

# EuroCargo EURO4

## COMMERCIAL DOCUMENTATION

4x2

First Edition



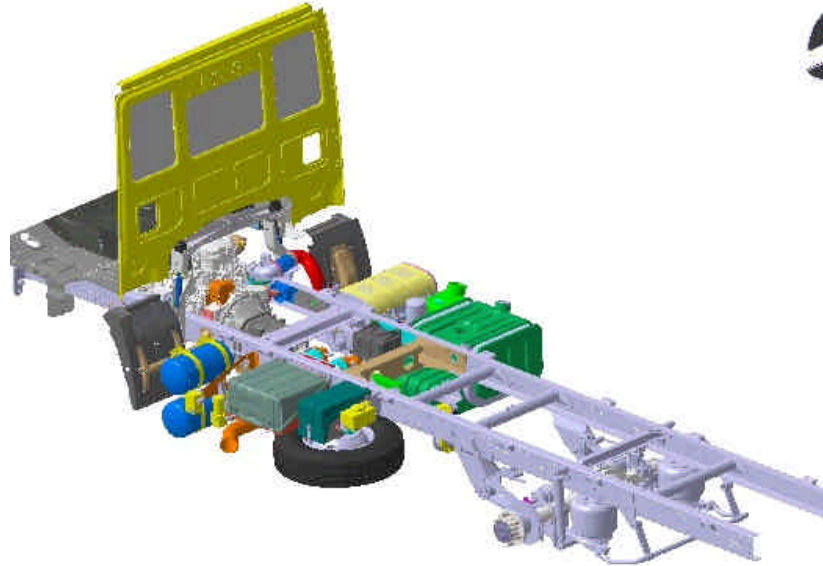
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# CHAPTER A

## EUROCARGO EURO 4 RANGE IN BRIEF



<b>Introduction</b>	<b>A.2</b>
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## **INTRODUCTION**

Legislation and Market requirements have also been an occasion to further improve the EuroCargo Range, both in terms of specifications & Product offer

The highlighting features are :

- \* Engines / New Up-graded drive line
  
- \* New line-up / Product Offer Fine Tuning

Each of the above points will be illustrated in detail in the following pages.

## NEW LINE-UP / PRODUCT OFFER FINE TUNING

### New Models / New Versions :

**New !**

- \* New ML120EL Crew Cab availability
- \* Extended availability of 4 cylinder engines 180 hp rating up to 16 ton
- \* New 300 hp engine rating available from 16 ton onwards
- \* New 9 speed Eaton FS 8309A gearbox for E30 engine rating
- \* 9 speed gearbox simple H
- \* New Dash Mounted Gear Lever
- \* Extended availability of Automatic Gearbox Allison 3000 to 12-14 ton Range 220 & 250 hp engine ratings
- \* New style Mirrors across the Eurocargo range
- \* Trailer plugs across entire the Eurocargo range
- \* Extended IVECO Multipower PTO (CCP2395) availability on FdPs E160 and E180

### Special models

**New !**

- \* New ML140E28W model, 6 cylinder Engine, 9 speed IVECO & EATON gearboxes
- \* New Road Sweeper ML15018/22&ML160E18/22 (LHD & RHD) model,  
4 & 6 cylinder Engine, 6 & 9 speed gearbox

### New Eurocargo contents :

- \* New tilting cab hydraulic pump/cylinder position
- \* New air filter and air intake under the cab

**New Standard Equipment**

- \* NO SPARE WHEEL (CCP 2213)
- \* NO SPARE WHEEL CARRIER (CCP 724)
- \* NO REAR BUMPER (CCP 169)
- \* NO JACK (CCP 5365)
- \* DIGITAL TACHOGRAPH (CCP 7848)

**FOR EURO4, IF NEEDED, THEY WILL HAVE TO BE SPECIFIED  
AS VM OR VP SPECIFICATIONS:**

**New !**

- CCP 2210 SPARE WHEEL
- CCP 2721 SPARE WHEEL CARRIER (OR CCP 725 ON FdP E75)
- CCP 165 STD REAR BUMPER OR CCP 166 TUBULAR REAR BUMPER
- CCP 7700 JACKING EQUIPMENT

**Cancelled version**

- \* ML260E28 KE model
- \* 2700 mm wheel base
- \* 3105 mm wheel base on MLD cab (Availability from 3690 mm wheel base)

**Cancelled Options**

- \* CCP 778 Body 2500 mm wide x 500 mm side
- \* CCP 781 Body 2500 mm wide x 1400/500 mm side
- \* CCP 705 Arches and canopy
- \* CCP 2165 Side underrun protection

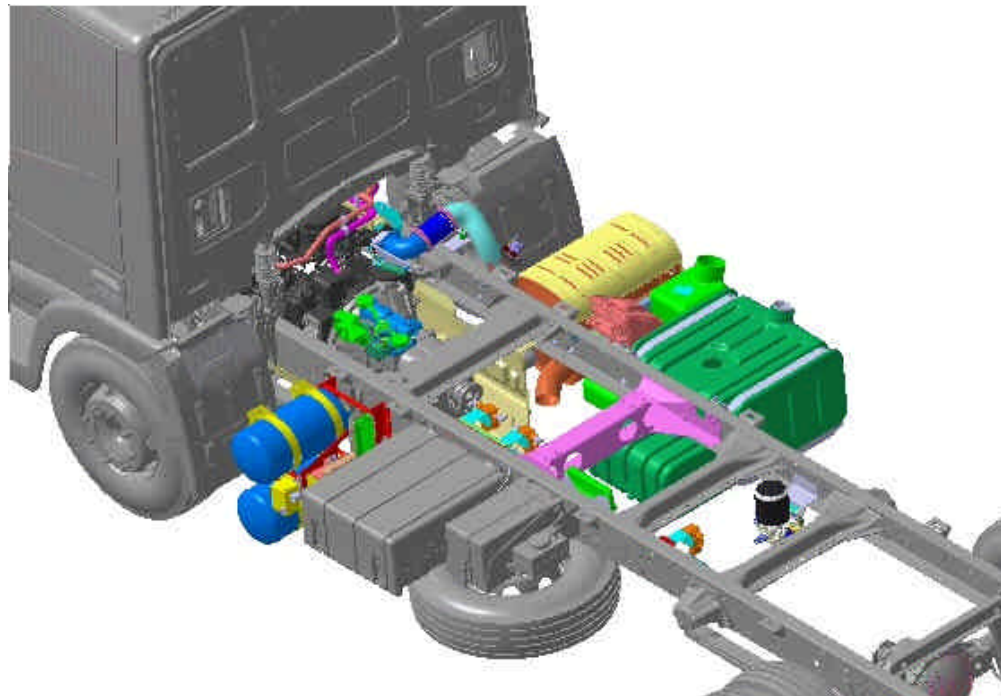
CURRENT EURO CARGO EURO 3					
FRAME	R. AXLE	F. AXLE	GEARBOX	ENGINE	MODEL
172,5x65 mm	450617	5833/1	2855.5	13 (4 cyl)	60E
			2855.6	15 (4 cyl) 17 (4 cyl) 18 (6 cyl)	65E 75E 80EL
195x65 mm	450721	5833	2855.6	17 (4 cyl)	80E
			2865.6	18 (6 cyl)	90E
			2870.9	21 (6 cyl)	100E
240x70 mm	MS08-125	5845	2855.6	17 (4 cyl)	110EL
			2865.6	21 (6 cyl)	120EL
262,5x80 mm	MS10-144 Narrow Track	5860/1 Narrow Track	2855.6	18	120E
			2865.6	21	130E
			Eaton FSO 5206B	24 (6 cyl)	140E
			2870.9	28	
	MS10-144 Wide Track MS10-164	5860 Wide Track	2865.6	21	150E 160E
			Eaton FSO 5206B	24 (6 cyl)	
			2870.9	28	
			2895.9		
240x70 mm	MS13-165	5871/5			180E 190EL
	SP 145E	5871/5	2895.9	28 (6 cyl)	260E
240x70 mm	450746	5950	2865.6	18	100E..W
			Eaton FS 5206B	21 (6 cyl)	
	451146/1	5956	2865.6	18	140E..W
			Eaton FSO 5206B	24 (6 cyl)	
			Eaton FS 5206B		

EURO CARGO EURO 4					
MODEL	ENGINE	GEARBOX	F. AXLE	R. AXLE	FRAME
60E 65E 75E 80EL	14(4 cyl) 16(4 cyl) 18(4 cyl)	5 Speed 2855B.6	5833/1	450617	172,5x65 mm
80E 90E 100E	18(4 cyl) 22(6 cyl)	2855B.6 2865B.6 2870B.9	5833	450721	195x65 mm
110EL 120EL	18 (4 cyl) 22 (6 cyl)	2865B.6 2870B.9	5845	MS08-125	
120E 130E 140E	18(4 cyl) 22(6 cyl) 25(6 cyl) 28(6 cyl)	2865B.6 Eaton FSO 5206B 2870B.9 2895B.9 3000	5860 Narrow Track	MS10-144	240x70 mm
150E 160E	18(4 cyl) 22(6 cyl) 25(6 cyl) 28(6 cyl) 30(6 cyl)	2865B.6 Eaton FSO 5206B 2870B.9 2895B.9 Eaton FS 8309A 3000	5860 Wide Track	MS10-164	
180E 190EL	25(6 cyl) 28(6 cyl) 30(6 cyl)	Eaton FSO 5206B 2895B.9 Eaton FS 8309A 3000	5871/5	MS13-165	262,5x80 mm
260E	<b>MODEL NOT INCLUDED IN THE EURO4 EURO CARGO OFFER</b>				
100E..W	18(6 cyl) 22(6 cyl)	2865B.6 Eaton FS 5206B	5950	450746	240x70 mm
140E..W	25(6 cyl) 28(6 cyl)	2895B.9 Eaton FSO 5206B Eaton FS 8309A	5956	451146/1	



## CHAPTER B

### EUROCARGO EURO 4 RANGE



**EuroCargo Commercial Offer**

**B.2**

**Feasible Commercial Models (main components)**

**B.27**

**"K" & "R" Version Models**

**B.31**

- Tipper Versions

**B.32**

- Towing Versions

**B.36**



# **EUROCARGO COMMERCIAL OFFER**

## EuroCargo 60E..

### MLC / MLL

### LHD / RHD

ENGINES	VERSIONS
---------	----------

			WB				WB				WB				WB				WB				WB				
			3105		3105		3330		3330		3690		3690		4185		4185		4455		4455		4815		4815		
			MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		
CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB		CAB			
SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS		SPEEDS			
5		6		5		6		5		6		5		6		5		6		5		6		5		6	
<b>14</b> 4 Cyl	<b>STD.</b>	Solo																									
		<b>R</b> Drawbar																									
	<b>K</b>	Solo																									
		Solo																									
	<b>P</b>	Solo																									
		Solo																									
	<b>R</b>	Solo																									
		Solo																									

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

0 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 65E..

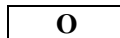
### MLC / MLL

LHD / RHD			WB	3105				3330				3690				4185				4455				4815			
ENGINES	VERSIONS			MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL	
				5		6		5		6		5		6		5		6		5		6		5		6	
<b>14</b> 4 Cyl	STD.	Solo																									
		R Drawbar	o			o			o			o			o			o			o			o			
	K	Solo	#	#			#	#			#	#															
		R Drawbar	o			o			o			o									o			o			
	P	Solo																									
		R Drawbar	o			o			o			o			o			o			o			o			
<b>16</b> 4 Cyl	STD.	Solo																									
		R Drawbar	o			o			o			o			o			o			o			o			
	K	Solo	#	#			#	#			#	#															
		R Drawbar	o			o			o			o									o			o			
	P	Solo																									
		R Drawbar	o			o			o			o			o			o			o			o			

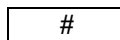


COMPARABLE TO CURRENT RANGE

NEW MODELS



R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS



K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 75E..



### MLC / MLL

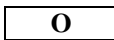
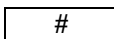
### LHD / RHD

ENGINES	VERSIONS	
---------	----------	--

WB  
CAB  
SPEEDS

		3105				3330				3690				4185				4455				4815				
		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL						
		5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	
<b>14</b> 4 Cyl	STD.	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o
	K	Solo	#	#			#	#			#	#														
		R Drawbar		o				o				o														
	P	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o
<b>16</b> 4 Cyl	STD.	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o
	K	Solo	#	#			#	#			#	#														
		R Drawbar		o				o				o														
	P	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o
<b>18</b> 4 Cyl	STD.	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o
	K	Solo	#	#			#	#			#	#														
		R Drawbar		o				o				o														
	P	Solo																								
		R Drawbar		o				o				o		o		o		o		o		o		o		o

 COMPARABLE TO CURRENT RANGE  
 NEW MODELS

 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
 K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 80EL..

### MLC / MLL

### LHD / RHD

ENGINES	VERSIONS
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WB  CAB SPEEDS	3105				3330				3690				4185				4455				4815			
	MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL					
	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6				

<b>16</b> 4 Cyl	STD.	Solo
		R Drawbar
	P	Solo
		R Drawbar

	o				o				o		o		o		o				
	o				o				o		o		o		o				

<b>18</b> 4 Cyl	STD.	Solo
		R Drawbar
	P	Solo
		R Drawbar

	o				o				o		o		o		o				
	o				o				o		o		o		o				

 COMPARABLE TO CURRENT RANGE

 R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

 NEW MODELS

# EuroCargo 80E..

## MLC / MLL / MLD



### LHD / RHD



ENGINES	VERSIONS
---------	----------

WB	3105	3330	3690						4185						4455						4815					
CAB SPEEDS	MLC		MLC		MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD							
	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9						

<b>18</b> 4 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#			#	#												
		R Drawbar	o	o	o	o			o	o												
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar																					

<b>22</b> 6 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#			#	#												
		R Drawbar	o	o	o	o			o	o												
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar																					

 COMPARABLE TO CURRENT RANGE  
 NEW MODELS

 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
 K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

# EuroCargo 90E..

## MLC / MLL / MLD



### LHD / RHD



ENGINES	VERSIONS
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WB	3105	3330	3690						4185						4455						4815					
CAB SPEEDS	MLC		MLC		MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD							
	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9						

<b>18</b> 4 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#	#	#														
		R Drawbar	o	o	o	o	o	o			o	o										
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar									o	o	o	o	o	o	o	o	o	o	o	o	

<b>22</b> 6 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#	#	#														
		R Drawbar	o	o	o	o	o	o			o	o										
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar									o	o	o	o	o	o	o	o	o	o	o	o	

 COMPARABLE TO CURRENT RANGE  
 NEW MODELS

 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
 K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

# EuroCargo 100E..

## MLC / MLL / MLD



### LHD / RHD



ENGINES	VERSIONS
---------	----------

WB	3105	3330	3690						4185						4455						4815					
CAB SPEEDS	MLC		MLC		MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD							
	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9						

<b>18</b> 4 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#	#	#														
		R Drawbar	o	o	o	o	o	o			o	o										
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar									o	o	o	o	o	o	o	o	o	o	o	o	

<b>22</b> 6 Cyl	STD.	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	K	Solo	#	#	#	#	#	#														
		R Drawbar	o	o	o	o	o	o			o	o										
	P	Solo																				
		R Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
FP	Solo																					
	R Drawbar									o	o	o	o	o	o	o	o	o	o	o	o	

 COMPARABLE TO CURRENT RANGE  
 NEW MODELS

 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
 K VERSIONS OBTAINED WITH SPECIFIC CCP 6403



## EuroCargo 110EL..

### MLC / MLL / MLD

LHD / RHD																				
ENGINES	VERSIONS		WB	3105		3330		3690			4185			4455			4815			
				MLC		MLC		MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	
			CAB	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	
			SPEEDS	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	
<b>18</b> 4 Cyl	STD.	Solo																		
		R Drawbar		o		o		o		o		o		o		o		o		o
	P	Solo																		
		R Drawbar		o		o		o		o		o		o		o		o		o
<b>22</b> 6 Cyl	STD.	Solo																		
		R Drawbar		o		o		o		o		o		o		o		o		o
	P	Solo																		
		R Drawbar		o		o		o		o		o		o		o		o		o

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

o R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

## EuroCargo 120EL..

### MLC / MLL / MLD

LHD / RHD			WB		3105		3330		3690						4185						4455						4815					
ENGINES	VERSIONS		CAB		MLC		MLC		MLC		MLL		MLD		MLC		MLL		MLD		MLC		MLL		MLD		MLC		MLL		MLD	
					6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9
<b>18</b> 4 Cyl	STD.	Solo																														
		R Drawbar																														
	P	Solo																														
		R Drawbar																														
<b>22</b> 6 Cyl	STD.	Solo																														
		R Drawbar																														
	P	Solo																														
		R Drawbar																														



COMPARABLE TO CURRENT RANGE

NEW MODELS



R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

## EuroCargo 120E.. MLC / MLL / MLD

### LHD / RHD

ENGINES	VERSIONS
---------	----------

WB  
CAB  
SPEEDS

		<b>3105</b>		<b>3690</b>			<b>4185</b>			<b>4455</b>			<b>4815</b>			<b>5175</b>			<b>5670</b>		<b>6570</b>	
		MLC		MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL	MLD	MLC	MLL		
		6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	
<b>18</b> 4 Cyl	STD.	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	K	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	P	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
FP	Solo																					
	R	o		o		o		o		o		o		o		o		o		o		
<b>22</b> 6 Cyl	STD.	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	K	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	P	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
FP	Solo																					
	R	o		o		o		o		o		o		o		o		o		o		
<b>25</b> 6 Cyl	STD.	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	K	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	P	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
FP	Solo																					
	R	o		o		o		o		o		o		o		o		o		o		
<b>28</b> 6 Cyl	STD.	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	K	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
	P	Solo																				
		R	o		o		o		o		o		o		o		o		o		o	
FP	Solo																					
	R	o		o		o		o		o		o		o		o		o		o		

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

o R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 120E.. (Automatic gearbox) MLC / MLL

### LHD / RHD

ENGINES	VERSIONS
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<b>22</b> 6 Cyl	STD.	Solo
	K	Solo
	P	Solo
	FP	Solo

<b>25</b> 6 Cyl	STD.	Solo
	K	Solo
	P	Solo
	FP	Solo

		WB		3105		3690		4185		4455		4815		5175		5670		6570	
				MLC		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL	
		CAB SPEEDS		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000	
			#		#		#		#		#		#		#		#		#
			#		#		#		#		#		#		#		#		#

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 130E..

### LHD / RHD

ENGINES	VERSIONS
---------	----------

<b>18</b> 4 Cyl	STD.	Solo
	<b>R</b>	Drawbar
	K	Solo
	<b>R</b>	Drawbar
P	Solo	
	<b>R</b>	Drawbar

<b>25</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar
	K	Solo
	<b>R</b>	Drawbar
P	Solo	
	<b>R</b>	Drawbar

WB  
  
CAB  
SPEEDS

### MLD

		<b>3690</b>		<b>4185</b>		<b>4455</b>		<b>4815</b>		<b>5175</b>	
		MLD		MLD		MLD		MLD		MLD	
		6	9	6	9	6	9	6	9	6	9
		0	0	0	0	0	0	0	0	0	0
#	#	#	#	#	#						
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0

0 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

# EuroCargo 140E..



## MLC / MLL



### LHD / RHD

ENGINES	VERSIONS
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WB  
CAB  
SPEEDS

		3105		3690		4185		4455		4815		5175		5670		6570			
		MLC		MLC MLL		MLC MLL		MLC MLL		MLC MLL		MLC MLL		MLC MLL		MLC MLL			
		6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9
18 4 Cyl	STD.	Solo																	
		R	Drawbar																
	K	Solo		# #		# #													
		R	Drawbar	o		o													
	P	Solo																	
		R	Drawbar	o		o		o		o		o		o		o		o	
FP	Solo																		
	R	Drawbar					o		o		o		o		o		o		
22 6 Cyl	STD.	Solo																	
		R	Drawbar																
	K	Solo		# #		# #													
		R	Drawbar	o		o													
	P	Solo																	
		R	Drawbar	o		o		o		o		o		o		o		o	
FP	Solo																		
	R	Drawbar					o		o		o		o		o		o		
25 6 Cyl	STD.	Solo																	
		R	Drawbar																
	K	Solo		# #		# #													
		R	Drawbar	o		o													
	P	Solo																	
		R	Drawbar	o		o		o		o		o		o		o		o	
FP	Solo																		
	R	Drawbar					o		o		o		o		o		o		
28 6 Cyl	STD.	Solo																	
		R	Drawbar																
	K	Solo		#		#													
		R	Drawbar	o		o													
	P	Solo																	
		R	Drawbar	o		o		o		o		o		o		o		o	
FP	Solo																		
	R	Drawbar					o		o		o		o		o		o		

 COMPARABLE TO CURRENT RANGE  
 NEW MODELS

 R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTION  
 K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 140E.. (Automatic gearbox) MLC / MLL

### LHD / RHD

ENGINES	VERSIONS	
---------	----------	--

<b>22</b> 6 Cyl	STD.	Solo
	K	Solo
	P	Solo
	FP	Solo

<b>25</b> 6 Cyl	STD.	Solo
	K	Solo
	P	Solo
	FP	Solo

			WB		CAB		SPEEDS											
			<b>3105</b>		<b>3690</b>		<b>4185</b>		<b>4455</b>		<b>4815</b>		<b>5175</b>		<b>5670</b>		<b>6570</b>	
			MLC		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL		MLC   MLL	
			Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000	
			#		#		#											
			#		#		#											

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

# EuroCargo 150E..

MLC / MLL

LHD / RHD		WB	3105		3690		4185		4455		4815		5175		5670		6570		
ENGINES	VERSIONS		MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	
		CAB SPEEDS	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	
18 4 Cyl	STD.	Solo																	
	K	R Drawbar	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo	#	#	#	#	#	#											
	P	R Drawbar			o		o												
		Solo																	
	FP	R Drawbar			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo																	
RSW	R Drawbar					o	o	o	o	o	o	o	o	o	o	o	o	o	
22 6 Cyl	STD.	Solo																	
	K	R Drawbar	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo	#	#	#	#	#	#											
	P	R Drawbar			o		o												
		Solo																	
	FP	R Drawbar			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo																	
RSW	R Drawbar					o	o	o	o	o	o	o	o	o	o	o	o	o	
25 6 Cyl	STD.	Solo																	
	K	R Drawbar	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo	#	#	#	#	#	#											
	P	R Drawbar			o		o												
		Solo																	
	FP	R Drawbar			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo																	
RSW	R Drawbar					o	o	o	o	o	o	o	o	o	o	o	o	o	
28 6 Cyl	STD.	Solo																	
	K	R Drawbar	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo	#	#	#	#	#	#											
	P	R Drawbar			o		o												
		Solo																	
	FP	R Drawbar			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo																	
RSW	R Drawbar					o	o	o	o	o	o	o	o	o	o	o	o	o	
30 6 Cyl	STD.	Solo																	
	K	R Drawbar	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo	#	#	#	#	#	#											
	P	R Drawbar			o		o												
		Solo																	
	FP	R Drawbar			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
		Solo																	
RSW	R Drawbar					o	o	o	o	o	o	o	o	o	o	o	o	o	

- COMPARABLE TO CURRENT RANGE
- NEW MODELS
- ROAD SWEEPER WHEELBASE UNDER EVALUATION
- O R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS
- # K VERSIONS OBTAINED WITH SPECIFIC CCP 6403



## EuroCargo 150E.. (Automatic gearbox)

### MLC / MLL

### LHD / RHD

ENGINES	VERSIONS		WB	3105		3690		4185		4455		4815		5175		5670		6570	
				MLC		MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL
			CAB	Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000	
			SPEEDS																
<b>22</b> 6 Cyl	STD.	Solo																	
	K	Solo	#		#		#												
	P	Solo																	
	FP	Solo																	
<b>25</b> 6 Cyl	STD.	Solo																	
	K	Solo	#		#		#												
	P	Solo																	
	FP	Solo																	
<b>28</b> 6 Cyl	STD.	Solo																	
	K	Solo	#		#		#												
	P	Solo																	
	FP	Solo																	

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

# EuroCargo 160E..

## MLC / MLL

### LHD / RHD

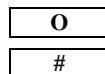
ENGINES	VERSIONS
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WB  
CAB  
SPEEDS

WB	CAB	SPEEDS	3105		3690				4185				4455				4815				5175				5670				6570			
			MLC		MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL				
			6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9				
18 4 Cyl	STD.	Solo																														
	R	Drawbar		o																												
	K	Solo	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	R	Drawbar		o																												
	RSW																															
22 6 Cyl	STD.	Solo																														
	R	Drawbar		o																												
	K	Solo	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	R	Drawbar		o																												
	RSW																															
25 6 Cyl	STD.	Solo																														
	R	Drawbar		o																												
	K	Solo	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	R	Drawbar		o																												
	RSW																															
28 6 Cyl	STD.	Solo																														
	R	Drawbar		o																												
	K	Solo	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	R	Drawbar		o																												
	RSW																															
30 6 Cyl	STD.	Solo																														
	R	Drawbar		o																												
	K	Solo	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	R	Drawbar		o																												
	RSW																															



**■** COMPARABLE TO CURRENT RANGE  
**■** NEW MODELS  
**■** ROAD SWEEPER WHEELBASE UNDER EVALUATION



**o** R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS  
**#** K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 160E.. (Automatic gearbox)

### MLC / MLL

**LHD / RHD**

ENGINES	VERSIONS		WB	3105		3690		4185		4455		4815		5175		5670		6570			
				MLC		MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL
				Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000	
<b>22</b> 6 Cyl	STD.	Solo																			
	K	Solo		#			#														
	P	Solo																			
	FP	Solo																			
<b>25</b> 6 Cyl	STD.	Solo																			
	K	Solo		#			#														
	P	Solo																			
	FP	Solo																			
<b>28</b> 6 Cyl	STD.	Solo																			
	K	Solo		#			#														
	P	Solo																			
	FP	Solo																			

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

# K VERSIONS OBTAINED WITH SPECIFIC CCP 6403

## EuroCargo 180E..

### MLC / MLL

LHD / RHD		WB	3690		4185				4590				4815				5175				5670				6210				6570			
ENGINES	VERSIONS		MLC		MLC	MLL		MLC	MLL		MLC	MLL		MLC	MLL		MLC	MLL		MLC	MLL		MLC	MLL		MLC	MLL					
		6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9			
<b>25</b> 6 Cyl	STD.	Solo																														
	K	R	Drawbar																													
		Solo		#	#																											
	P	R	Drawbar																													
Solo																																
<b>28</b> 6 Cyl	STD.	Solo																														
	K	R	Drawbar																													
		Solo		#	#																											
	P	R	Drawbar																													
Solo																																
<b>30</b> 6 Cyl	STD.	Solo																														
	K	R	Drawbar																													
		Solo		#	#																											
	P	R	Drawbar																													
Solo																																
P	R	Drawbar																														
	Solo																															



COMPARABLE TO CURRENT RANGE

NEW MODELS



R & KR VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

K VERSIONS OBTAINED WITH SPECIFIC CCP 6403



## EuroCargo 190EL..

### MLC / MLL

LHD / RHD		WB	3690		4185				4590				4815				5175				5670				6210				6570			
ENGINES	VERSIONS		MLC		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL		MLC		MLL					
			6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9	6	9				
25 6 Cyl	STD.	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
	P	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o			
28 6 Cyl	STD.	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o			
	P	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
30 6 Cyl	STD.	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o			
	P	Solo																														
		R	Drawbar	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		

<div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>	COMPARABLE TO CURRENT RANGE	<div style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></div>	R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS
<div style="width: 20px; height: 10px; background-color: #cccccc; display: inline-block;"></div>	NEW MODELS		

## EuroCargo 190EL.. MLC / MLL

LHD / RHD																			
ENGINES	VERSIONS		WB	3690		4185		4590		4815		5175		5670		6210		6570	
				MLC		MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL	MLC	MLL
			CAB	Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000		Allison 3000	
			SPEEDS																
<b>25</b> 6 Cyl	STD.	Solo																	
	P	Solo																	
<b>28</b> 6 Cyl	STD.	Solo																	
	P	Solo																	
<b>30</b> 6 Cyl	STD.	Solo																	
	P	Solo																	

COMPARABLE TO CURRENT RANGE  
 NEW MODELS

# EuroCargo 100E..W

## LHD

ENGINES	VERSIONS	
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<b>18</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

<b>22</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

WB  
CAB  
GEARBOX  
SPEEDS

<b>3240</b>	
MLC	
<b>2865B.6</b>	<b>FS 5206B +PTO</b>
<b>6</b>	<b>6</b>

o	o

o	o

<b>3690</b>	
MLC	
<b>2865B.6</b>	<b>FS 5206B +PTO</b>
<b>6</b>	<b>6</b>

o	o

o	o

## RHD

ENGINES	VERSIONS	
---------	----------	--

<b>18</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

<b>22</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

WB  
CAB  
GEARBOX  
SPEEDS

<b>3240</b>	
MLC	
<b>2865B.6</b>	
<b>6</b>	

o	

o	

<b>3690</b>	
MLC	
<b>2865B.6</b>	
<b>6</b>	

o	

o	

o

R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS

COMPARABLE TO CURRENT RANGE



## EuroCargo 140E..W

### LHD

ENGINES	VERSIONS	
<b>25</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar
<b>28</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

		3240				3690				3915			
WB	CAB	MLC				MLC				MLC			
GEARBOX	SPEEDS	FSO 5206B	FS5206B +PTO	2895B.9	FS 8309A +PTO	FSO 5206B	FS 5206B +PTO	2895B.9	FS 8309A +PTO	FSO 5206B	FS5206B +PTO	2895B.9	FS 8309A +PTO
		6	6	9	9	6	6	9	9	6	6	9	9
		o	o			o	o			o	o		
				o	o			o	o			o	o

### RHD

ENGINES	VERSIONS	
<b>25</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar
<b>28</b> 6 Cyl	STD.	Solo
	<b>R</b>	Drawbar

		3240		3690		3915	
WB	CAB	MLC		MLC		MLC	
GEARBOX	SPEEDS	FSO 5206B	2895B.9	FSO 5206B	2895B.9	FSO 5206B	2895B.9
		6	9	6	9	6	9
		o		o		o	
			o		o		o

o
---

R VERSIONS OBTAINED FROM SOLO VERSIONS BY CCP OPTIONS



COMPARABLE TO CURRENT RANGE

**FEASIBLE COMMERCIAL  
MODELS**  
(Main Components)

**FEASIBLE COMMERCIAL MODELS E75  
60E.. / 65E.. / 75E.. / 80EL.. - MLC / MLL**

TYPE	Gearbox	Front axle type ( brake )	Rear axle type ( brake )	G.V.W. [ kg ]	G.C.W. [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres			
<b>ML 60E14</b> <b>ML 60E16</b>	5 Speed	5833 / 1	450617	<b>6200</b>	13500	<b>2900</b>	<b>4000</b>	<b>205/75 R 17.5</b> 9.5 R 17.5			
<b>ML 65E14</b> <b>ML 65E16</b>				<b>7000</b>		<b>3200</b>	<b>4600</b>	<b>205/75 R 17.5</b> 215/75 R 17.5 9.5 R 17.5			
<b>ML 75E14</b> <b>ML 75E16</b> <b>ML75E18</b>				2855B.6 (6 Spd)	Disk 2 x 60 (Φ 304 x 30 mm)	Disk 2 x 60 (Φ 304 x 30 mm)	<b>7500</b> (7490)	16500	<b>3200</b> (3600)	<b>5200</b>	<b>205/75 R 17.5</b> 215/75 R 17.5 225/75 R 17.5 R 9.5 R 17.5
<b>ML80EL16</b> <b>ML80EL18</b>							<b>8000</b>		<b>3400</b> (3600)	<b>5400</b>	215/75 R 17.5 225/75 R 17.5 R 9.5 R 17.5



Standard Commercial Model Configuration

**FEASIBLE COMMERCIAL MODELS E100  
80E.. / 90E.. / 100E.. - MLC / MLL / MLD**

TYPE	Gearbox	Front axle type (brake)	Rear axle type (brake)	G.V.W. [ kg ]	G.C.W. [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
80E..	2855B.6 (6 Spd) (..E18)	5833	450721	8000	18000	3400	5800	215/75 R 17.5
				(7500)		(3600)	225/75 R 17.5 R	
90E..	2865B.6 (6 Spd) (..E22)	Disk 2 x 68	Disk 2 x 68	9000	18000	3400	6300	215/75 R 17.5
				(7490)		(3600)	225/75 R 17.5 R	
100E..	2870B.9 (9 Spd) (..E18/..E22)	(Φ 322 x 30 mm)	(Φ 322 x 30 mm)	10000	18000	3600	6800	225/75 R 17.5 R
							9.5 R 17.5	



Standard Commercial Model Configuration

**FEASIBLE COMMERCIAL MODELS E120**  
**110EL.. / 120EL.. - MLC / MLL / MLD**

TYPE	Gearbox	Front axle type ( brake )	Rear axle type ( brake )	G.V.W. [ kg ]	G.C.W. [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>110EL..</b>	2865B.6 (6 Spd) 2870B.9 (9 Spd) (..E18/..E22)	5845 Disk (Φ 330 x 34 mm)	MS08-125 Disk (Φ 330 x 34 mm)	<b>11000</b>	18000	<b>4000</b> (4200)	<b>7600</b> (7900)	<b>245/70 R 17.5</b>
<b>120EL..</b>				<b>12000</b> (11990)		<b>4480</b> (4600)	<b>8480</b> (8500)	<b>245/70 R 17.5</b> 265/70 R 17.5



Standard Commercial Model Configuration

**FEASIBLE COMMERCIAL MODELS E140  
120E.. / 130E.. /140E.. - MLC / MLL / MLD**

TYPE	Gearbox	Front axle type (brake)	Rear axle type (brake)	G.V.W. [ kg ]	G.C.W. (* ) [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>120E..</b>	2865B.6 (6 Spd) 2870B.9 (9 Spd) ( ..E18/..E22)	5860 Disk (Φ 377 x 45 mm)	MS10-144 Disk (Φ 377 x 45 mm)	<b>12000</b> (11990)	26000	<b>4480</b> (4800)	<b>8480</b> (8500)	245/70 R 19.5 R 265/70 R 19.5 285/70 R 19.5 R 10 R 22.5
<b>140E..</b>	FSO 5206B (6 Spd) ( ..E25)			<b>14000</b>		<b>5100</b>	<b>9500</b>	<b>285/70 R 19.5</b> 10 R 22.5
<b>120E..D</b>	2895B.9 (9 Spd) (..E25/..E28)			<b>12000</b> (11990)	21000	<b>4800</b>	<b>9200</b>	265/70 R 19.5 R 10 R 22.5
<b>130E..D</b>	Automatic 3000 (..E22/..E25)			<b>13000</b>		<b>4800</b>	<b>10000</b>	<b>285/70 R 19.5</b> 10 R 22.5



Standard Commercial Model Configuration

(\* ) Except for Allison Automatic Gearbox 3000 where towing versions are not available

**FEASIBLE COMMERCIAL MODELS E160  
150E../ 160E.. - MLC / MLL**

TYPE	Gearbox	Front axle type ( brake )	Rear axle type ( brake )	G.V.W. [ kg ]	G.C.W. (* ) [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>150E..</b>	2865B.6 (6 Spd) 2870B.9 (9 Spd) ( ..E18/..E22)	5860 Disk (Φ 377 x 45 mm)	MS10-164 Disk (Φ 377 x 45 mm)	<b>15000</b>	26500 (..E18/..E22)	<b>5300</b>	<b>10700</b>	<b>285/70 R 19.5</b>
							305/70 R 19.5 11 R 22.5	
<b>160E..</b>	2895B.9 (9 Spd) (..E25/..E28)			<b>15990</b>	32500 (..E25/..E28/ ..E30)	<b>5800</b>	<b>10900</b>	<b>285/70 R 19.5</b>
	FS 8309A (9 Spd) ( ..E30)					(6100)	(11000)	305/70 R 19.5 11 R 22.5
	Automatic 3000 (..E22/..E25/..E28)							



Standard Commercial Model Configuration

(\* ) Except for Allison Automatic Gearbox 3000 where towing versions are not available

## FEASIBLE COMMERCIAL MODELS E180 180E.. / 190EL.. - MLC / MLL

TYPE	Gearbox	Front axle type ( brake )	Rear axle type ( brake )	G.V.W. [ kg ]	G.C.W. (*) [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>180E25</b>	FSO 5206B (6 Spd) 2895B.9 (9 Spd) Automatic 3000	5871/5 Disk (Φ 432 x 45 mm)	MS13-165 Disk (Φ 432 x 45 mm)	<b>18000</b>	32500	<b>7100</b>	<b>11500</b>	<b>295/80 R 22.5</b>
	(7500)					(11500)	305/70 R 22.5	
	(7100)					(12000)	315/60 R 22.5	
<b>180E28</b>	2895B.9 (9 Spd) Automatic 3000					(7500)	(12000)	315/70 R 22.5
<b>180E30</b>	FS 8309 A Automatic 3000							315/80 R 22.5 12 R 22.5
<b>190EL25</b>	FSO 5206B (6 Spd) 2895B.9 (9 Spd) Automatic 3000	(Φ 432 x 45 mm)	(Φ 432 x 45 mm)	<b>19000</b>	32500	7100	13000	<b>295/80 R 22.5</b>
	(7500)					(13000)	305/70 R 22.5	
	(7100)					(12600)	315/60 R 22.5	
<b>190EL28</b>	2895B.9 (9 Spd) Automatic 3000							315/70 R 22.5
<b>190EL30</b>	FS 8309 A Automatic 3000							315/80 R 22.5 12 R 22.5



Standard Commercial Model Configuration

(\*) Except for Allison Automatic Gearbox 3000 where towing versions are not available



## FEASIBLE COMMERCIAL MODELS E10W 100E..W - MLC

TYPE	Gearbox	Front axle type (brake)	Rear axle type (brake)	G.V.W. [ kg ]	G.C.W. [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>100E18W</b>	2865B.6 (6 Spd) FS 5206 B + PTO (6 Spd + PTO) (^)	5950	450746			4120	6150	9 R 22,5 (*)
		Disk 4 x 68	Drum			(5000)		10 R 22.5(*) 365/80 R 20(**)
<b>100E22W</b>		(Φ 405 x 30 mm)	(325x140)	10000	21000			

Standard Commercial Model Configuration

(^) Only for LHD

(\*) Twin wheels  
(\*\*) Single wheels

## FEASIBLE COMMERCIAL MODELS E14W 140E..W - MLC

TYPE	Gearbox	Front axle type (brake)	Rear axle type (brake)	G.V.W. [ kg ]	G.C.W. [ kg ]	Max. on front [ kg ]	Max. on rear [ kg ]	Tyres
<b>140E25W</b>	FSO 5206 B (6 Spd )	5956 Drum (381x178)	451146/1 Drum (381x178)	<b>14000</b>	26000	<b>5200</b> (5500)	<b>9500</b>	<b>11 R 22.5 (*)</b> <b>10 R 22.5 (*)</b> 395/85 R 20 (**) 14 R20 (**)
	FSO 5206 B + PTO (6 Spd + PTO) (^)							
<b>140E28W</b>	2895B.9 FS 8309 A + PTO (9 Spd + PTO) (^)							

 Standard Commercial Model Configuration

(^) Only for LHD

(\*) Twin wheels

(\*\*) Single wheels

**"K" & "R"**  
**VERSION MODELS**

## TIPPER VERSIONS CCP Option 6403

**Tipper models will be defined only by specific VMs including CCP 6403 tipper execution and all tipper configuration related options.**



The content of CCP 6403 (Tipper version) is limited to define the Tipper Version only and the tipper doors badging are the same as per base model (without K).

**Please Note** : Head console with lateral loud speakers provision, storage boxes, lateral tray for radio and door pocket with bottle holder and loud speakers provision are also provided for tipper versions.



### **TIPPER AVAILABILITY :**

- Available for all engine ratings / all models except ML80EL, ML110/120EL, ML160E, ML190EL
- MLC / MLD cabs only (MLD cabs are available from 3690 mm wb up wards)
- Wheelbase Availability :
  - 3105, 3330, 3690 mm - ML60E , ML65E, ML75E,
  - 3105, 3330, 3690 mm - ML 80E, ML90E & ML100E
  - 3105, 3690, 4185 mm - ML120E, ML130E, ML140E, ML150E
  - 3690, 4185 mm - ML180E
- Available in combination with CCP 430, where available, to obtain KR versions.

### **OTHER COMPULSORY OPTIONS FOR TIPPER CONFIGURATION :**

- Easy clean cab trim (CCP 7747) contents: vinyl trim for doors, rear and lateral water resistant cab panels

**Please Note** : the CCP 7747 contains the vinyl trim for doors only on all MLD Cabs

- Radiator Guard CCP 191
  - Multileaf Springs CCP 2073
  - Differential Lock CCP 131
  - Non low profile tyres :  
(if needed, compatible R/A Ratios)
- |             |  |
|-------------|--|
| 9.5 R 17.5  | - Available for 65E../75E../80E../90E../100E.. |
| 10 R 22.5 R | - Available for 120E../130E../140E..           |
| 11 R 22.5   | - Available for 150E../160E..                  |
| 12 R 22.5   | - Available for 180E..                         |



### **RECOMMENDED OPTIONS FOR TIPPER CONFIGURATION :**

- Snorkel air intake CCP 3191 Snorkel and Rear cab air filter CCP 8293 recommended for Tipper version



### **OTHER OPTIONS AVAILABLE ACROSS EUROARGO RANGE & SUITABLE FOR TIPPER APPLICATION :**

- Steel Front bumper CCP 160 (CCP 6555, foglights integrated as same solution for SMC front bumper)
- Tubular rear bumper and rear lights fixed to the frame (4x4 type) CCP 166
- Cab rear wall with windows CCP 744 (as per New Eurocargo standard MLC cab is without rear windows )
- Vinyl trim seats :
  - \* Vinyl - 3 Way adjustable driver seat CCP 6606
  - \* Vinyl - 3 Way air suspended driver seat CCP 6626
  - \* Vinyl - 2 Way adjustable passenger seat CCP 6641
  - \* Vinyl - 3 Way air suspended passenger seat CCP 6640
  - \* Vinyl - Dual bench CCP 6637
  - \* Vinyl - 4 seat rear bench CCP 7630 (MLD)



**Please Note** : - Steel front bumper (CCP 160) is not available in combination with CCP 4106 (front bumper and mudguard in cab colour). The only colour available is **GREY** (IC443)

## TOWING VERSIONS CCP Option 430

The CCP 430 (R Versions) can be defined by a free VP option

### CONTENTS :

- Air equipment for trailer brakes (15 litres additional air tank)
- Lowered Rear Bumper for 6-10 ton models

### OPTION AVAILABILITY :

- Available for 6 Speed Gearbox for 60E../65E../75E../80EL..
- Available for **6 & 9 Speed Gearbox for 80E../90E../100E../100E..W/140E..W**
- Available for 9 Speed Gearbox for 110EL../120EL../120E../130E../140E../150E../160E../180E../190EL..
- Also available in combination with CCP 6403 tipper versions to offer KR execution

**NOTE:** Towing version is not available for all Allison Automatic gearbox 3000.

### COMPULSORY OPTIONS / COMBINATION RULES WITH CCP 430 :

As per New Eurocargo, the same changes have taken place in terms of logistics handling and specifications of R versions:

- **Rear cross members have always to be specified in combination of CCP 430 (R versions) for ALL 4x2 and 4x4 models**



- **Trailer plug has to be specified at VP level choosing one of the 2 alternatives given below :**

- \* CCP 1473 - 7 Pole trailer plug
- \* CCP 2085 - 15 Pole trailer plug - ISO

**NEW !**

**Note: Trailer Plugs (CCP1473 and CCP2085) are now available across the entire Eurocargo range in this case rear cross member has always to be specified (also without CCP 430 - towing version-).**




- **When ordering an R version model , if a factory fitted towing hook is ordered, the VP must include NOT ONLY the hook type BUT ALSO the specific brand.**




- As per New Eurocargo, if necessary, an optional suitable rear axle ratio, should also be specified, but be aware that R versions have no longer restrictions in terms of rear axle ratio availability. This is in order to avoid penalising operators who specify R versions, but operate trucks mainly as solo versions (e.g. Germany). As a consequence, more attention will be required in determining the actual use of vehicle to specify, case by case, the right rear actual ratio (see "Performance" chapter).
- For R version models with air suspension , specially in the 12-19 ton range , it is advisable to specify also an increased air compressor (CCP 6319: 360 cc air compressor )

# TOWING VERSIONS CCP Option 430

**NEW!**

	Standard Configuration	Option for all models 5 - 6 - 9 speeds	Option for R versions Only
6-10 ton 4x2	Without rear cross member	CCP 6153 D=70 kN	ML60E..80EL.. 6 speed CCP 6153 D=70 kN
			ML80E..100E.. 6 & 9 speed: CCP 6153 D=70 kN CCP 3158 (Central Axle Cross Member) D=100 kN CCP 6154 (Central Axle Cross Member) D=120 kN
		Rear cross member with reinforcement plates for towing hook fitment 	



**NEW!**

	Standard Configuration	Option for all models 6-9 speeds	Option for R versions Only 9 speed
11-18 ton 4x2	<b>Wb. 3105 mm:</b> Without rear cross member (for 120E../130E../140E/150E/160E..) <b>Other wheelbases:</b> Rear cross member without reinforcement plates for towing hook fitment (for 110EL../190EL..) 	CCP 6153 D=70 kN	ML110EL../ML140E.. CCP 6153 D=70 kN CCP 3158 (Central Axle Cross Member) D=100 kN CCP 6154 (Central Axle Cross Member) D=120 kN
			ML150E../160E.. CCP 6153 D=70 kN (Only E18 & E22) CCP 3158 (Central Axle Cross Member) D=100 kN CCP 6154 (Central Axle Cross Member) D=120 kN CCP 6150 D=100 kN (Only E25,E28 & E30)
			ML180E../ML190EL.. CCP 6150 D=100 kN



## TOWING VERSIONS CCP Option 430

**NEW !**

	Standard Configuration	Option for all models 6-9 speeds	Option for R versions Only 6-9 speeds
<b>10-14 ton 4x4</b>	<p>Rear cross member without reinforcement plates for towing hook fitment</p> 	<p>CCP 6153 D=70 kN</p>	<p><b>ML100E..W / ML140E..W</b> CCP 6153 D=70 kN Rear cross member with reinforcement plates for towing hook fitment</p> 

	REAR CROSS MEMBER	TOWING HOOK		SPECIFIC CCP	BRAND	COMMERCIAL NAME
		CCP	DESCRIPTION			
ML60E../ 65E.. ML75E../ 80EL	CCP 6153 D=70 kN (120 mm x 55 mm)	3150 (*)	AUTOM. $\Phi$ 50 D=70 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G3
		5153	AUTOM. $\Phi$ 40 D=70 kN	7805	ROCKINGER	400A35
				7806	RINGFEDER	863
ML80E../ 90E../ 100E..  ML110EL../ 120EL.. ML120E../130E../140E..	CCP 6153 D=70 kN (120 mm x 55 mm)	3150	AUTOM. $\Phi$ 50 D=70 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G3
		5153	AUTOM. $\Phi$ 40 D=70 kN	7805	ROCKINGER	400A35
				7806	RINGFEDER	863
CCP 3158 (Central Axle Cross Member) D=100 kN (140 mm x 80 mm)	3153	AUTOM. $\Phi$ 40 D=100 kN	7805	ROCKINGER	400A45	
			7806	RINGFEDER	864	
CCP 6154 (Central Axle Cross Member) (*) D=120 kN (160 mm x 100 mm)	5150	AUTOM. $\Phi$ 40 D=120 kN	7805	ROCKINGER	400A50	
			7806	RINGFEDER	865	

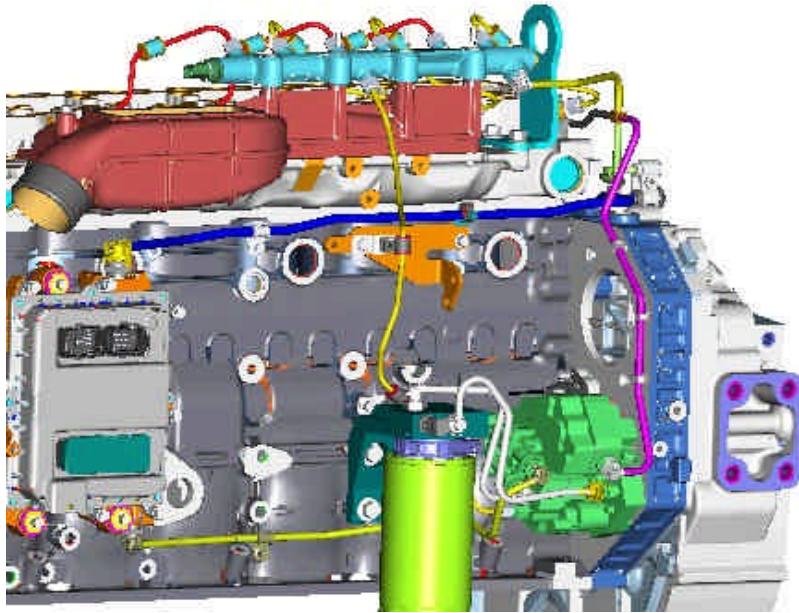
(\*) Needs CCP 166 (Tubular rear bumper) or CCP 169 (Delete rear bumper)

	REAR CROSS MEMBER	TOWING HOOK		SPECIFIC CCP	BRAND	COMMERCIAL NAME
		CCP	DESCRIPTION			
ML150E18/ML160E18 ML150E22/ML160E22	CCP 6153 D=70 kN (120 mm x 55 mm)	3150	AUTOM. $\Phi$ 50 D=70 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G3
		5153	AUTOM. $\Phi$ 40 D=70 kN	7805	ROCKINGER	400A35
				7806	RINGFEDER	863
	CCP 3158 (Central Axle Cross Member) D=100 kN (140 mm x 80 mm)	3153	AUTOM. $\Phi$ 40 D=100 kN	7805	ROCKINGER	400A45
				7806	RINGFEDER	864
	CCP 6154 (Central Axle Cross Member) D=120 kN (160 mm x 100 mm)	5150	AUTOM. $\Phi$ 40 D=120 kN	7805	ROCKINGER	400A50
				7806	RINGFEDER	865
ML150E25/ML160E25 ML150E28/ML160E28 ML150E30/ML160E30	CCP 6150 D=100 kN (140 mm x 80 mm)	3151	AUTOM. $\Phi$ 50 D=100 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G4
		5154	AUTOM. $\Phi$ 40 D=100 kN	7805	ROCKINGER	400A45
				7806	RINGFEDER	864
	CCP 3158 (Central Axle Cross Member) D=100 kN (140 mm x 80 mm)	3153	AUTOM. $\Phi$ 40 D=100 kN	7805	ROCKINGER	400A45
				7806	RINGFEDER	864
	CCP 6154 (Central Axle Cross Member) D=120 kN (160 mm x 100 mm)	5150	AUTOM. $\Phi$ 40 D=120 kN	7805	ROCKINGER	400A50
				7806	RINGFEDER	865
ML180E25/ML190EL25 ML180E28/ML190EL28 ML180E30/ML190EL30	CCP 6150 D=100 kN (140 mm x 80 mm)	3151	AUTOM. $\Phi$ 50 D=100 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G4
		5154	AUTOM. $\Phi$ 40 D=100 kN	7805	ROCKINGER	400A45
				7806	RINGFEDER	864
ML100E..W ML140E..W	CCP 6153 D=70 kN (120 mm x 55 mm)	3150	AUTOM. $\Phi$ 50 D=70 kN	7805	ROCKINGER	500A31
				7806	RINGFEDER	80G3
		5153	AUTOM. $\Phi$ 40 D=70 kN	7805	ROCKINGER	400A35
				7806	RINGFEDER	863



# CHAPTER C

## NEW ENGINE FEATURES



<b>Introduction</b>	<b>C.2</b>
<b>Euro 4 Emission Levels</b>	<b>C.3</b>
<b>Engine Characteristics</b>	<b>C.7</b>
<b>Engine Type Technical Code</b>	<b>C.8</b>
<b>4 Cylinder Engine performance</b>	<b>C.9</b>
<b>6 Cylinder Engine performance</b>	<b>C.10</b>
<b>Engine positioning</b>	<b>C.12</b>

## INTRODUCTION

All EuroCargo models are equipped with New engines from the Tector family, which is greatly appreciated for its excellent torque and high flexibility at low revolutions and for a wide range of rpm providing best in class performance and reliability

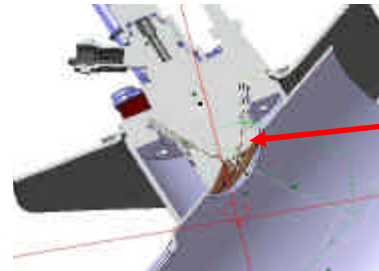
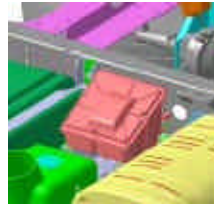
To match new Euro 4 legislation New Tector Engine contents:

- \* New Combustion chamber
- \* New Injectors and Rail (injection fuel pressure increased to 1600 bar)

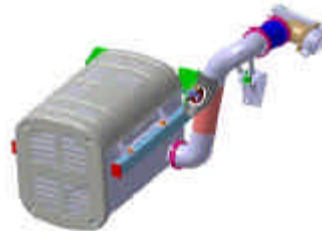


- \* New EDC7 ECU with new software to manage VCM (Vehicle Control Module) and DCU (Dosing Control Unit) ECUs

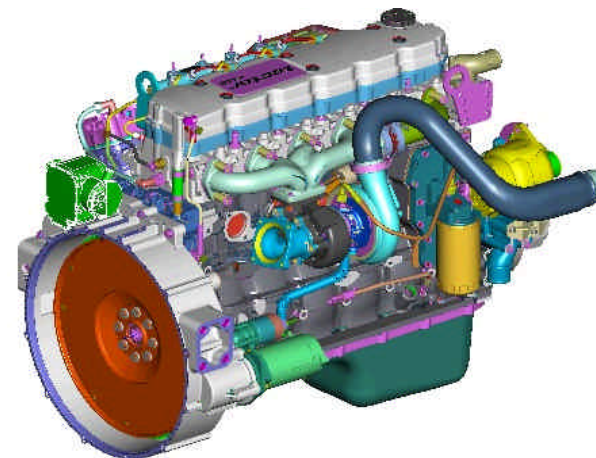
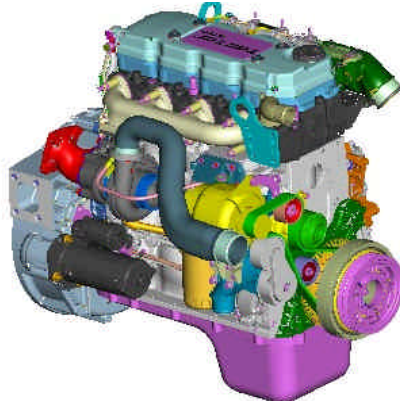
- \* New Urea Dosing System (UDS)



- \* New SCR after-treatment System



- \* New turbocharger position



## EURO 4 EMISSION LEVELS

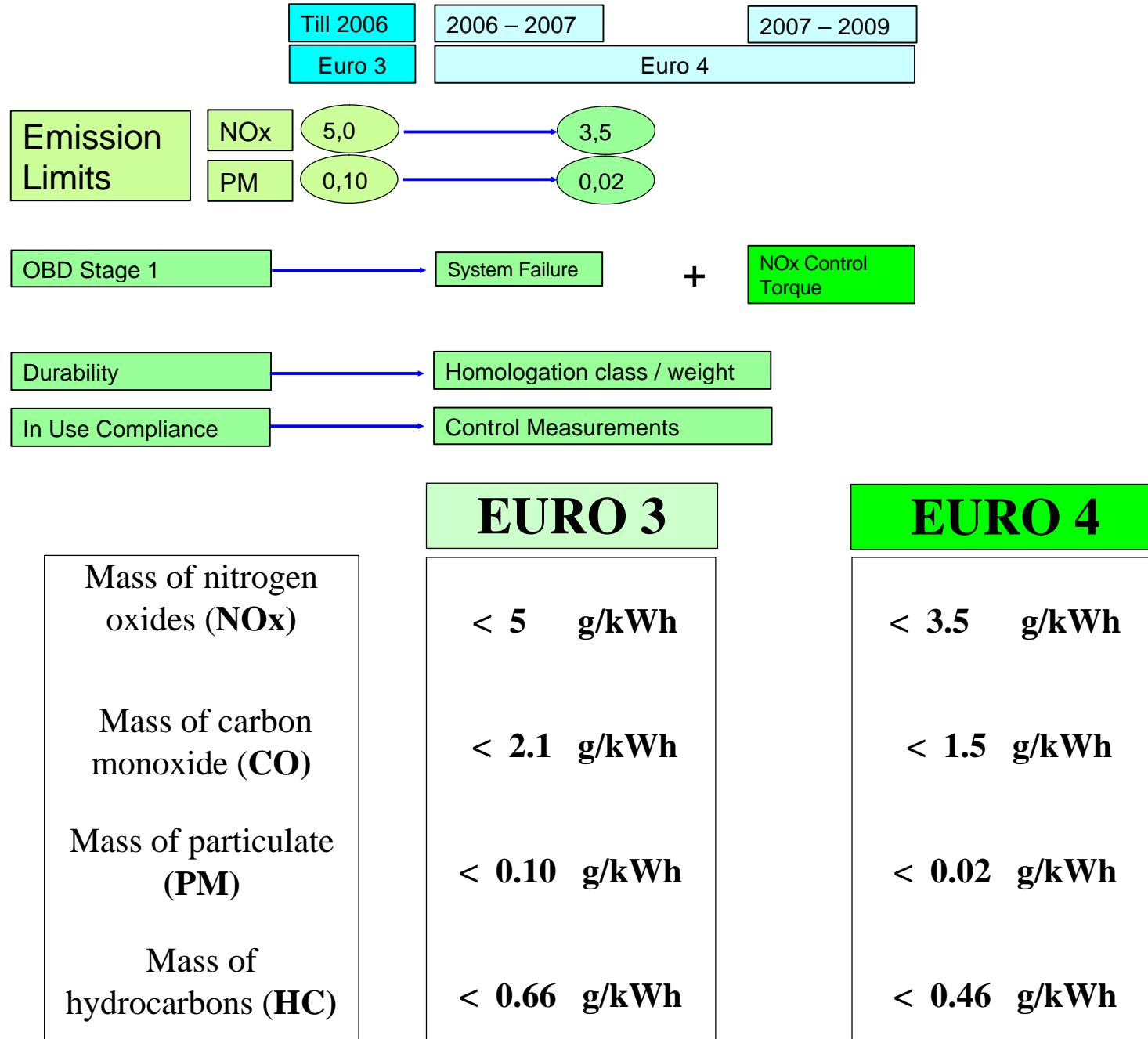
Current regulations (EEC 88/77-EC1999/96-EC 2001/27- EC 2005/55) allow registration of Euro 3 vehicles and also those with Euro 4 or Euro 5 emission levels, however, they don't establish any other constraints for the emission control system.

Euro 4 vehicles coming into service after October the 1<sup>st</sup>, 2006 (October the 1<sup>st</sup>, 2005 for new type approvals) will have to be fitted with a diagnostics system (On Board Diagnostics) covering operation of the emission reduction system. For SCR a telltale will have to light up when the AdBlue level drops below a certain value (minimum 10% of the tank capacity). An 'irregular engine operation' telltale will light up when the tank is empty.

One year after introduction of phase one – from October 1, 2007 for new registrations (starting October 1, 2006 for new type approvals) – all Euro 4 vehicles must be equipped with a system encouraging conformity with the law', independent of the technology adopted. If the nitrogen oxide content exceeds the maximum permitted value by a certain measure the warning 'irregular engine operation' will appear on the instrument panel and this anomaly will be recorded by the onboard computer. If the pre-alarm level is continuously exceeded (or if the urea tank is empty) this will initiate a procedure governed by the electronic fuel injection management system to reduce engine torque. This reduction will take place after the vehicle's ignition is next turned off.

In accordance with the new Euro 4 regulations, the useful-life or durability periods, defined as a distance or time over which compliance with emission limits has to be assured as a part of the requirements of type-approval, are fixed as follow:

- \* 100.000 km or 5 years for category: **N1** (< 3.5 ton)
- \* 200.000 km or 6 years for category: **N2** (> 3.5 ton, ≤ 12 ton) and **N3** (> 12 ton, ≤ 16 ton)
- \* 500.000 km or 7 years for category: **N3** (> 16 ton)



## EURO 4 EMISSION LEVELS

Conformity with future Euro 4 standards requires a considerable reduction in NO<sub>x</sub> and particulate emission levels. Eurocargo is already able to meet these environmental requirements, satisfying the regulations which will be introduced. Cutting down nitrogen oxides in the exhaust system by means of an additive – AdBlue – is the solution Iveco has adopted on the medium and heavy range.

All Eurocargo Models are therefore equipped with the SCR (Selective Catalytic Reduction) system with a new and optimised tractor engine, a urea tank, an AdBlue dosing system and a catalytic converter.

Choosing this exhaust after-treatment method also means Eurocargo will meet emission standards established in the Euro 5 Directive ahead of time.

The Euro 4 Directive reduce particulate emissions by 80% and nitrogen oxides by 30% compared to Euro 3 levels. The Euro 5 Directive then requires a further 40% reduction for nitrogen oxides

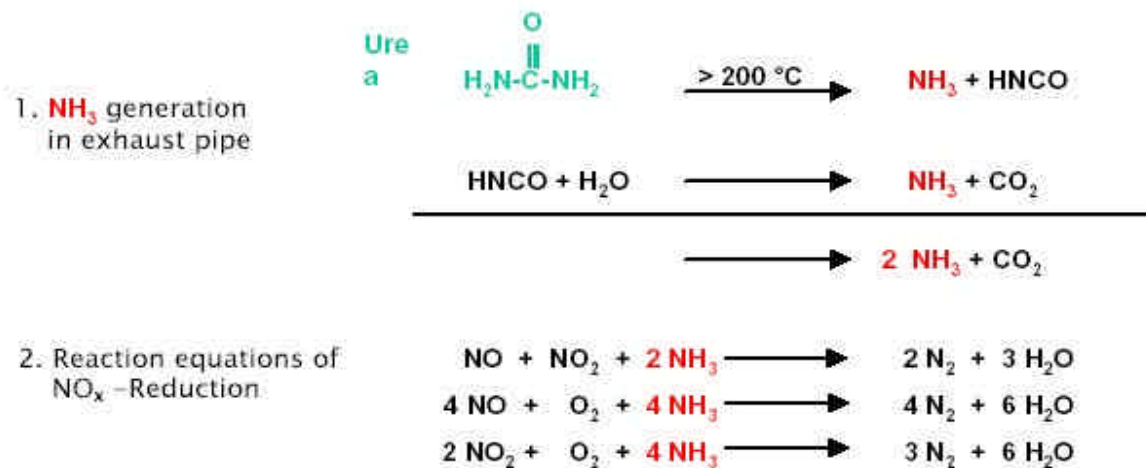
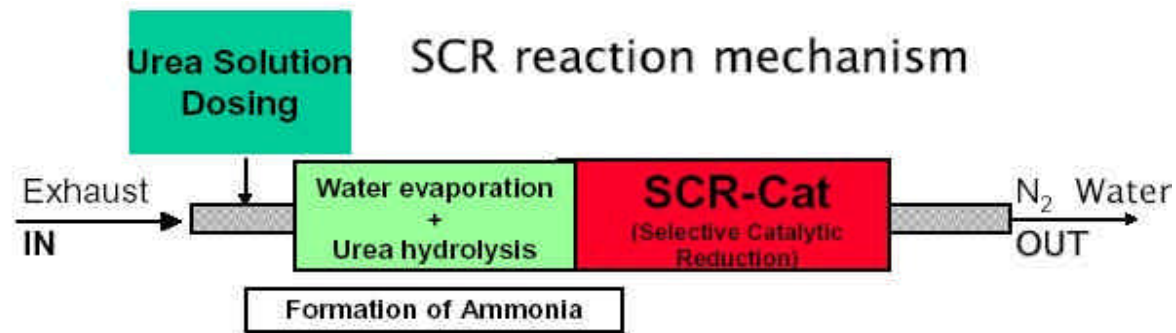
The SCR – Selective Catalytic Reduction – solution consists of optimising engine combustion to achieve maximum reduction of the particulate content in exhaust gases. Engine performance is improved and this leads to lower fuel consumption. To eliminate the percentage of nitrogen oxides in exhaust gases that exceed the limit, first a reducing agent is added to the gases and then these are treated by a catalytic filter in the silencer. This procedure converts the nitrogen oxides into entirely harmless nitrogen and water vapour. The reducing agent is ammonia, stored in the form of a urea-based aqueous solution and marketed under the brand name AdBlue. SCR technology means that particulate filtration is superfluous inasmuch as this type of emission is cut down directly during the combustion phase, while the catalytic converter burns up the remaining particulate simultaneous with treatment of the nitrogen oxides.



A basic advantage of the SCR system is that it can satisfy both Euro 4 and Euro 5 emission level requirements, which means Eurocargo has been able to develop a solution for both emission levels simultaneously.

Post-treatment is based on a simple principle: the chemical reaction of ammonia (NH<sub>3</sub>) with the nitrogen oxides NO and NO<sub>2</sub> to produce two harmless substances – water vapour (H<sub>2</sub>O) and nitrogen (N<sub>2</sub>). These are the relevant formulas:





AdBlue is the name used internationally for an additive developed for the chemical and motoring sectors.

It's an extremely high purity, 32.5% aqueous solution of urea (minimum 31.8% - maximum 33.3%) that transforms nitrogen oxides into nitrogen ( $\text{N}_2$ ) and water vapour ( $\text{H}_2\text{O}$ ) by means of chemical reduction.

Content of various metals must not exceed 0.2 mg/kg for each of them in order not to contaminate the catalytic converter.

The composition and quality standards are regulated by DIN 70070.

## ENGINE CHARACTERISTICS

The Engine Family for EuroCargo Euro4 is composed of :

New!

- \* 4 Cylinder - 3920 cc Capacity  
- Turbocharger - Waste Gate / Intercooler : E14, E16, E18
- \* 6 Cylinder - 5880 cc Capacity  
- Turbocharger - Waste Gate / Intercooler : E18, E22, E25, E28, E30

### 4 CYLINDERS

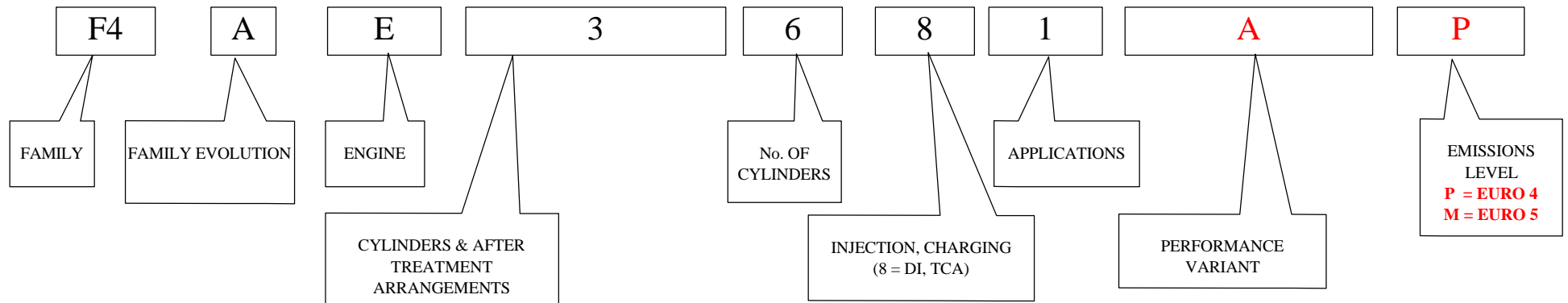
### 6 CYLINDERS

Engine Commercial name	E14	E16	E18	E18	E18	E22	E25	E28	E30
<b>Engine type EURO 4</b>	F4AE3 4 81C*P	F4AE3 4 81D*P	F4AE3 4 81B*P	F4AE3 4 81A*P	F4AE3 6 81C*P	F4AE36 81B*P	F4AE36 81D*P	F4AE3 6 81E*P	F4AE36 81A*P
<b>Engine type EURO 5</b>	F4AE3 4 81C*M	F4AE3 4 81D*M	F4AE3 4 81B*M	F4AE3 4 81A*M	F4AE3 6 81C*M	F4AE36 81B*M	F4AE36 81D*M	F4AE3 6 81E*M	F4AE36 81A*M
<b>Intake</b>	TCA - Waste Gate				TCA - Waste Gate				
<b>Flywheel housing</b>	SAE 2				SAE 2		SAE 1		
<b>Cooling</b>	Water				Water				
<b>Injection</b>	Direct				Direct				
<b>N. of cylinders</b>	4				6				
<b>Total displacement [ cc ]</b>	3920				5880				
<b>Bore x stroke [ mm ]</b>	102 x 120				102 x 120				
<b>Max. power output</b>	103 kW (140 HP)	118kW (160 HP)	130kW (177 HP)	134kW (182 HP)	135kW (183 HP)	160kW (217 HP)	185kW (251 HP)	205kW (279 HP)	220kW (299 HP)
<b>Speed [rpm]</b>	2700	2700	2700	2700	2700	2700	2700	2500	2500
<b>Max. torque</b>	460Nm (47kgm)	530Nm (54kgm)	570Nm (58kgm)	610Nm (62kgm)	650Nm (66kgm)	680Nm (69kgm)	850Nm (87kgm)	950Nm (97kgm)	1050Nm (107kgm)
<b>Peak Torque Speed</b>	1200 - 2100	1200 - 2100	1250 - 2100	1300 - 2100	1200 - 2100	1200 - 2100	1250 - 2100	1250 - 2100	1250 - 1850
<b>Injection</b>	High Pressure Common Rail (TAA HPCR) Electronic				High Pressure Common Rail (TAA HPCR) Electronic				
<b>Cold-starting</b>	Yes				Yes				
<b>Heated filter</b>	Yes				Yes				
<b>Weight, dry [ kg ]</b>	360				470				
<b>Total oil capacity [ l ]</b>	8.3				11.6				

**Note: Euro 5 Engine rating available as CCP 14510 (Euro 5 -2006 compliant)**

## ENGINE TYPE TECHNICAL CODE

The key for reading " TECTOR" Engine Type on above table is following:



Please be aware the key reading of the last Engine Type digit is related to the "EMISSION LEVEL":

**P** : is for EURO 4 emission level

**M** : is for EURO 5 emission level

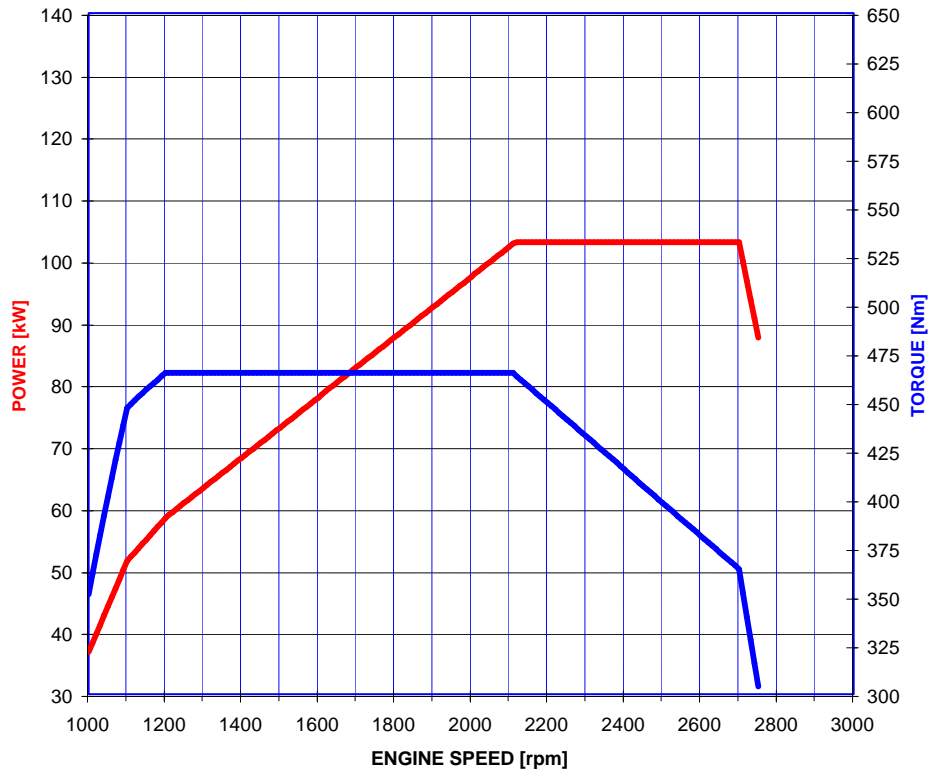
# 4 CYLINDER ENGINE PERFORMANCES

IVECO F4AE3481C\*P

IVECO F4AE3481D\*P

— MAXIMUM POWER 103 kW (140 CV) at 2700rpm  
— MAXIMUM TORQUE 465 Nm (48 kgm) at 1200 rpm

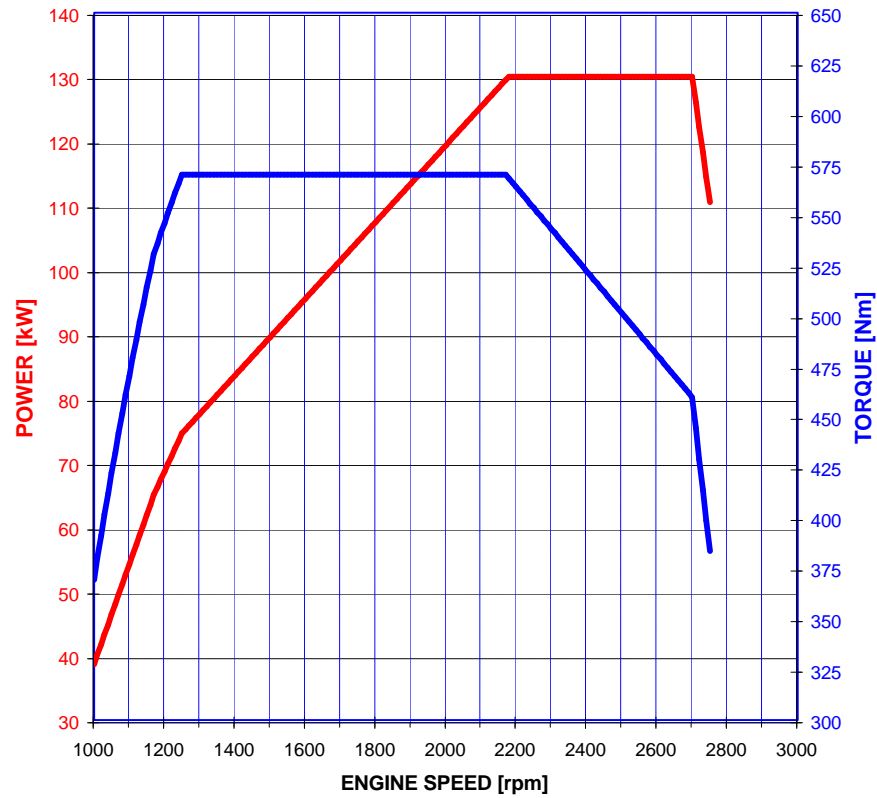
— MAXIMUM POWER 118 kW (160 cv) a 2700 rpm  
— MAXIMUM TORQUE 535 Nm (55 kgm) a 1200 rpm



## 4 CYLINDER ENGINE PERFORMANCES

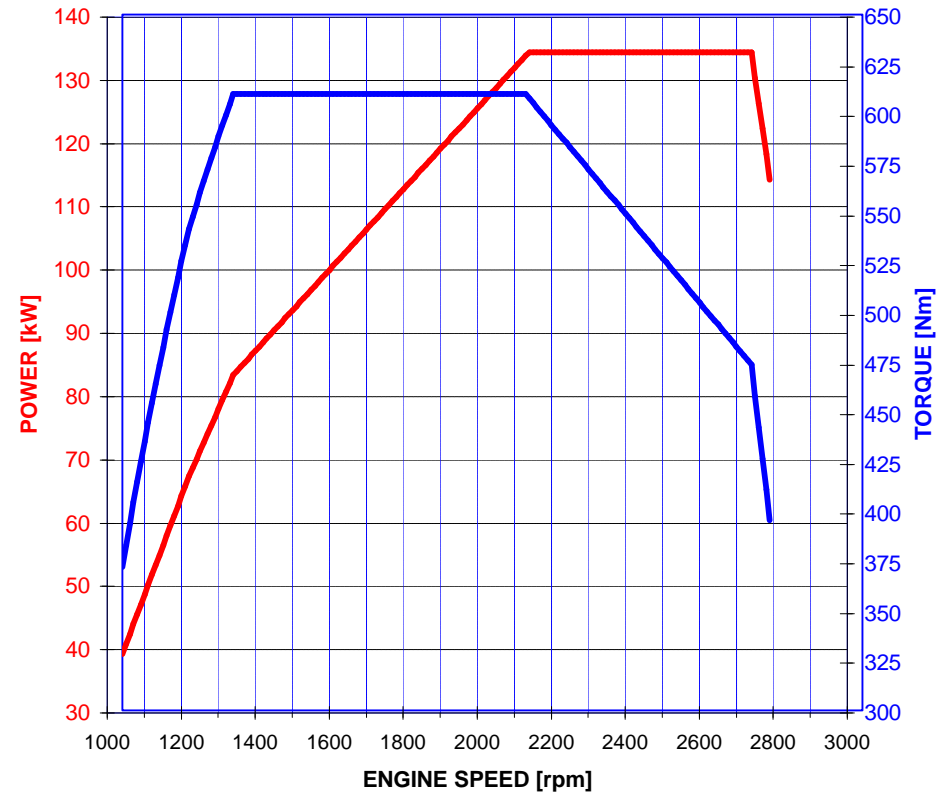
IVECO F4AE0481B\*P

— MAXIMUM POWER 130 kW (177 cv) a 2700 rpm  
— MAXIMUM TORQUE 570 Nm (59 kgm) a 1250 rpm



IVECO F4AE3481A\*P

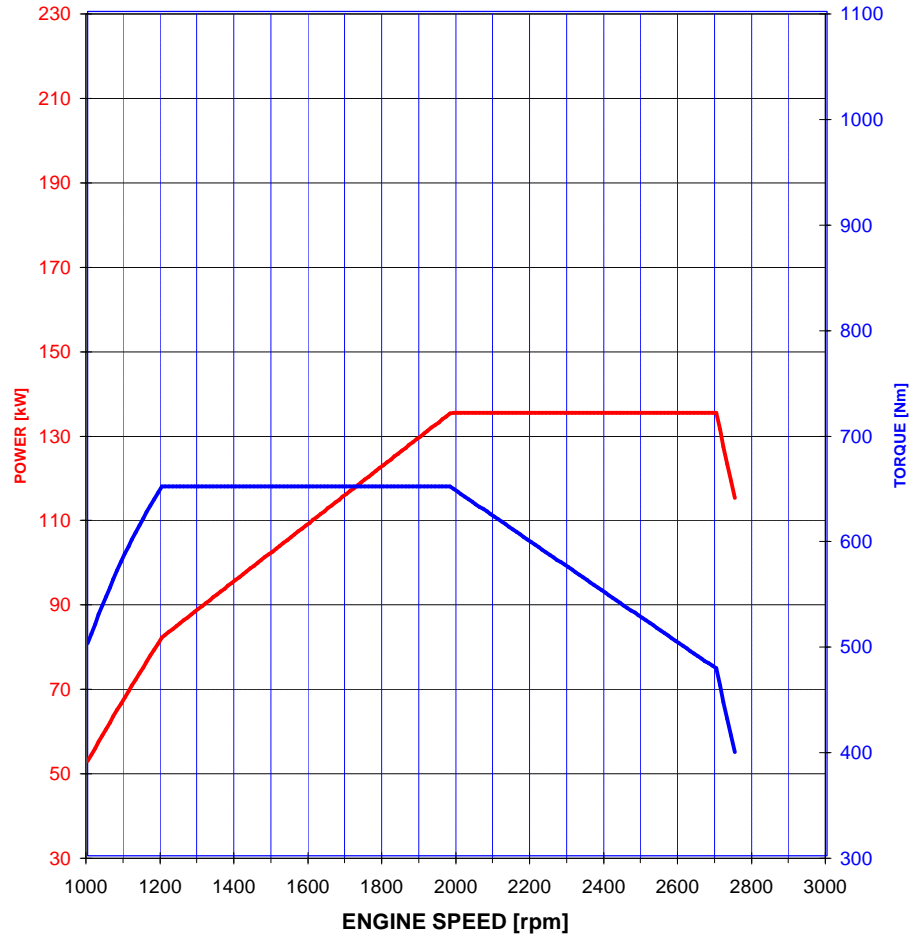
— MAXIMUM POWER 134 kW (182,24 cv) a 2700 rpm  
— MAXIMUM TORQUE 610 Nm (63 kgm) a 1300 rpm



## 6 CYLINDER ENGINE PERFORMANCES

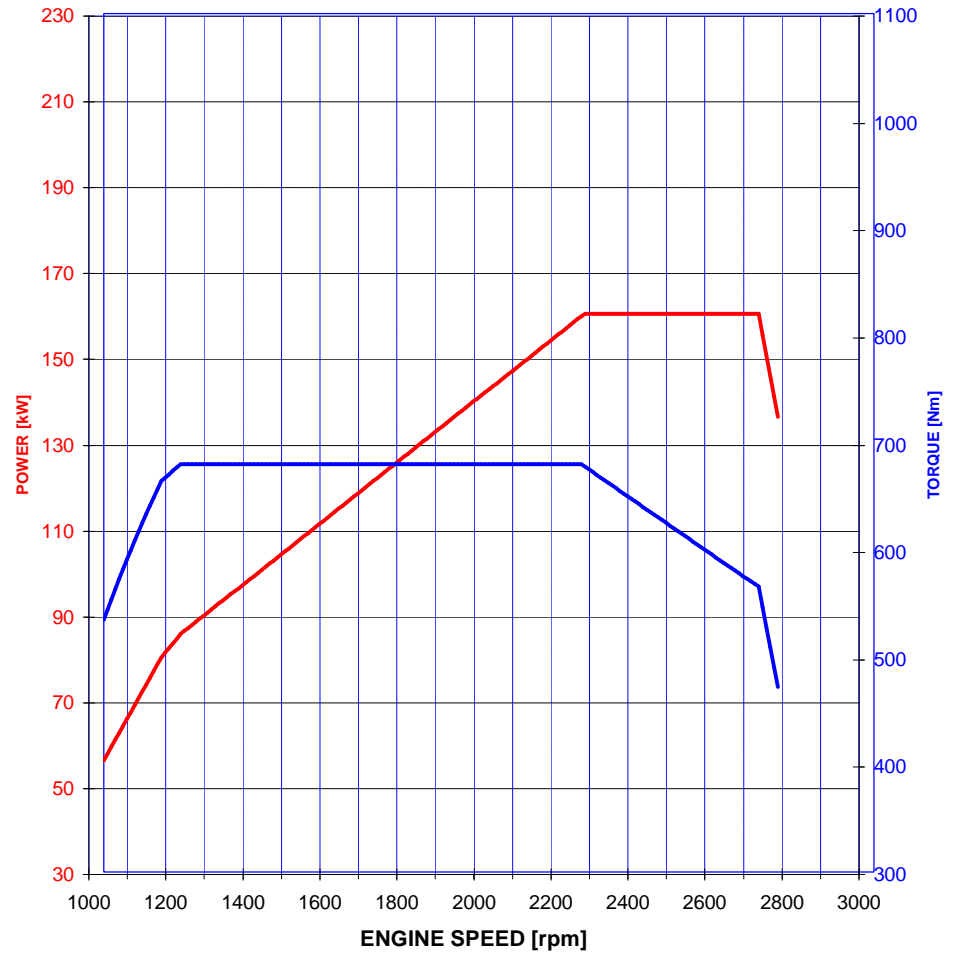
IVECO F4AE3681C\*P

— MAXIMUM POWER 135 kW (183,6 cv) a 2700 rpm  
— MAXIMUM TORQUE 650 Nm (67 kgm) a 1200 rpm



IVECO F4AE3681B\*P

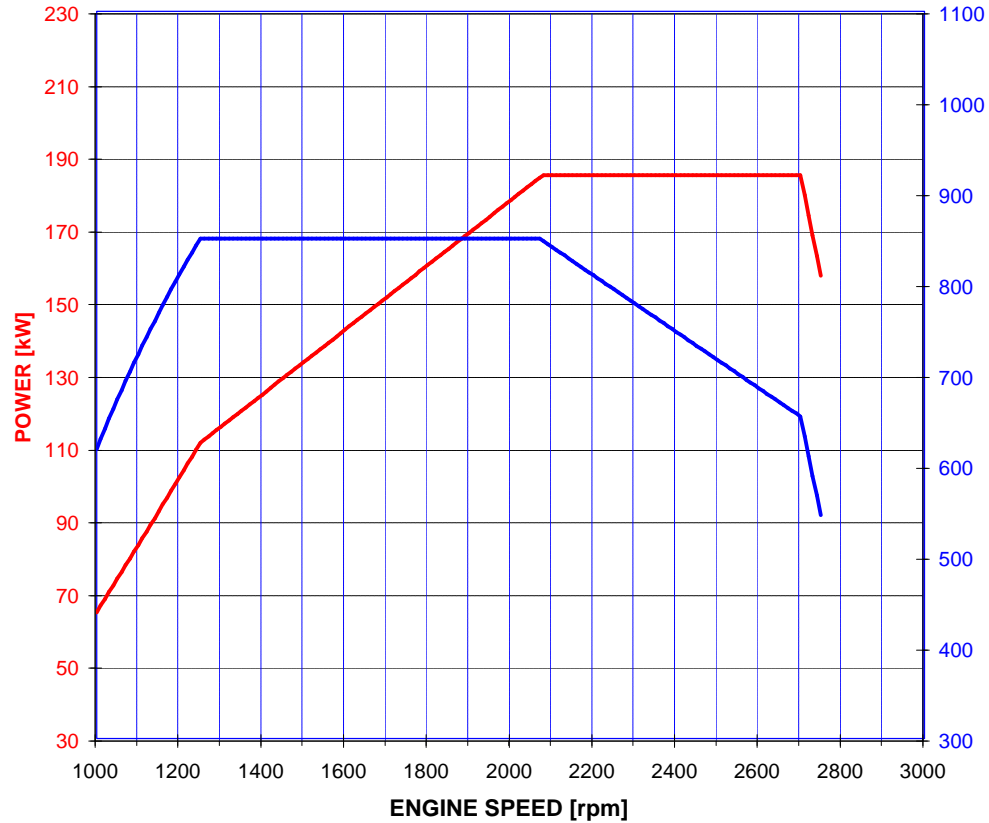
— MAXIMUM POWER 160 kW (217,6 cv) a 2700 rpm  
— MAXIMUM TORQUE 680 Nm (70 kgm) a 1200 rpm



## 6 CYLINDER ENGINE PERFORMANCES

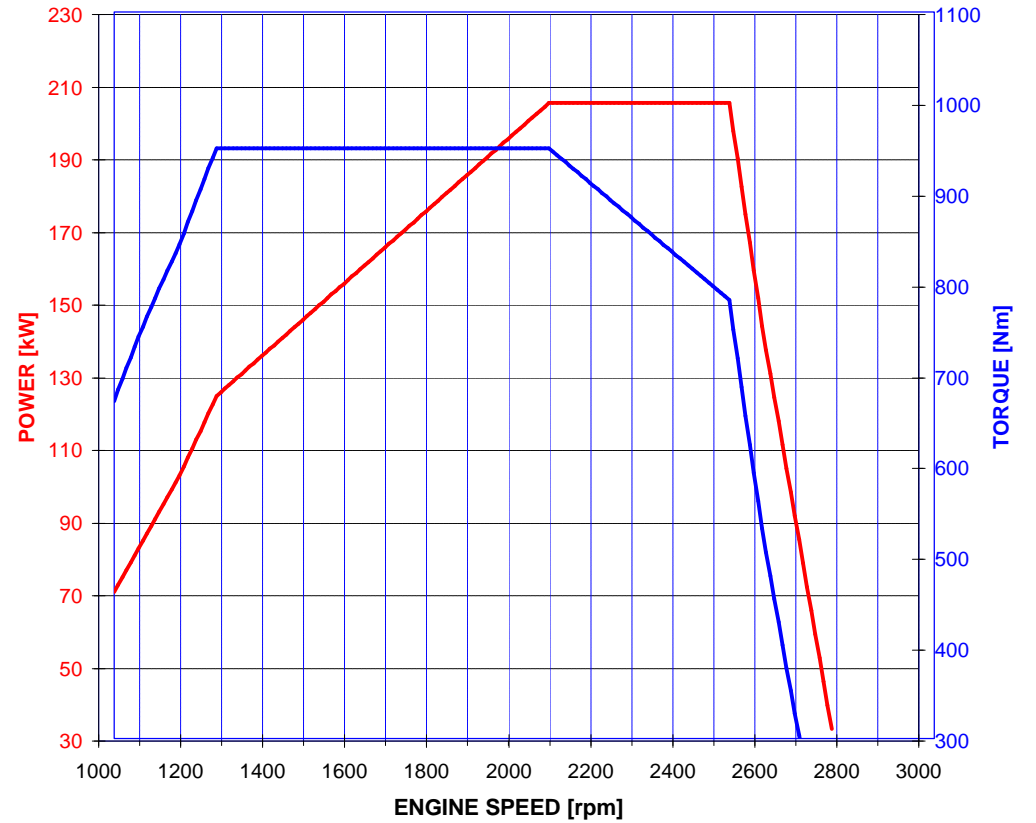
IVECO F4AE3681D\*P

- MAXIMUM POWER 185 kW (251,6 cv) a 2700 rpm
- MAXIMUM TORQUE 850 Nm (87 kgm) a 1250 rpm



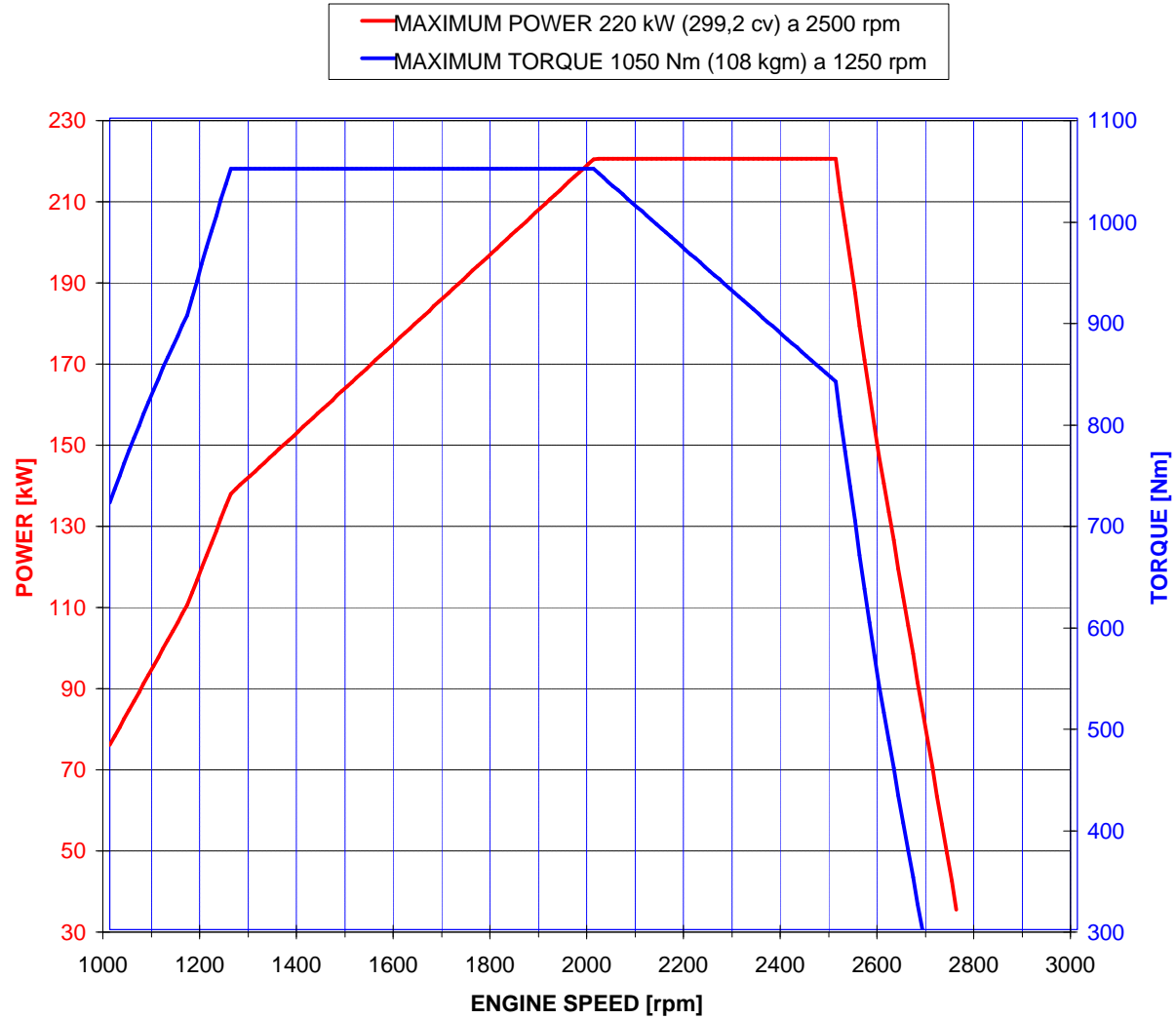
IVECO F4AE3681E\*P

- MAXIMUM POWER 205 kW (278,8 cv) a 2500 rpm
- MAXIMUM TORQUE 950 Nm (97 kgm) a 1250 rpm



## 6 CYLINDER ENGINE PERFORMANCES

IVECO F4AE3681A\*P





## ENGINE POSITIONING

### CURRENT 4 CYLINDER ENGINE

### NEW 4 CYLINDER ENGINE

Engine	E13	E15	E17
<b>Intake</b>	TCA - Waste Gate		
<b>Cooling</b>	Water		
<b>Injection</b>	Direct		
<b>N. of cylinders</b>	4		
<b>Total displacement [ cc ]</b>	3920		
<b>Bore x stroke [ mm ]</b>	102 x 120		
<b>Max. power output</b>	95 kW (129 HP)	110kW (150 HP)	125kW (170 HP)
<b>Speed [rpm]</b>	2700	2700	2700
<b>Max. torque</b>	430Nm (44kgm)	490Nm (50kgm)	560Nm (57kgm)
<b>Peak Torque Speed</b>	1200 - 2100	1200 - 2100	1200 - 2100
<b>Injection</b>	High Pressure Common Rail (HPCR-1400 bar-) Electronic		

E14	E16	E18	E18
TCA - Waste Gate			
Water			
Direct			
4			
3920			
102 x 120			
103 kW (140 HP)	118kW (160 HP)	130kW (177 HP)	134kW (182 HP)
2700	2700	2700	2700
460Nm (47kgm)	530Nm (54kgm)	570Nm (58kgm)	610Nm (62kgm)
1200 - 2100	1200 - 2100	1250 - 2100	1300 - 2100
High Pressure Common Rail (HPCR-1600 bar) Electronic			

## ENGINE POSITIONING

### CURRENT 6 CYLINDER ENGINE

### NEW 6 CYLINDER ENGINE

Engine	E18	E21	E24	E28
<b>Intake</b>	TCA - Waste Gate			
<b>Cooling</b>	Water			
<b>Injection</b>	Direct			
<b>N. of cylinders</b>	6			
<b>Total displacement [ cc ]</b>	5880			
<b>Bore x stroke [ mm ]</b>	102 x 120			
<b>Max. power output</b>	134kW (182 HP)	154kW (210 HP)	176kW (240 HP)	202kW (275 HP)
<b>Speed [rpm]</b>	2700	2700	2700	2500
<b>Max. torque</b>	570Nm (58kgm)	680Nm (69kgm)	810Nm (82kgm)	930Nm (95kgm)
<b>Peak Torque Speed</b>	1200 - 2100	1200 - 2100	1250 - 2100	1250 - 2100
<b>Injection</b>	High Pressure Common Rail (HPCR-1400 bar-) Electronic			

E18	E22	E25	E28	E30
TCA - Waste Gate				
Water				
Direct				
6				
5880				
102 x 120				
135kW (183 HP)	160kW (217 HP)	185kW (251 HP)	205kW (279 HP)	220kW (299 HP)
2700	2700	2700	2500	2500
650Nm (66kgm)	680Nm (69kgm)	850Nm (87kgm)	950Nm (97kgm)	1050Nm (107kgm)
1200 - 2100	1200 - 2100	1250 - 2100	1250 - 2100	1250 - 1850
High Pressure Common Rail (HPCR-1600 bar-) Electronic				

## ENGINE POSITIONING

IVECO			MB			MAN				
Euro4 SCR			Euro4 SCR			Euro4 EGR+PM KAT				
Power (Cv)	Torque (Nm)	Disp. (cm <sup>3</sup> )	Power (Cv)	Torque (Nm)	Disp. (cm <sup>3</sup> )	Power (Cv)	Torque (Nm)	Disp. (cm <sup>3</sup> )		
<b>4 Cyl.</b>	140 (2700 rpm)	460 (1200-2100 rpm)	<b>3920 (Tector 102x120)</b>	129 (2200 rpm)	500 (1200-1600 rpm)	<b>4200 (OM904R4)</b>			<b>4580 (D0834L)</b>	
	160 (2700 rpm)	530 (1200-2100 rpm)		156 (2200 rpm)	610 (1200-1600 rpm)		<b>4800 (OM924R4)</b>	150 (2400 rpm)		570 (1400 rpm)
	177 (2700 rpm)	570 (1250-2100 rpm)		177 (2200 rpm)	675 (1200-1600 rpm)			180 (2400 rpm)		700 (1400 rpm)
	182 (2700 rpm)	610 (1250-2100 rpm)								
				218 (2200 rpm)	810 (1200-1600 rpm)		<b>4800 (OM924R4)</b>	206 (2400 rpm)		830 (1400 rpm)
<b>6 Cyl.</b>	183 (2700 rpm)	650 (1200-2100 rpm)	<b>5880 (Tector 102x120)</b>			<b>6400 (OM906R6)</b>			<b>6871 (D0836L 108X125)</b>	
	217 (2700 rpm)	680 (1200-2100 rpm)								
	251 (2700 rpm)	850 (1250-2100 rpm)		238 (2200 rpm)	850 (1200-1600 rpm)		240 (2400 rpm)	925 (1200-1800 rpm)		
	279 (2500 rpm)	950 (1250-2100 rpm)		256 (2200 rpm)	970 (1200-1600 rpm)		280 (2400 rpm)	1100 (1200-1750 rpm)		
	299 (2500 rpm)	1050 (1250-1900 rpm)		286 (2200 rpm)	1120 (1200-1600 rpm)		336 (2400 rpm) -biturbo-	1250 (1200-1740 rpm)		



## CHAPTER D NEW EQUIPMENT FEATURES

### Vehicle specifications

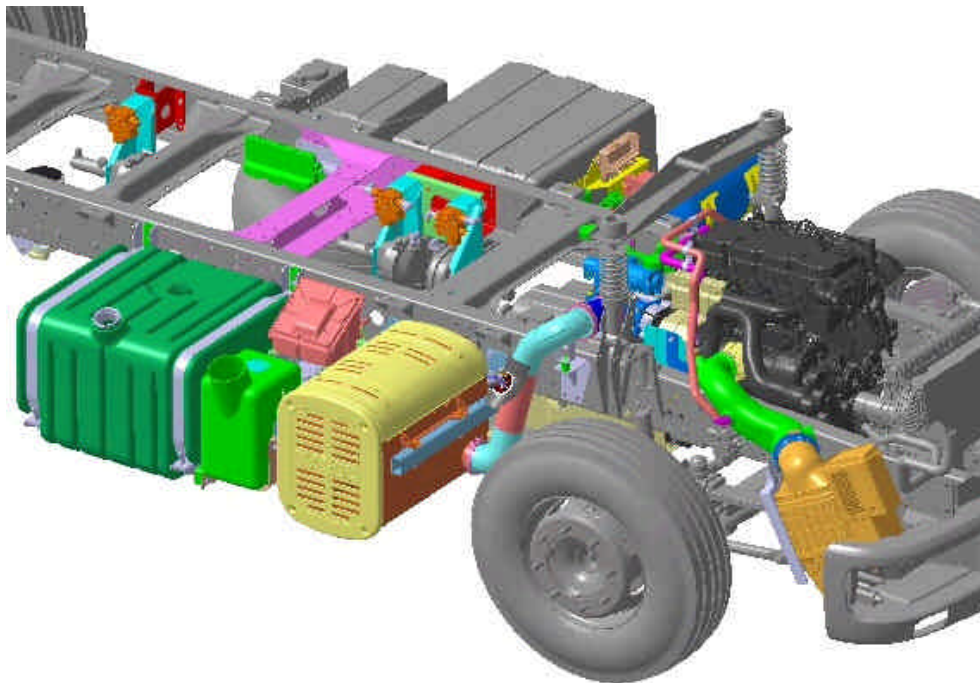
- New Dashboard mounted gear lever
- Internal trim
- External cab

### D.2

### Cab features

### D.12

- Cluster
- Speed limiter
- Radio stereo
- Connections for body builders
- Electronic vehicle architecture
- Expansion Module (EM)
- Vehicle Control Module (VCM)
- Modulo Elettronico Telaio (MET) and IVECO Body Controller 3 (IBC3)
- Remote central locking
- Immobiliser
- Exhaust brake



### Standard Chassis Features

### D.35

- New air intake arrangements
- New exhaust arrangements
- Urea tank
- Tilting cab device and air tank
- Frames
- Frame Plating

# **VEHICLE SPECIFICATIONS**

## NEW DASHBOARD MOUNTED GEAR LEVER

EuroCargo Euro 4 implies important changes, mainly on the Internal cab and on the chassis

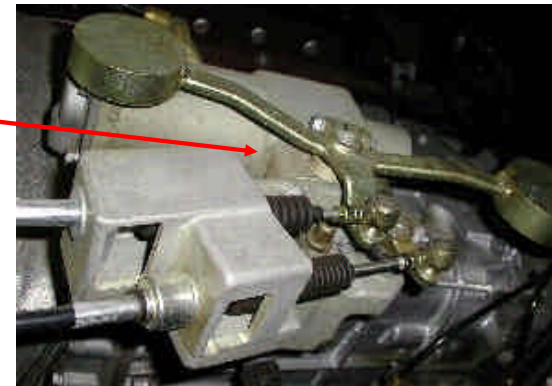
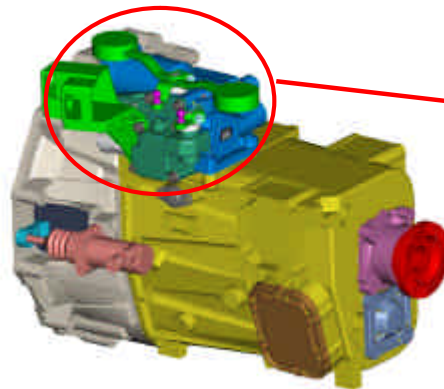
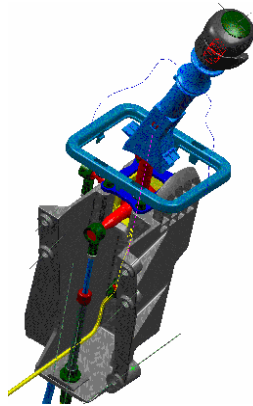
- **DASHBOARD MOUNTED GEAR LEVER**
- Push-pull flexible cable from the lever to the Servoshift
- Servoshift



*New!*



*New!*



## NEW DASHBOARD MOUNTED GEAR LEVER

### 9 SPEED GEARBOX - SIMPLE H OPERATION



LOW → HIGH RANGE

- Turn the range selector into High "H" position
- The low gears indicator goes off ("orange turtle" in the cluster)
- Press the clutch and change gear

HIGH → LOW RANGE

- Down-shift till having the 5th gear inserted
- Turn the range selector to Low "L" position (low range indicator will blink – "orange turtle")
- Press the clutch and change into 4<sup>th</sup> gear (range change High to Low takes place only from neutral position)

#### NOTE

- If engine revs are above 2200 rpm or truck speed is more than 19 km/h, while turning the selector in "Low" position, a buzzer will go on to warn that down shifting gear can potentially increase engine revs into red zone. In this condition, the only possible operation is down shift to 4th or 3rd gears.
- Below 19 km/h, change from High to Low range is allowed without any restriction. All gears can be selected

## STANDARD VEHICLE SPECIFICATIONS

### Internal cab trim :

\* Central Head Console fully built for all models with open/closed storages

\* Storage on rear MLC cab



\* Dual Passenger bench with folding backrest as a standard for all MLC cab, available as a CCP 6617 on MLL cab





## STANDARD VEHICLE SPECIFICATIONS

- \* **Instrument Cluster (new contents)**  
( See specific session)

**New !**



- \* **MLL bunk compartments**



## STANDARD VEHICLE SPECIFICATIONS

- \* Mirrors control and additional ash-tray on the central tunnel
- \* 24 - 12 V convertor with plug (CCP 6531)



**New!**

- \* Radio stereo (CD player) with 4 speakers (2 on head console and 2 on door pocket)



**Note: CCP 598 (centre package tray) is not available in combination with:  
CCP 6637 (vinyl dual bench),  
CCP 6617 (fabric dual bench)  
and CCP 4087 (Single middle bunk)**



## STANDARD VEHICLE SPECIFICATIONS

- \* **Emergency portable lamp, triangle and cab tilting bars positioning:**
  - behind driver seat on MLC cab
  - insulated tool box on MLL cab



- \* **Storage box on seat base with new closure mechanism**



## INTERNAL TRIM

- \* **Unified Steering wheel diameter (F = 465 mm) with controls:**
  - **Angular: 17°**
  - **Vertical: 50 mm**



- Angular: 17°



- Vertical: 50 mm

- \* **Spacious glove box with lid**



## EXTERNAL CAB



**BADGING EURO 4 INCLUDED IN STANDARD “EURO 4 RATING”  
CCP 14509 (Euro 4 - 2006 compliant)**



**BADGING EURO 5 INCLUDED IN OPTION “EURO 5 RATING”  
CCP 14510 (Euro 5 - 2006 compliant)**

## EXTERNAL CAB

- \* **Head lamp protection grid (CCP 553)**



- \* **Jet headlamp washer (CCP 2558)**

- \* **Foglights (CCP 6555)**

- \* **Front towing hook (Standard)**  
(fitted in the opposite driver side)

**Note:** the 120E-190EL front towing hook execution is available on 60E-120EL models as a CCM 13732



**60-120EL models execution**



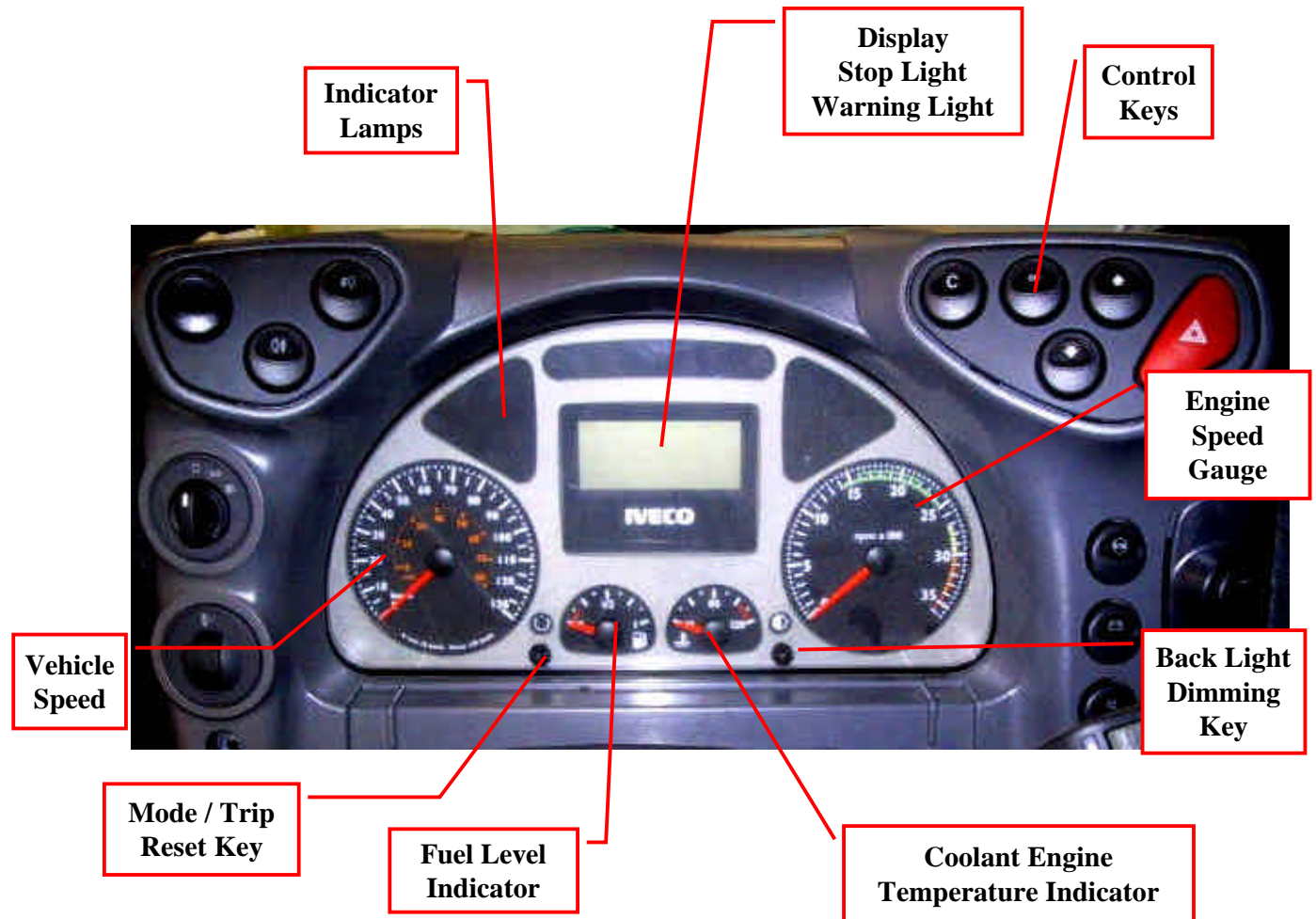
**120E-190EL models execution**

# **CAB FEATURES**

## CLUSTER

The Iveco Euro 4 Instrument Cluster, located on the vehicle dashboard, is to present to the driver additional information such:

- \* Status and driver actuation feedback
- \* Engine data
- \* Brake data
- \* Warnings
- \* Trip Data
- \* Diagnostic information
- \* Maintenance information





# CLUSTER

**New !**

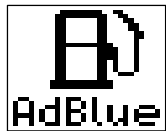


**AdBlue low level warning - active**

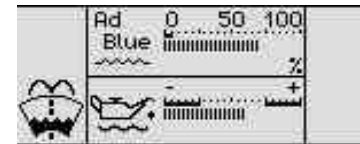
**New !**



**Urea Dosing Unit Warning**



**Urea Level**



**AdBlue level visualization**



**Warnings of new ECU 'UDS' (SCR)**



**Errors of new ECU 'UDS' (SCR)**

## CLUSTER

### Display

The Display characteristics are following:

- \* LCD, Dot matrix
- \* Monochrome
- \* Resolution: 64x156 pixels
- \* Active area dimensions: 35x85 mm
- \* Background Lighting
- \* High contrast in daylight and at night
- \* Large viewing angle (more than 60°)


### Background Lighting


The Cluster ECU permits the Background Lighting of the Instruments and Display and it is activated when the Parking Lights are on. The control of the dimming is obtained by dedicated “Dimming” control Key (see picture) to achieve the best visibility in different light conditions.

### Control Keys

The Control Keys are available on High Line Cluster (CCP 4176) only.

With Up  or Down  Key press it is possible to move to the next or previous menu page.

With Cancel Key (  ) press it is possible to move to the first menu page or, for sub-pages, to the above level. In case of contemporary activation of more keys, the Cancel Key has the priority.

With (  ) Key press it is possible to confirm the selected choice



## CLUSTER

The same Instrument Cluster lay out is used in two different versions:

### \* Base Line (Standard)

Base functionality as follow:

- \* Vehicle Speed
- \* Engine Speed Gauge
- \* Fuel Level and Engine Coolant Temperature Indicators
- \* Urea Level Indicator
- \* Indicator and Warning Lights
- \* Diagnostic
- \* Engine Oil Level
- \* Engine Hour Counter
- \* Electrical Mirrors Adjustment Icon
- \* Headbeam Adjustment

**New !**

no external Control Keys are provided.

### \* High Line (CCP 4176)

Same Base Line functionality plus:

- \* Maintenance plan
- \* Extended Diagnostic
- \* 2 Trip Computers
- \* Lights Check

In addition to the above functionality the High Line Version uses 4 Control Keys for driver's control. (see picture in the previous page).



**Mode / Trip  
Reset Key**



## CLUSTER

The graphical display shows the informations, on different pages as Text, Icon, Bar Graph Instrument as follow:



The driver can move (navigate) through the Display Pages either the Instrument Cluster Mode / Trip Reset Key or the Control Keys.

In addition to the above informations the following Pop-up Display Page are showed too:

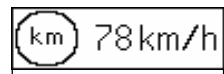
Headbeam Adjust



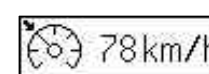
Mirrors Adjust



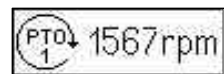
Speed Limiter



Cruise Speed



PTO Speed



Engine Idle Speed



**New !**

## CLUSTER

**The Instrument Cluster calculates and maintains 3 sets of trip data as follow:**

**\* Total Data Display**

This page is used for total vehicle operating data. The informations displayed are:

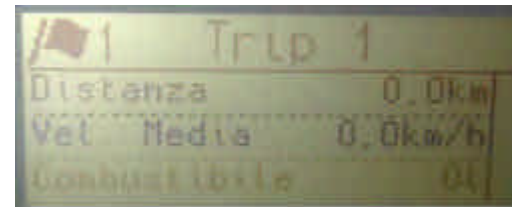
- \* Average Vehicle Speed
- \* Total Fuel Used
- \* Average Fuel Economy
- \* Total Driving Time



**\* Trip 1 Data**

This page is used for operating data calculated from last driver's reset (Mode /Trip Reset Key press):

- \* Trip 1 Distance
- \* Trip 1 Average Vehicle Speed
- \* Trip 1 Fuel
- \* Trip 1 Fuel Economy
- \* Trip 1 Driving Time
- \* Range (Autonomy)



**\* Trip 2 Data**

This page is used for operating data calculated from last ignition on:

- \* Trip 2 Distance
- \* Trip 2 Average Vehicle Speed
- \* Trip 2 Fuel
- \* Trip 2 Fuel Economy
- \* Trip 2 Driving Time
- \* Range (Autonomy)



## CLUSTER

### The Instrument Cluster keeps the record, calculate and present to the user the Maintenance Plan data

The information are displayed for each maintenance operation:

- \* Programmed Maintenance Operation Type (EP1, M1, ...)
- \* Programmed Maintenance Distance
- \* Programmed Maintenance Date
- \* Programmed Maintenance Status
  - “Not yet executed”
  - “Done at Iveco Service”
  - “Done at other Repair Shop”



The image shows a close-up of the instrument cluster's maintenance display. It features a title 'Maintenance' and a table with three rows of data. Each row contains a maintenance operation type (M1), a distance value (0), and a date (---). The display is illuminated and shows a clear, legible font.

Maintenance Operation Type	Distance	Date
M1	0	---
M1	0	---
M1	0	---

### On-Board Diagnostics

The Cluster ECU shows to the driver some warning information collected from sensors and other ECUs. More than one warning can be present at one time, when the number of icons to display exceed the position in the display, they will be presented in sequence.

Depending on the Activation Mode the warning can be signalled by:

- \* Icon on Display
- \* Warning Lamp
- \* Buzzer



The image shows a close-up of the instrument cluster's on-board diagnostics display. It features a title 'Diagnostics' and a table with three rows of data. Each row contains a diagnostic trouble code (TBC), a code (22110, 22121, 22122), a value (02, 05, 05), and a count (2, 1, 1). The display is illuminated and shows a clear, legible font.

TBC	Code	Value	Count
TBC	22110	02	2
TBC	22121	05	1
TBC	22122	05	1

## CLUSTER

### Settings

The Cluster ECU shows and the driver can select, using the External Control Keys, following

#### languages:

- \* Italiano
- \* English
- \* Deutsch
- \* Espanol
- \* Français
- \* Português



Other programmable End Of Line languages (Country defined as a specific code):

Danish, Croatian, Polish, Slovak, Slovene, Swedish, Hungarian, Finnish, Romanian, Czech, Norwegian

#### units:

- \* km, km/h, km/l
- \* km, km/h, l/100km
- \* m, mph, mpg



## SPEED LIMITER

The speed limiter is directly managed via Vehicle Control Module (VCM) ECU and therefore all EuroCargo 4x2 and 4x4 range have as standard a max. speed of 90 km/h

On EuroCargo, options for speed limiter available specific customer requests are :

	60E.. - 190EL..	100E..W	140E..W
CCP 353 120 Km/h	X		
CCP 6351 130 Km/h	X	X	X
CCP 6353 125 Km/h	X		
CCP 6354 70 Km/h	X	X	X
CCP 6355 80 Km/h		X	X
CCP 6356 90 Km/h	X	X	X
CCP 6357 95 Km/h	X	X	X
CCP 6358 100 Km/h	X	X	X
CCP 6359 110 Km/h	X	X	X



Standard VCB content

A 30 km/h **setting speed limiter** in addition to top-speed EC legal limitation is standard for all EuroCargo models.

The 30 Km/h function needs to be activated at body builder level, using the electrical 9 pin connector located in the cab under the fuse box (passenger side, near ABS/ECAS central unit; see specific section "Connections for body builders").

**Warning!**



## RADIO STEREO

As per New EuroCargo Models the CCP 6579 (24V Radio Stereo, speakers, aerial), is available for all Eurocargo Euro 4 models.

Currently, the radio fitted is a **BLAUPUNKT 24V/RDS/CD** with the following functions:

- \* 2x20W power output
- \* Electronically coded to prevent theft
- \* Search of best receivable programs broadcasted in the area
- \* 25 memory facilities (15 FM-RDS + 10 MW-LW)
- \* RDS function and single CD-Deck



**Note:** Brand and specifications could be subject to change without any notice  
(maintaining equivalent functions)

## CONNECTIONS FOR BODY BUILDERS

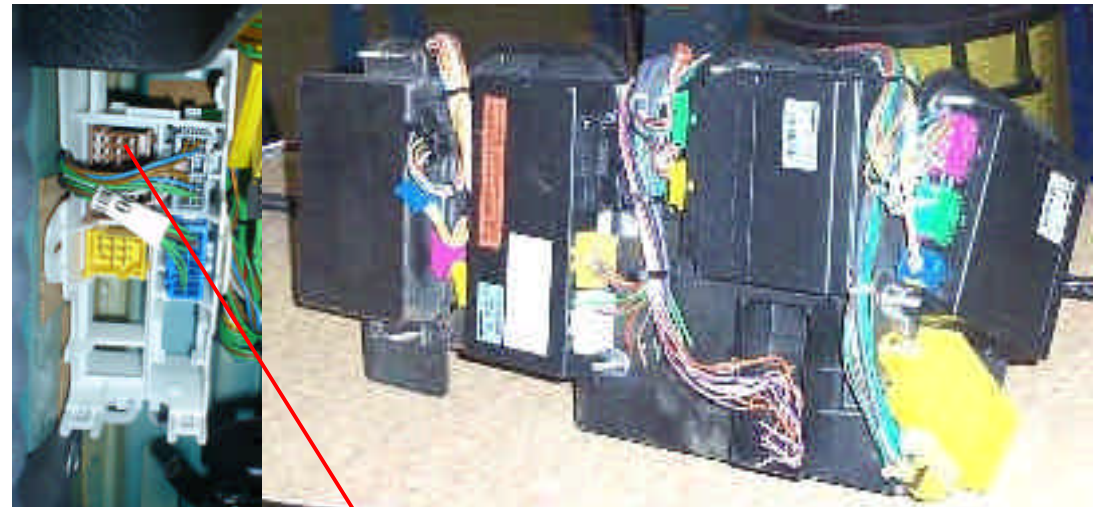
To simplify Body Builders activities (PTO control, 2<sup>nd</sup> speed limiter, ..), dedicated electrical provisions are included as standard for all EuroCargo Euro 4 models.

**New!**

### **Electrical Connector No.1 :**

A 21 pin connector (Brown colored, male) is located in the cab under the fuse box (passenger side, near ABS/ECAS central unit) and provides the following signals:

- PIN 1 Engine start, for activation short cut to PIN 17
- PIN 2 Engine stop, for activation short cut to PIN 17
- PIN 3 Brake signal (0 V when brake pedal is not pressed  
+24V when brake pedal is pressed)
- PIN 4 Vehicle standstill signal (0 V when vehicle moving  
+24V when vehicle standstill)
- PIN 5 Handbrake signal (0 V when parking brake is not engaged  
+24V when parking brake is engaged)
- PIN 6 Not connected
- PIN 7 Vehicle Speed (pulse signal)
- PIN 8 Engine status signal (0 V when engine standstill  
+24V when engine running)
- PIN 9 Gearbox status signal (0 V when neutral not engaged  
+ 24V when neutral engaged)
- PIN 10 Gearbox reverse gear signal (0 V when reverse engaged  
+24V when reverse not engaged)
- PIN 11 K15 Ignition ON, after fuse (24V-5A)
- PIN 12 Cruise Control SET+, for activation short cut pin 17
- PIN 13 Cruise Control SET-, for activation short cut pin 17
- PIN 14 Cruise Control OFF, for OFF activation short cut pin 17
- PIN 15 Cruise Control RESUME, for activation short cut pin 17
- PIN 16 Cruise Control activation by driver or Body Builders, controlled by BB short cut pin 17



**21 Pin  
Connector**

## CONNECTIONS FOR BODY BUILDERS

- PIN 17 Ground (15A)
- PIN 18 PTO Mode 1, for activation short cut PIN 17
- PIN 19 PTO Mode 2, for activation short cut PIN 17
- PIN 20 PTO Mode 3, for activation short cut PIN 17
- PIN 21 K30 Directly from the battery, after fuse (24V-10A)

**New !**

### Electrical Connector No.2 :

A 9 pin connector (Yellow colored, male) is located in the cab under the fuse box (passenger side, near ABS/ECAS central unit) and provides the following signals:

- PIN 1 30 km/h, 2<sup>nd</sup> Speed Limiter - for activation 24V
- PIN 2 Not connected
- PIN 3 Clutch status signal (0 V when clutch activated)
- PIN 4 Programmable Threshold Speed (0 V PTS not activated  
+24V PTS activated)
- PIN 5 Emergency lights input
- PIN 6 Not connected
- PIN 7 Not connected
- PIN 8 Engine Speed (pulse signal)
- PIN 9 External lights (0 V when lights OFF  
+24V when parking & low/high beam lights ON)



**9 Pin  
Connector**

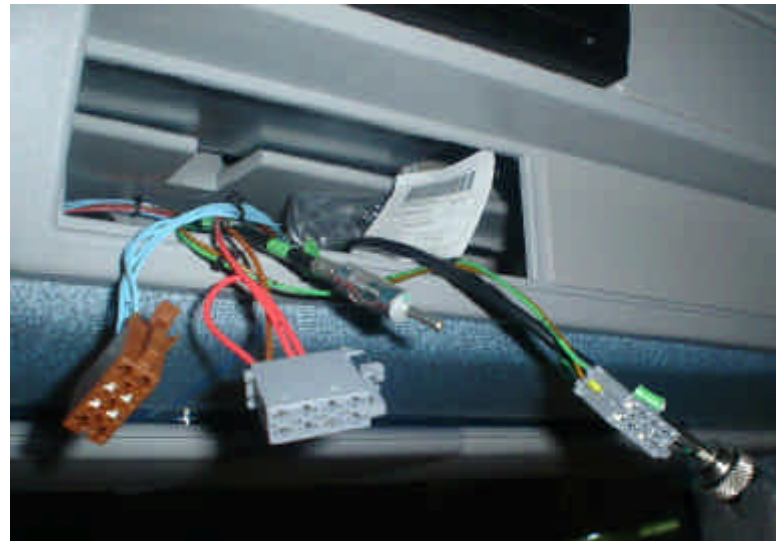
## CONNECTIONS FOR BODY BUILDERS

### Electrical Connector No.3 :

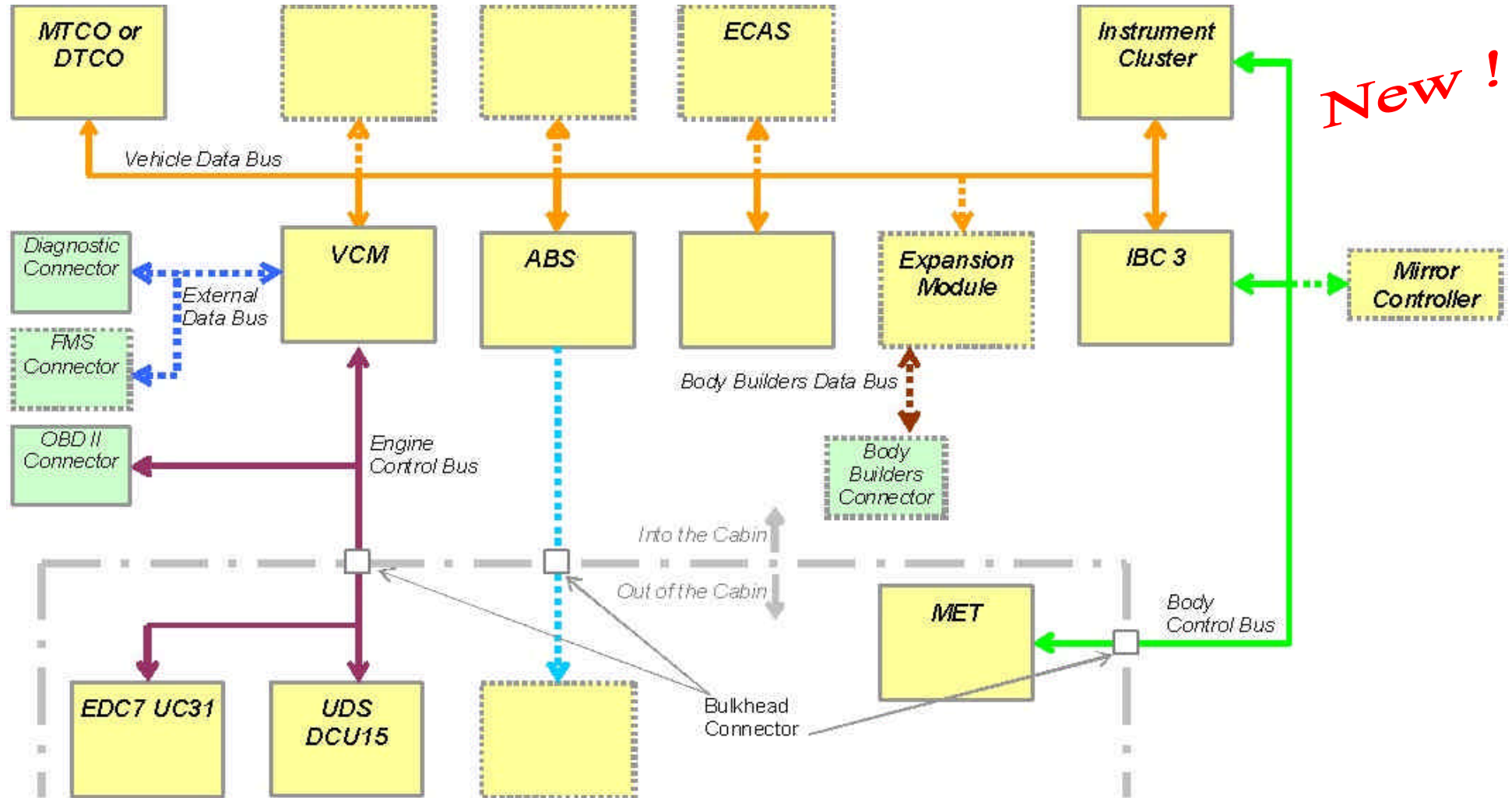
A 6 pin connector (blue colored, female) is located in the cab on the upper consolle (driver side) and provides the following signals:

PIN 1	Directly from the battery (24V-10A)
PIN 2	CAN H line
PIN 3	CAN L line
PIN 4	Ignition ON 24V-5A
PIN 5	Ground (15A)
PIN 6	+12 V

**New !**



# ELECTRONIC VEHICLE ARCHITECTURE



## EXPANSION MODULE (EM)

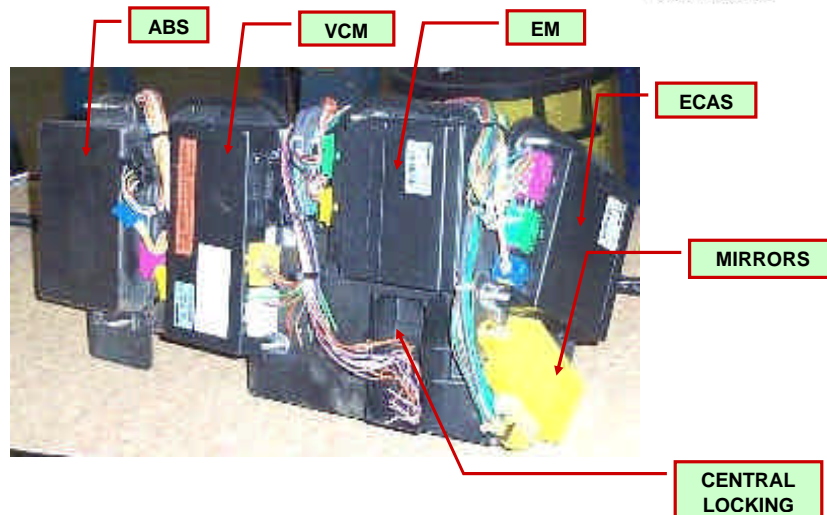
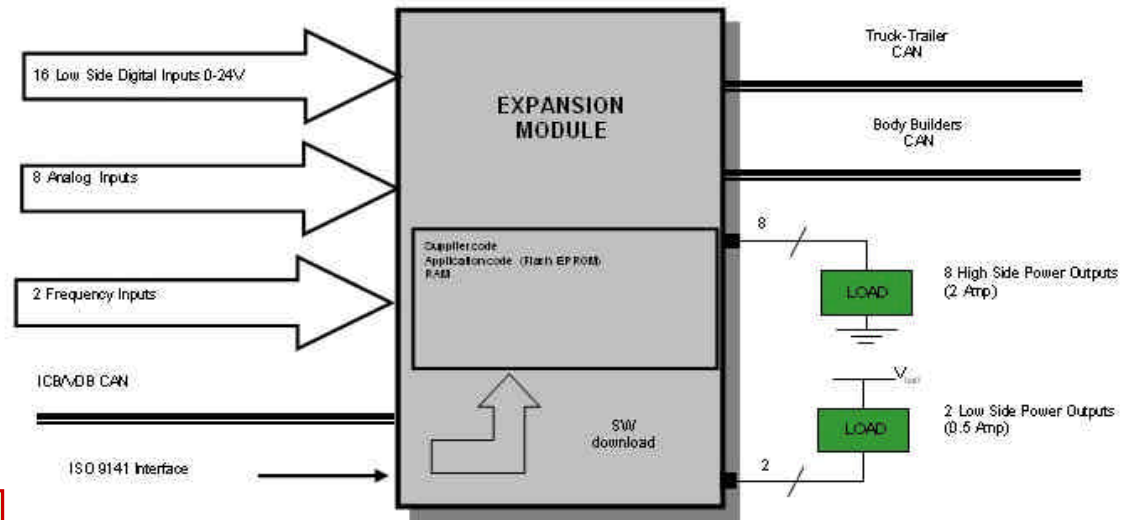
The New **Expansion Module** ECU (EM) is available on all New EuroCargo range as a **CCP 4572**.

The EM is an Electronic Control Unit located in the cab under the fuse box (passanger side) and it is connected to the VCM ECU via CAN bus line.

**New !**

The Expansion Module is a customizable Electronic ECU for implementing special applications:

- PTO management (up to 3 PTO)
- Clutch or stopping brake (Refuse)
- CAN open interface
- ISO 11992 - 3 interface
- ISO 11992 - 4 interface
- Additional lights
- Special future applications



## VEHICLE CONTROL MODULE (VCM)

The New **Vehicle Control Module** ECU (VCM) is available on all New EuroCargo range as a Standard vehicle configuration.

The VCM is an Electronic Control Unit located in the cab under the fuse box (passanger side) and it is connected to the other vehicle Electronic Units via CAN bus line.

**New!**

The VCM ECU has been developped to manage specific vehicle functions due to the:

- \* increased complexity of Euro 4 functions (multiple injections, after treatment control and monitoring, ...)
- \* flexibility for future vehicle functions development and consequently to de-couple the overall vehicle electronic control system from the specific functionality of the engine ECU controller

Main VCM functions are related to:

**vehicle control:**

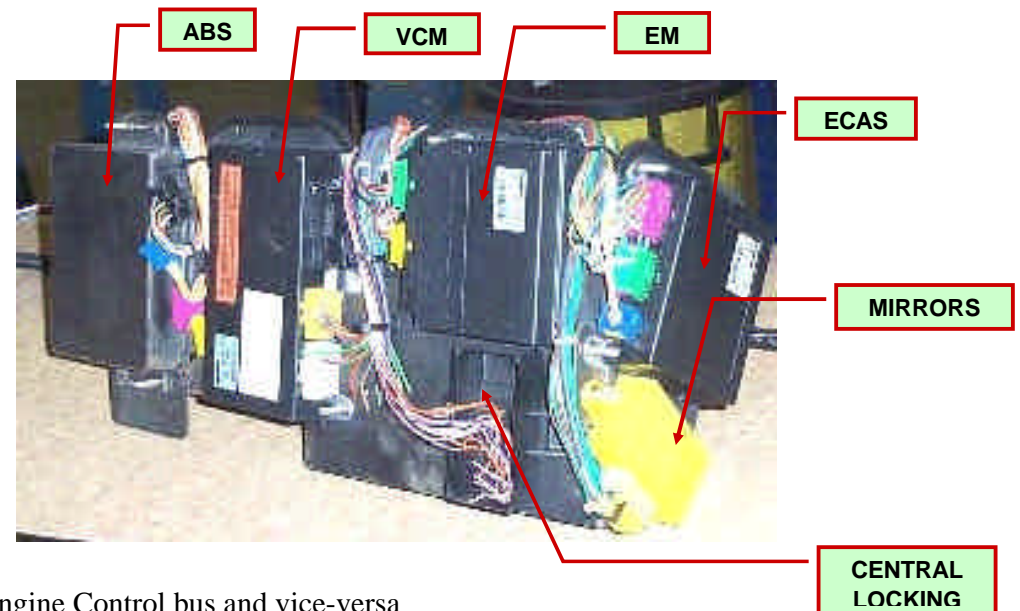
- Driveability (accelerator pedal management)
- Speed limiters
- Cruise control
- Power take off (PTO)
- Engine brake activation logic
- Cooling system (fan) activation logic

**vehicle security system:**

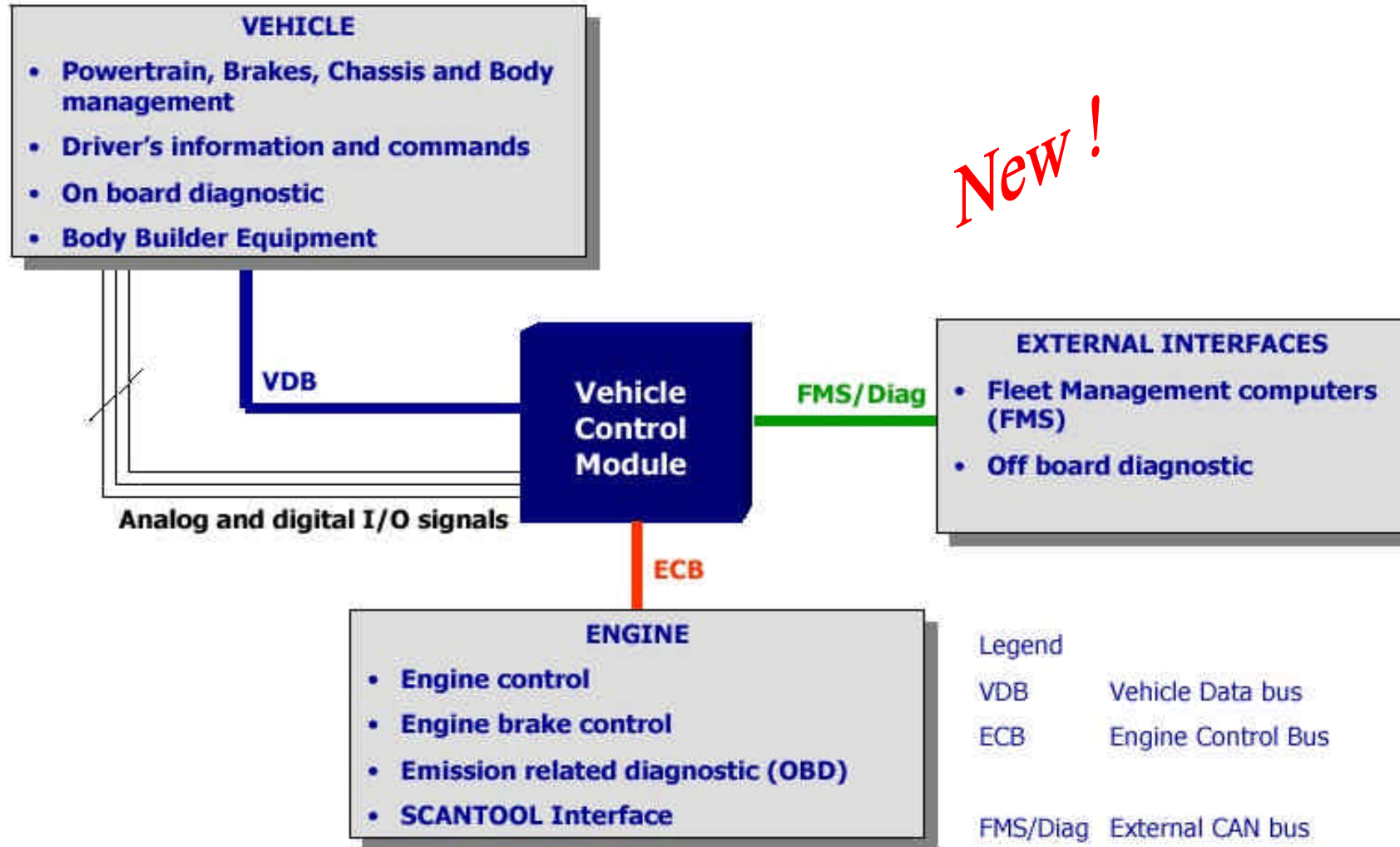
- Immobiliser

**gateways:**

- Relay data on the Vehicle Control bus to the Engine Control bus and vice-versa
- Relay vehicle data to external bus (Fleet Management, Body Builder connection)

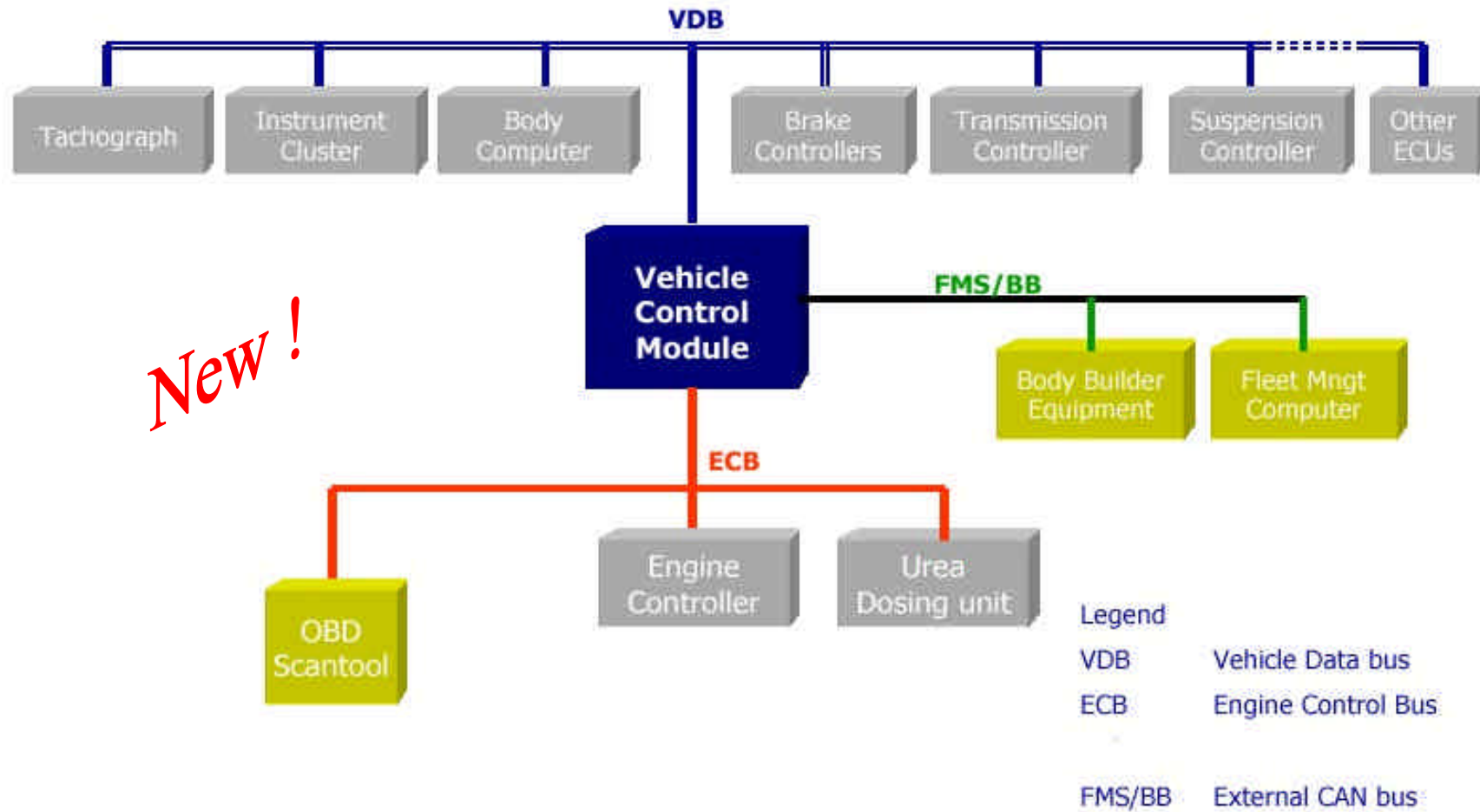


## VEHICLE CONTROL MODULE (VCM)





## VEHICLE CONTROL MODULE (VCM)



## MODULO ELETTRONICO TELAIO (MET) AND IVECO BODY CONTROLLER 3 (IBC3)

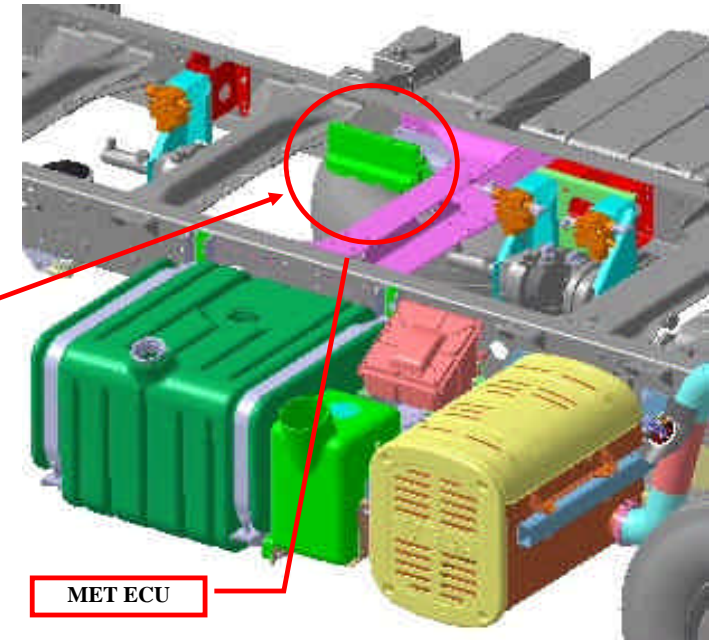
The New **Modulo Elettronico Telaio** ECU (MET) and **Iveco Body Controller 3** (IBC3) are available on all EuroCargo range as a Standard vehicle configuration IBC3 and MET ECU make a system controlling the lighting and other body functions of the vehicle and are simply called **EASY MUX**

MET is an Electronic Control Unit located on the chassis near battery box (left side) and it is connected to the IBC3 (Iveco Body Controller) Electronic Unit via CAN bus line.

MET module performs the following main functions,

- actuates vehicle lighting upon command from IBC3
- gathers vehicle data from sensors located outside of the cab
- provides diagnostics information to the IBC3

**New!**



IBC3, located in the cab under the fuse box (passenger side), acquires the driver commands and performs most of the control logics while the MET, located on the frame, actuates the loads and acquires the sensors installed out of the cabin.

The two ECUs communicate through a CAN bus which gives a significant contribution to the vehicle wiring simplification and to the Bulkhead connector pin reduction.

IBC3 also provides status information to the Instrument Cluster for driver's presentation.

Iveco Body Controller 3, performs the following main functions:

- distributes the protected power supply and ignition command on board to the electronic modules and to the vehicle loads
- recognises driver commands from dashboard switches
- controls vehicle lighting
- gathers vehicle data from sensors located in the cab and in front of the vehicle
- interfaces other vehicle ECUs
- provides status information to the Iveco Instrument Cluster
- manages the activity on the *Body Data Bus*

**New!**



## REMOTE CENTRAL LOCKING

As per New EuroCargo Models the CCP8092 (Remote central locking), is available for all Eurocargo Euro 4 models.

2 keys as a Standard configuration  
(mechanical locking)



2 keys + 2 Remote control as a  
CCP8092 (Remote central locking)



## IMMOBILISER

Immobiliser is available as option CCP 6891.  
This option helps in increasing the vehicle security against theft.



**Key design without Immobiliser**



**Key design with Immobiliser (CCP 6891)**

Immobiliser is activated when the ignition key is removed. When the key is inserted, the program compares the code on the key with that preset in the control unit. The ignition is activated only when the codes match.

When ordering CCP 6891 two keys are supplied.  
A third key is available as a CCM 11860

## EXHAUST BRAKE

Euro4 Engines are available with the traditional exhaust brake (butterfly type).

Availability of Exhaust Brake							
4 Cylinder			6 Cylinder				
E14	E16	E18	E18	E22	E25	E28	E30
CCP 89		STD					

When the Exhaust Brake is fitted, an Exhaust Brake control switch is provided on the central control panel. This switch gives the driver 3 ways of activating the engine brake control, based on the different routes he is driving on:

- \* activation with the use of foot exhaust brake pedal present on the cab floor
- \* activation along with the service brake pedal stroke
- \* activation with the release of the throttle pedal

**Note:** When the Exhaust Brake is in operation, a yellow warning light glows on the dashboard light cluster

Brake Engine  
Switch position



# **STANDARD CHASSIS FEATURES**

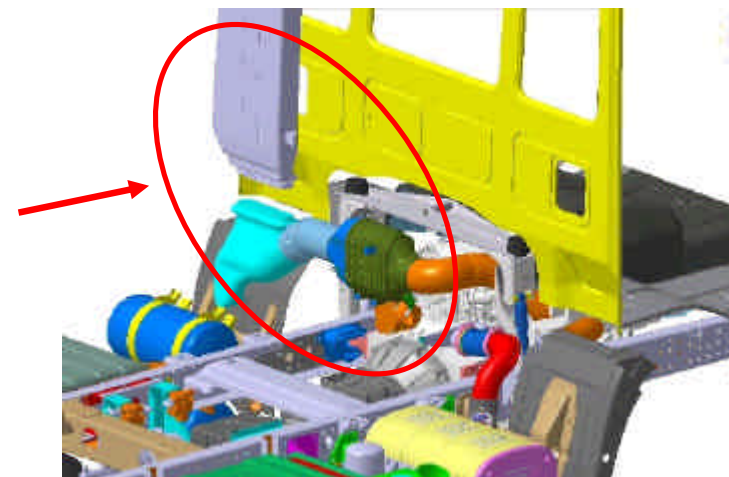
## NEW AIR INTAKE ARRANGEMENTS

When compared to Euro 3 New Eurocargo, Euro4 engines have the air-intake completely redesigned  
New Engine air-intake/filter relocation depending on driving side (LHD - RHD) and  
cab configuration (MLC-MLL-MLD)

Under Cab Air Filter (CCP 8071) and  
No Snorkel Air intake (CCP 6185) configuration :



Rear Cab Air Filter (CCP 8293) and  
Snorkel Air intake (CCP 3191) configuration :



Air intake configuration for:

**All 4x2 LHD FdPs (E75,E100,E120,E140,E160,E180)  
FdPs RHD (E75,E100)**

FCS	Option		MLC		MLL	
			Standard	Option	Standard	Option
LAL00	3191	Snorkel Air Intake		X		X
	6185	No Snorkel Air Intake	X		X	
LAP00	8071	Under Cab Air Filter	X		X	
	8293	Rear Cab Air Filter		X		N.A.

Air intake configuration for:

**FdPs RHD (E120,E140,E160,E180)**

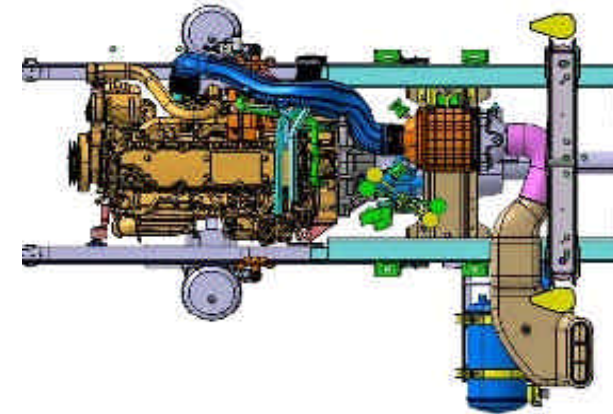
FCS	Option		MLC		MLL	
			Standard	Option	Standard	Option
LAL00	3191	Snorkel Air Intake	X		X	
	6185	No Snorkel Air Intake		N.A.		N.A.
LAP00	8071	Under Cab Air Filter		N.A.	X	
	8293	Rear Cab Air Filter	X			N.A.



Air intake configuration for:

**FdPs MLD (E100,E120,E140)**

FCS	Option		MLD	
			Standard	Option
LAL00	3191	Snorkel Air Intake	<b>X</b>	
	6185	No Snorkel Air Intake		<b>N.A.</b>
LAP00	8071	Under Cab Air Filter	<b>X</b>	
	8293	Rear Cab Air Filter		<b>N.A.</b>



Air intake configuration for 4X4 models:

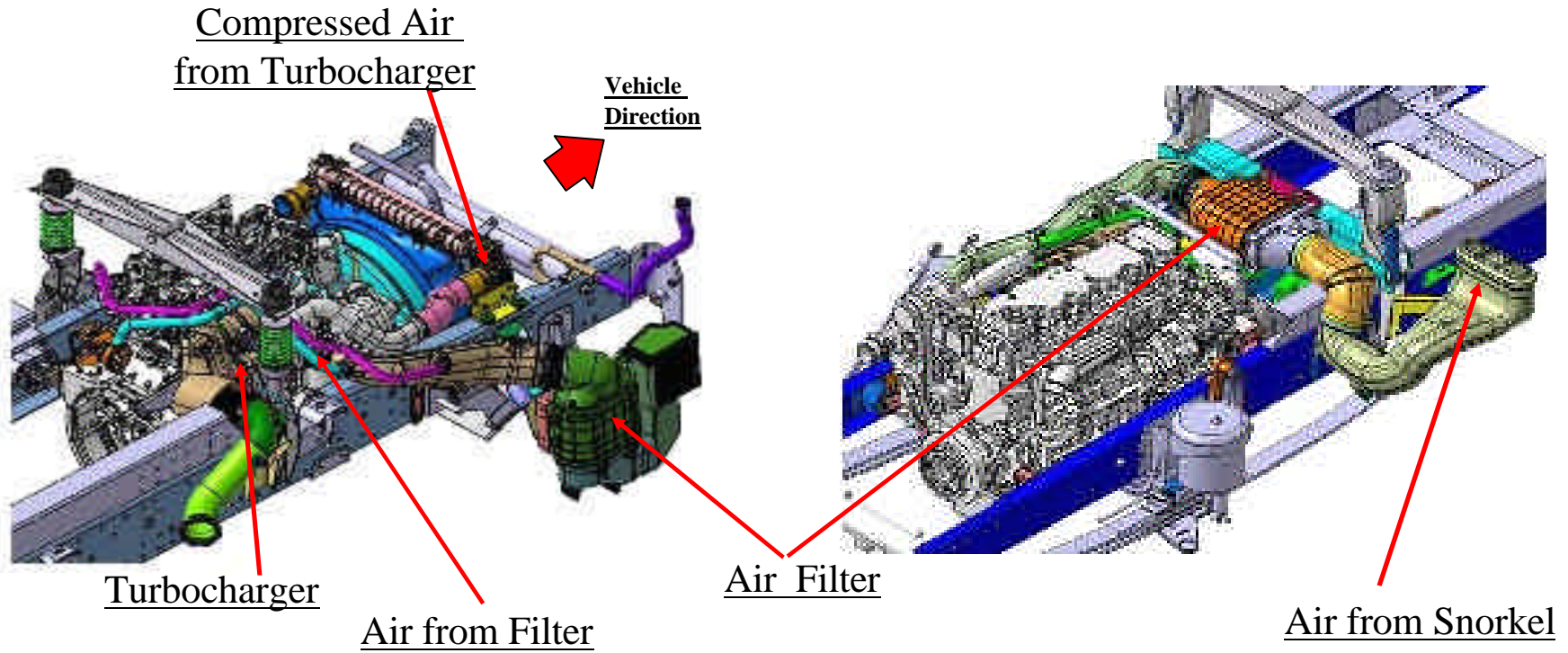
**FdPs E10W,E14W**

FCS	Option		MLC	
			Standard	Option
LAL00	3191	Snorkel Air Intake	<b>X</b>	
	6185	No Snorkel Air Intake		<b>N.A.</b>
LAP00	8071	Under Cab Air Filter		<b>N.A.</b>
	8293	Rear Cab Air Filter	<b>X</b>	

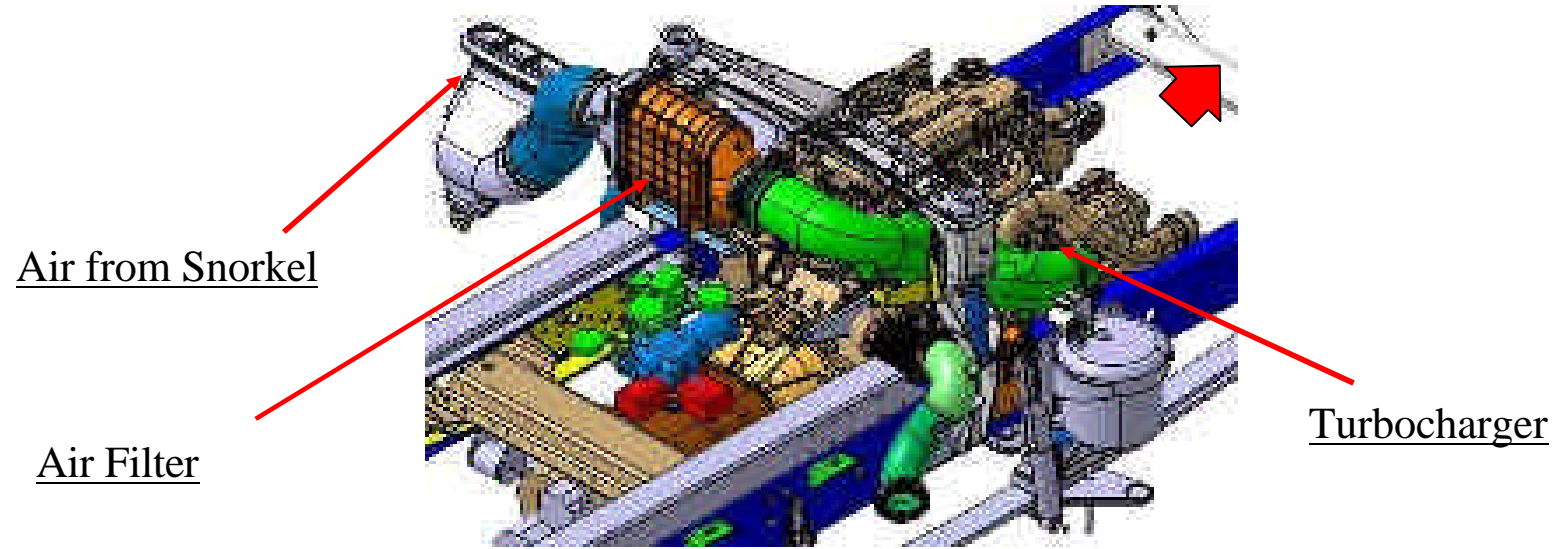


New lay-out of tubes/pipes for air-intake

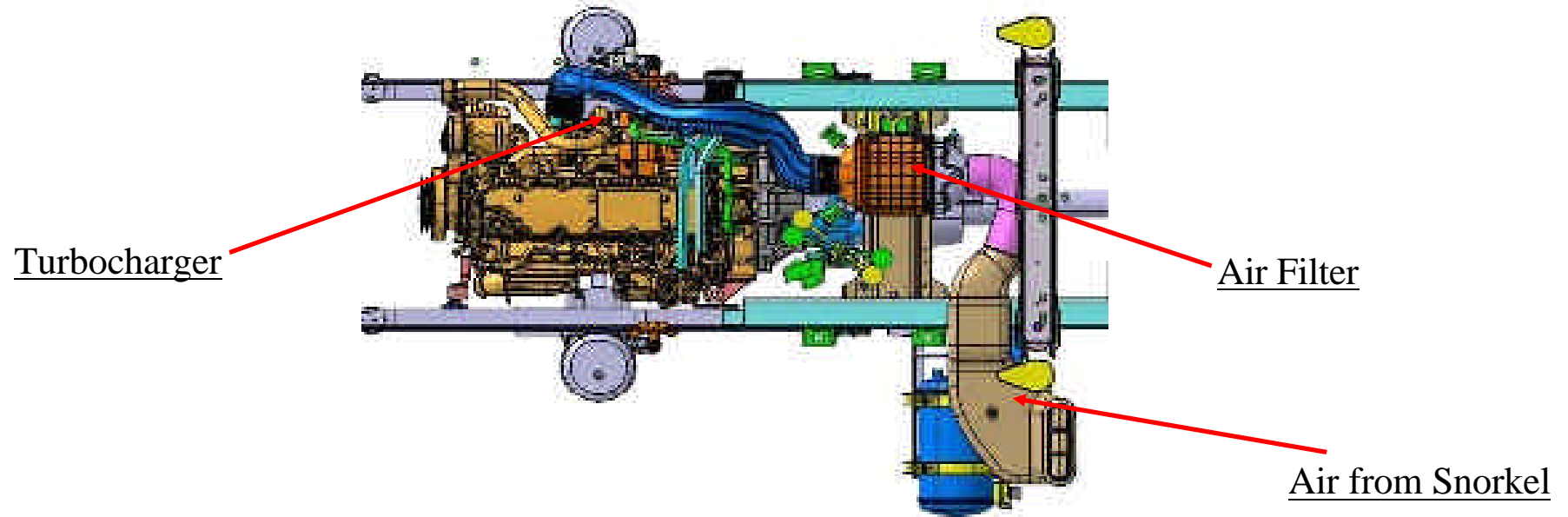
**AIR FILTER ASSEMBLY MLC/MLL**



**REAR CAB AIR FILTER ASSEMBLY MLC**



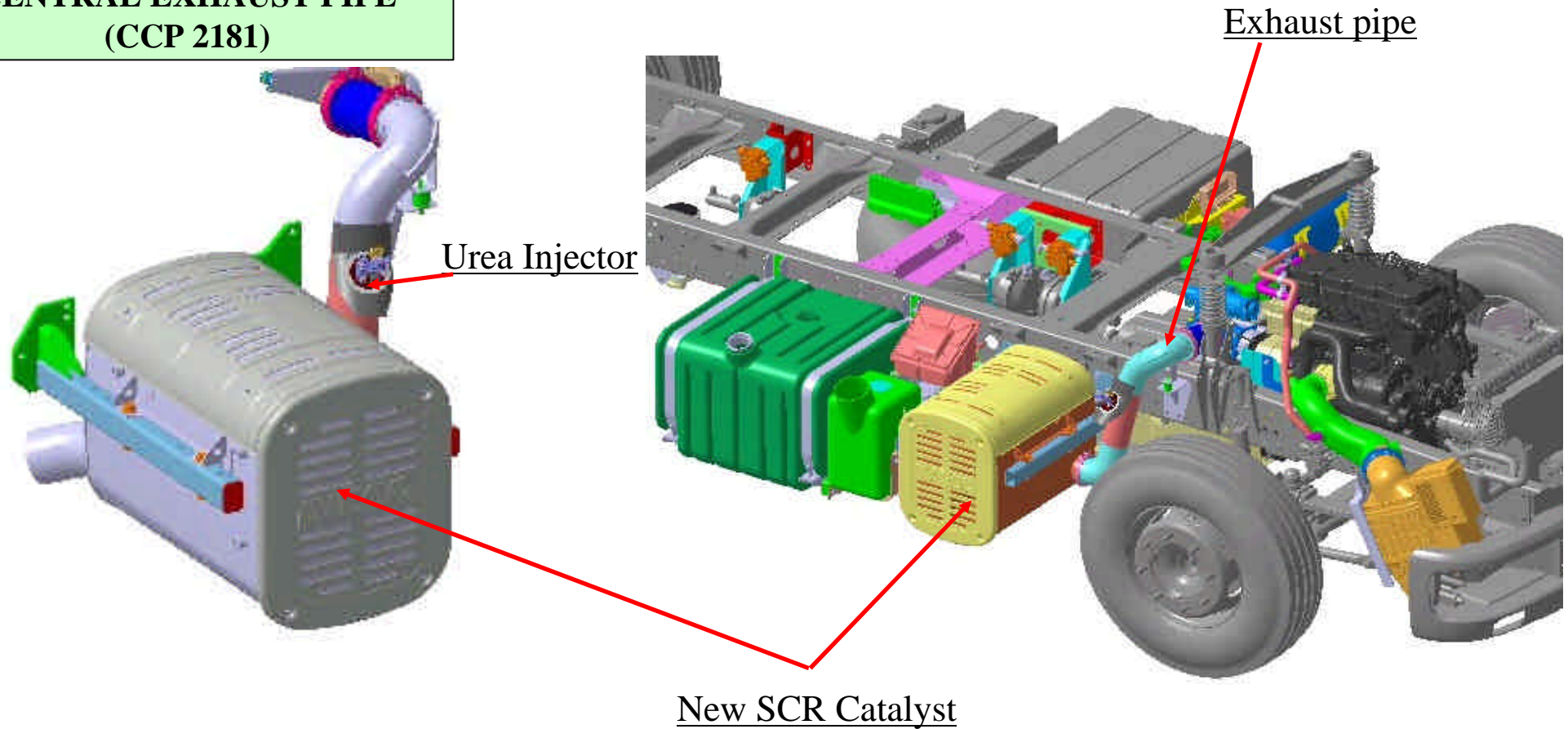
**AIR FILTER ASSEMBLY MLD**



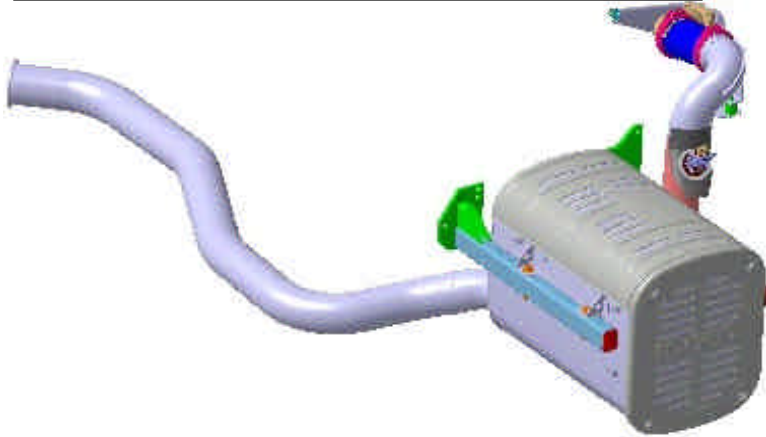
## NEW EXHAUST ARRANGEMENT

New exhaust with SCR  
New lay-out of tubes/pipes for exhaust

**CENTRAL EXHAUST PIPE  
(CCP 2181)**



**LEFT SIDE EXHAUST PIPE  
(CCP 2182)**

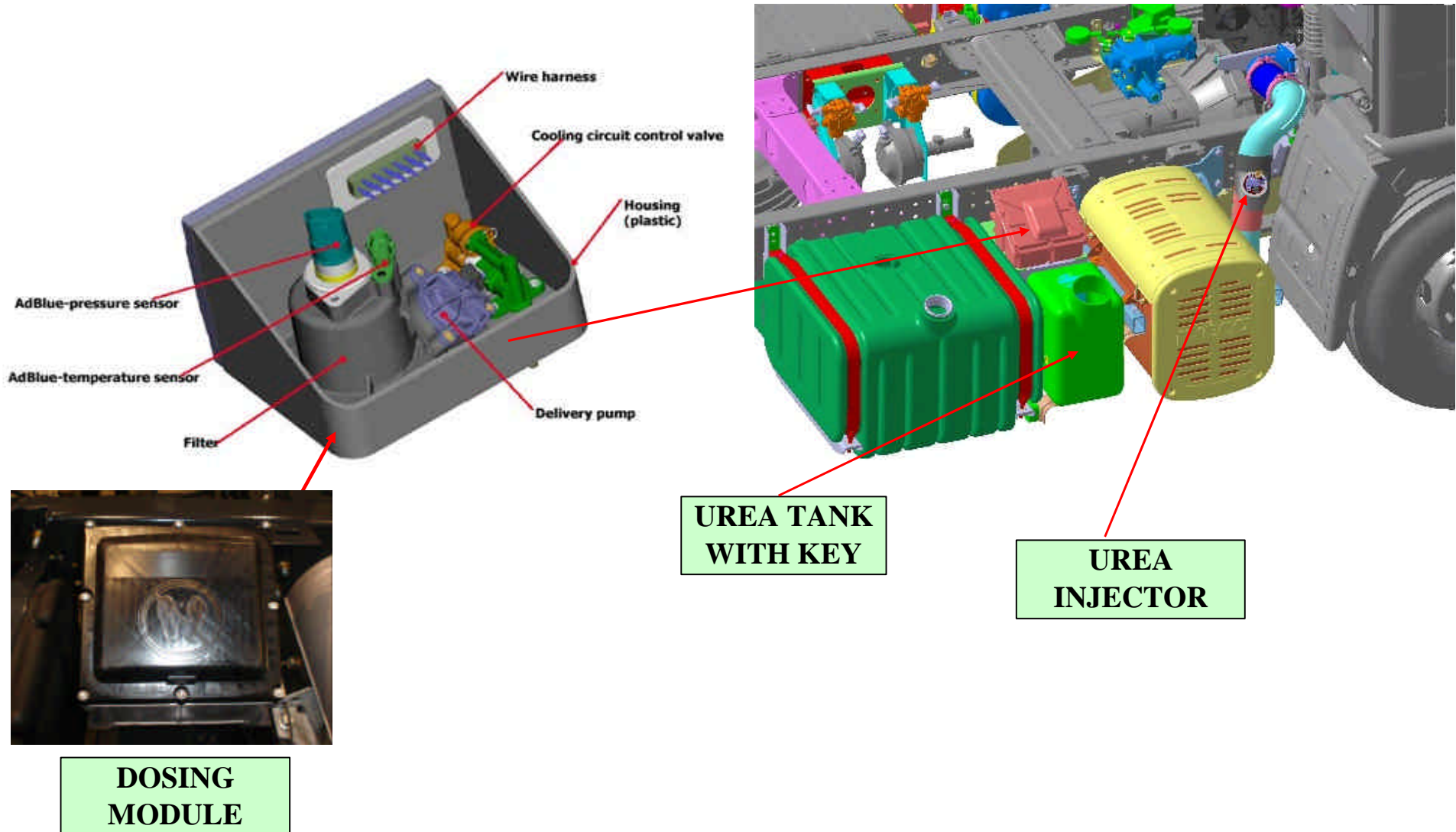


**VERTICAL EXHAUST PIPE  
(CCP 180)**

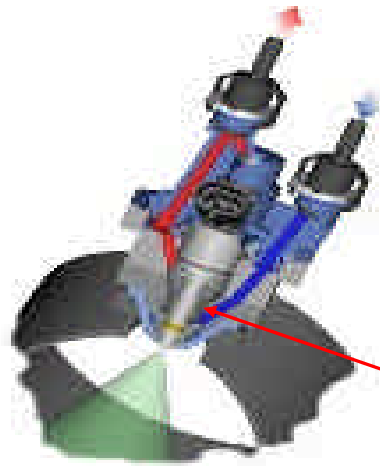
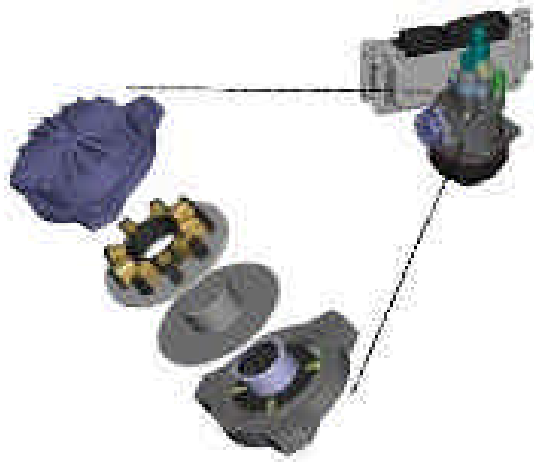


# UREA TANK

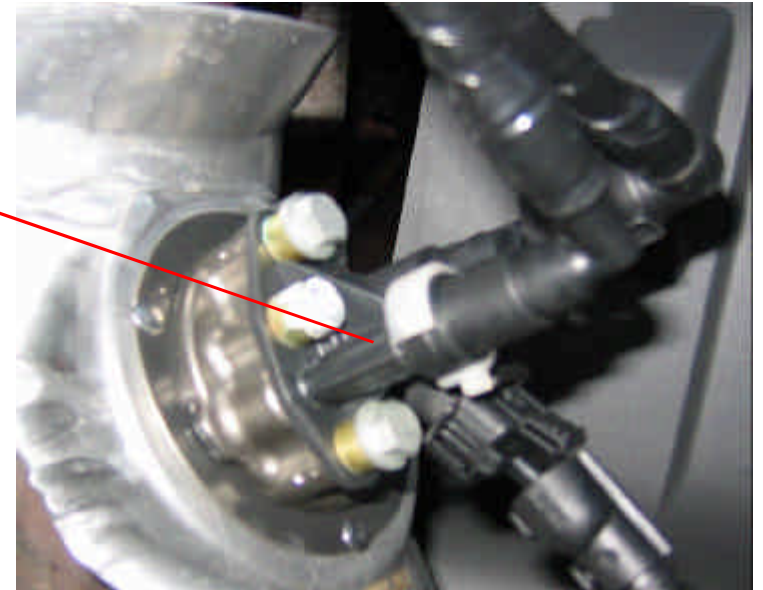
New 25 litres Urea tank located on the right side of the chassis  
CCP 8278 Urea Tank Not Heated as a Standard configuration  
CCP 8277 Urea Tank Heated



**UREA PUM (delivery  
module)**



**UREA  
INJECTOR**

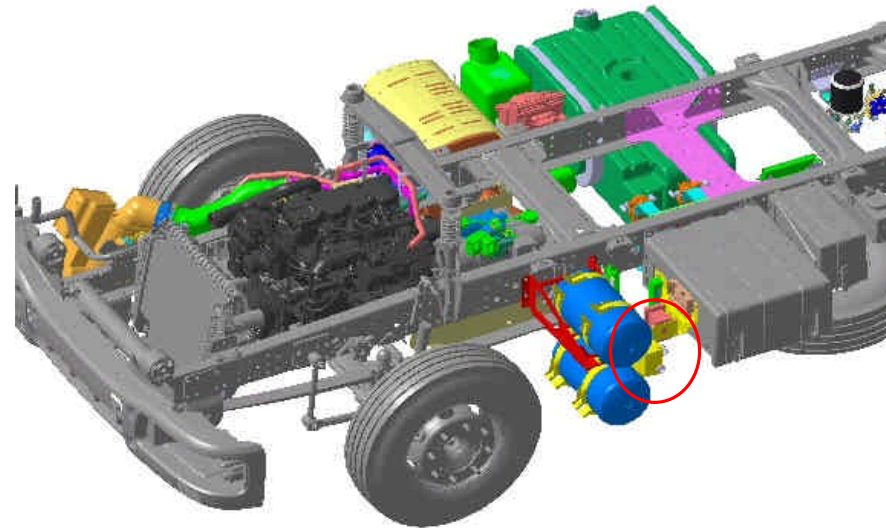


# TILTING CAB DEVICE AND AIR TANK

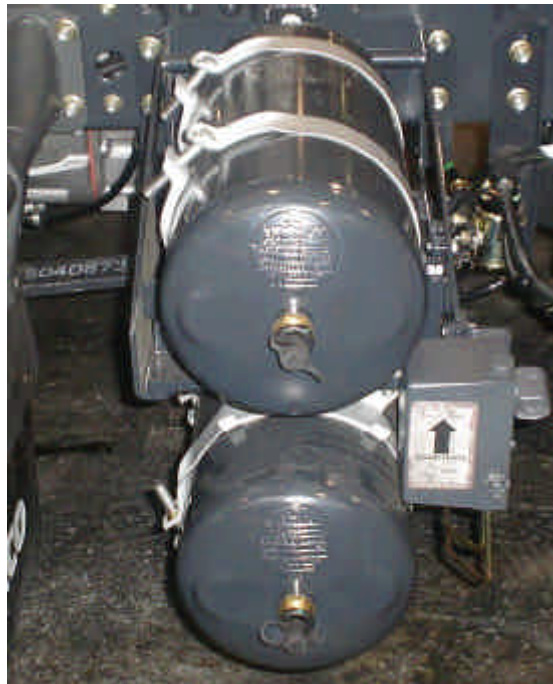
## Redesigned tilting cab device

- \* New pump position
- \* New cylinder position

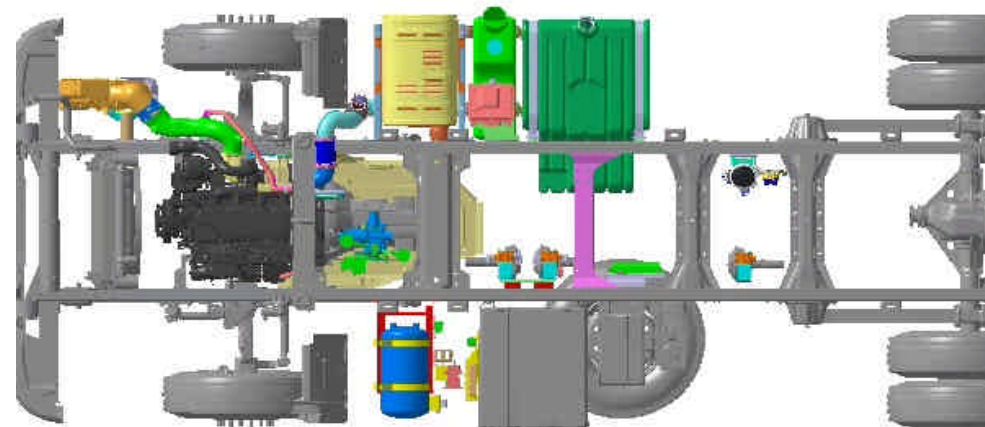
Servo assisted tilting cab (CCP 2758) device is positioned on the right side of the vehicle



## Air tank relocation on the left side



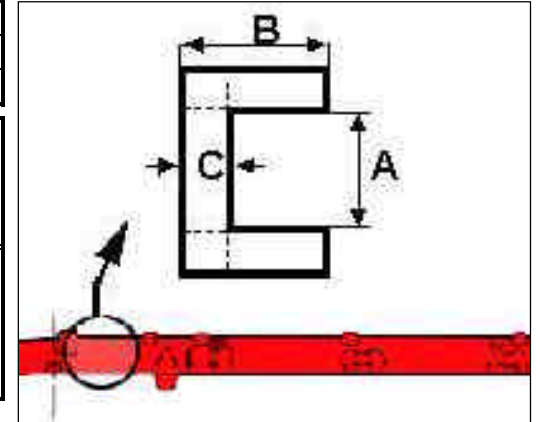
New !





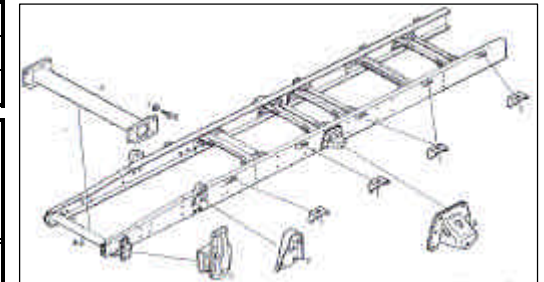
## FRAMES (ML60E../ML100E..)

MODEL	A x B [mm]	FRAME THICKNESS - C - [mm]					
		WHEELBASES [mm]					
		3105	3330	3690	4185	4455	4815
60E../65E../75E../ 80EL.. MLC, MLL	172.5 x 65	4	4	4	4	4	5
80E../ 90E../ 100E.. MLC, MLL, MLD	195 x 65	4	4	4	5	5	5



All the models are provided with Unified Rear Overhang frames

MODEL	CAB	REAR OVERHANG LENGTH [ mm ]					
		WHEELBASES [mm]					
		3105	3330	3690	4185	4455	4815
60E../65E../75E../80EL..	MLC	1313	1830	1830	2145	2280	2505
	MLL	----	----				
80E../ 90E../ 100E..	MLC	1313	1830	1830	2145	2280	2505
	MLL	----	----				
	MLD	----	----				



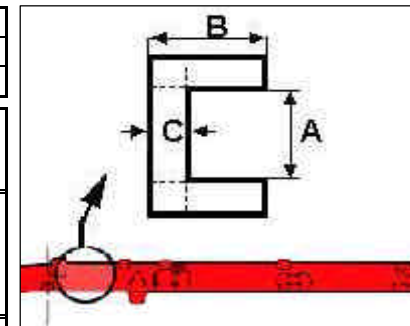
A = LONGITUDINAL MEMBER HEIGHT

B = LONGITUDINAL MEMBER WIDTH

**N.B.:** ALL MEASURES ARE INTERNAL VALUES

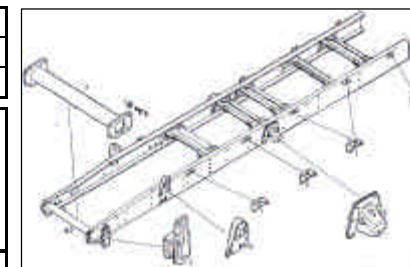
## FRAMES (ML120EL../ML180E..)

		FRAME THICKNESS - C - [mm]										
MODEL	A x B [mm]	WHEELBASES [mm]										
		3105	3330	3690	4185	4455	4590	4815	5175	5670	6210	6570
110EL.. 120EL..	195X65	5	5	5	6	6	----	6	----	----	----	----
120E.. 130E.. 140E..	240X70	5	----	5	5	6	----	6	6.7	6.7	----	6.7
150E.. 160E..	240X70	5	----	6	6	6	----	6.7	6.7	7.7	----	7.7
180E.. 190EL..	262,5X80	----	----	6	7.7	----	7.7	7.7	7.7	7.7	7.7	7.7



All the models are provided with Unified Rear Overhang frames

		REAR OVERHANG LENGHT [mm]										
MODEL	CAB	WHEELBASES [mm]										
		3105	3330	3690	4185	4455	4590	4815	5175	5670	6210	6570
110EL.. 120EL..	MLC	1313	1830	1830	2145	2280	----	2505	----	----	----	----
	MLL	----	----									
	MLD	----	----									
120E.. 130E.. 140E..	MLC	1313	----	1740	2055	2190	----	2460	2685	3000	----	2735
MLL	----	----										
MLD	----	----										
150E.. 160E..	MLC	1313	----	1740	2055	2190	----	2460	2685	3000	----	2735
MLL	----											
180E.. 190EL..	MLC	----	----	1133	1313	----	1650	1853	2123	2235	2235	2775
MLL	----	----										



A = LONGITUDINAL MEMBER HEIGHT

B = LONGITUDINAL MEMBER WIDTH

N.B.: ALL MEASURES ARE INTERNAL VALUES

## FRAMES (ML100E..W, ML140E..W)

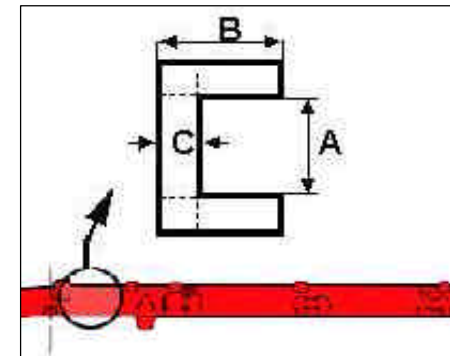
FRAME THICKNESS [mm]				
MODEL	A x B [mm]	WHEELBASES [mm]		
		3240	3690	3915
ML100E..W	240 x 70	5	5	-----
ML140E..W	240 x 70	6	6	6

REAR OVERHANG LENGTH [mm]			
MODEL	WHEELBASES [mm]		
	3240	3690	3915
ML100E..W	1042,5	1358	-----
ML140E..W	1042,5	1358	1358

A = LONGITUDINAL MEMBER HEIGHT

B = LONGITUDINAL MEMBER WIDTH

**N.B.:** ALL MEASURES ARE INTERNAL VALUES



## FRAME PLATING

As per New EuroCargo ZCF Frame Plating is standard for both the LHD and RHD vehicles as follow:

BASE MODEL	MODEL	ENGINES						
		E14	E16	E18	E22	E25	E28	E30
E75	60E..	ZCFA60A03	ZCFA60B03					
	65E..	ZCFA65A03	ZCFA65B03					
	75E..	ZCFA75A03	ZCFA75B03	ZCFA75D03				
	80EL..		ZCFA80B03	ZCFA80D03				
E100	80E..			ZCFA80D13	ZCFA80G13			
	90E..			ZCFA90D03	ZCFA90G03			
	100E..			ZCFA1AD03	ZCFA1AG03			
E120	110EL..			ZCFA1CD03	ZCFA1CG03			
	120EL..			ZCFA1ED03	ZCFA1EG03			
E140	120E..			ZCFA1ED13	ZCFA1EG13	ZCFA1EJ13	ZCFA1EM13	
	130E..			ZCFA1GD03	ZCFA1GG03	ZCFA1GJ03		
	140E..			ZCFA1JD03	ZCFA1JG03	ZCFA1JJ03	ZCFA1JM03	
E160	150E..			ZCFA1LD03	ZCFA1LG03	ZCFA1LJ03	ZCFA1LM03	ZCFA1LM13
	160E..			ZCFA1MD03	ZCFA1MG03	ZCFA1MJ03	ZCFA1MM03	ZCFA1MM13
E180	180E..					ZCFA1TJ03	ZCFA1TM03	ZCFA1TM13
	190EL..					ZCFA1VJ03	ZCFA1VM03	ZCFA1VM13
E10W	100E..W			ZCFB1AD83	ZCFB1AF83			
E14W	140E..W					ZCFB1JJ83	ZCFB1JM83	

New!

**Note:** On New Eurocargo the ninth digit of VIN code had "2". With Euro 4, this digit has been changed to "3" .  
This will allow Aftersales to quickly define whether the truck is a Euro 3 or a Euro 4 with after-treatment.

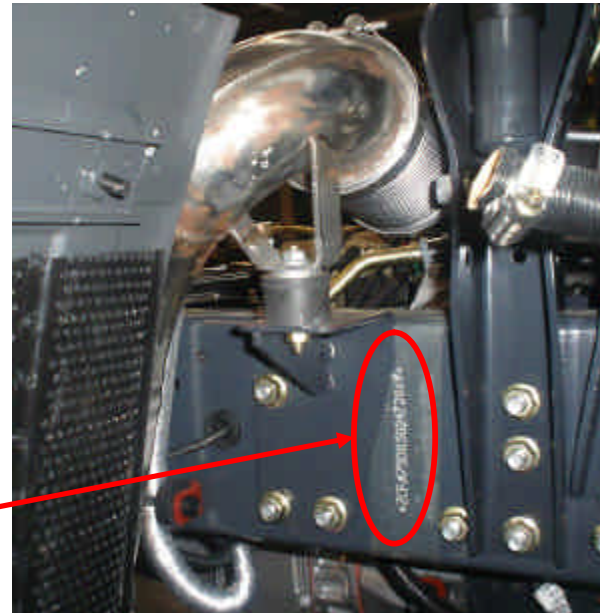
## FRAME PLATING

With Eurocargo Euro 4 the **NEW VIN** code printed position on the frame is **VERTICAL** and it is positioned on the right of the frame near the SCR area.

On New Eurocargo the VIN was printed in **HORIZONTAL** position till end of 2005

*New!*

**EURO4 VERTICAL  
PRINTED VIN  
CODE**





## CHAPTER E

### MISCELLANEOUS EQUIPMENT



<b>Batteries</b>	<b>E.2</b>
<b>Spare Wheel Carrier</b>	<b>E.4</b>
<b>Rear bumper</b>	<b>E.5</b>
<b>Alternators / Compressors</b>	<b>E.6</b>
<b>Fuel Tanks / Fuel Filters</b>	<b>E.9</b>
<b>Mirrors</b>	<b>E.13</b>
<b>Digital Tachograph</b>	<b>E.15</b>
<b>Cab Colours</b>	<b>E.17</b>
<b>Provision for PTO control fitment</b>	<b>E.18</b>
<b>Power Take-off (P.T.O.)</b>	<b>E.19</b>
<b>Iveco Multipower P.T.O.</b>	<b>E.20</b>
<b>Clutch</b>	<b>E.21</b>
<b>Gearbox</b>	<b>E.22</b>
<b>Option Packs</b>	<b>E.32</b>

<b>BATTERIES</b>			
<b>MODEL</b>	<b>BATTERIES</b>		
	<b>70 Ah</b>	<b>110 Ah</b>	<b>143 Ah</b>
<b>60E.. / 65E.. / 75E.. / 80EL.. MLC, MLL</b>	<b>STD (CCP2575)</b>	<b>CCP 567</b>	<b>CCP 568 (*)</b>
<b>80E.. / 90E.. / 100E.. MLC, MLL, MLD</b>	<b>N.A.</b>	<b>STD (CCP 567)</b>	<b>CCP 568 (*)</b>

(\*) CCP 568 not available for Wb 3105 mm mechanical suspension only.



## BATTERIES

<b>MODEL</b>	<b>BATTERIES</b>		
	<b>110 Ah</b>	<b>143 Ah</b>	<b>170 Ah</b>
<b>110EL.. / 120EL.. MLC, MLL, MLD</b>	<b>STD (CCP 567)</b>	<b>CCP 568 (*)</b>	<b>N.A.</b>
<b>120E.. - 190EL MLC, MLL, MLD</b>	<b>STD (CCP 567)</b>	<b>CCP 568</b>	<b>CCP 5031</b>
<b>100E..W - 140E..W MLC</b>	<b>STD (CCP 567)</b>	<b>CCP 568</b>	<b>CCP 5031</b>

(\*) **CCP 568 not available for Wb 3105 mm mechanical suspension only.**



## SPARE WHEEL CARRIER

On Eurocargo Euro4 **DELETE SPARE WHEEL CARRIER** and **DELETE SPARE WHEEL** are Standard for all models

On New Eurocargo **DELETE SPARE WHEEL CARRIER** and **DELETE SPARE WHEEL** were available as a CCP 724 and CCP2213

New!

<b>SPARE WHEEL CARRIER</b>		
<b>STANDARD</b>	<b>OPTION AVAILABLE</b>	
<b>60E.. / 65E.. / 75E.. / 80EL.. MLC, MLL</b>	<b>Steel &amp; Air Susp.</b>	<b>Rear spare wheel carrier CCP 725 (except for wb. 3.105 mm) Spare wheel carrier CCP 2721</b>
<b>80E.. / 90E.. / 100E.. MLC, MLL, MLD</b>	<b>Steel , Air &amp; Full Air Susp.</b>	<b>Side Spare wheel carrier CCP 2721</b>
<b>110EL.. / 120EL.. MLC, MLL, MLD</b>	<b>Steel &amp; Air Susp.</b>	<b>Side Spare wheel carrier CCP 2721</b>
<b>120E.. / 130E.. / 140E../ 150E.. / 160E../ 180E.. / 190EL.. MLC, MLL, MLD</b>	<b>Steel , Air &amp; Full Air Susp.</b>	<b>Side Spare wheel carrier CCP 2721</b>
<b>100E..W MLC</b>	<b>Steel Susp.</b>	
<b>140E..W MLC</b>	<b>Steel Susp.</b>	<b>Side Spare wheel carrier CCP 2721 (wb. 3915 mm, twin tyres only)</b>

**CCP 724 (DELETE SPARE WHEEL CARRIER)**

## REAR BUMPER

**On Eurocargo Euro4 DELETE REAR BUMPER is Standard for all 4x2 models**

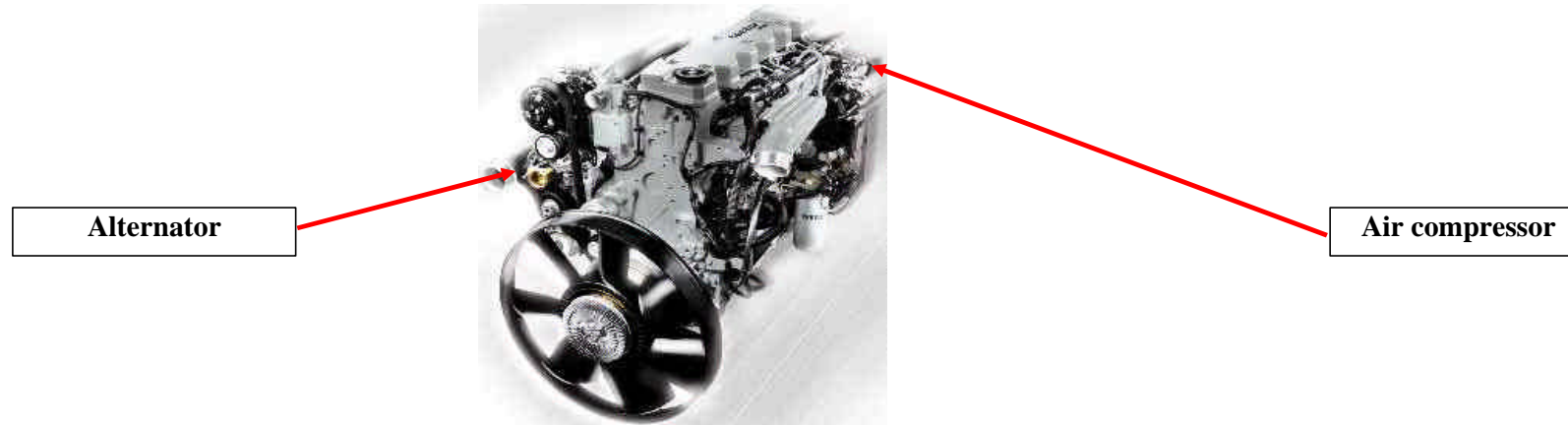
**On New Eurocargo DELETE REAR BUMPER was available as a CCP 169**

**New!**

REAR BUMPER		
	STANDARD	OPTION AVAILABLE
<b>60E.. / 190EL..</b>	<b>CCP 169 (DELETE REAR BUMPER)</b>	<b>Rear bumper CCP 165</b> <b>Tubular rear bumper CCP 166</b>
<b>100E../ 140E..W</b>	<b>CCP 2167 (TILT UP REAR BUMPER)</b>	<b>CCP 169 Delete rear bumper</b>

## ALTERNATORS AND COMPRESSORS

MODEL	ENGINES	STANDARD	ONLY FEASIBLE UPGRADES
<b>60E.. - 120EL.. MLC, MLL, MLD</b>	<b>E14</b>	<b>70A Alternator (CCP6314) 225cc Air Compressor (CCP6318)</b>	CCP 6315 = 90A Alternator
	<b>E16</b>	<b>70A Alternator (CCP6314) 225cc Air Compressor (CCP6318)</b>	CCP 6315 = 90A Alternator
	<b>E18</b>		CCP 6315 + CCP 6319 =
	<b>E22</b>		90A Alternator + 360cc Air Compressor



## ALTERNATORS AND COMPRESSORS

MODEL	SUSPENSION	STANDARD	ONLY FEASIBLE UPGRADES
<b>120E.. / 160E.. MLC, MLL, MLD</b>	<b>Steel / Air</b>	<b>70A Alternator (CCP6314) 225cc Air Compressor (CCP6318)</b>	CCP 6315 = 90A Alternator
	<b>Full Air</b>		CCP 6319 = 360cc Air Compressor
CCP 6315 + CCP 6319 90A Alternator + 360cc Air Compressor			
<b>180E.. - 190EL.. MLC, MLL</b>	<b>Steel / Air</b>	<b>70A Alt. (CCP6314) + 360 cc Comp. (CCP6319)</b>	CCP 6315 = 90A Alternator
			CCP 6319 = 360cc Air Compressor
CCP 6315 + CCP 6319 90A Alternator + 360cc Air Compressor			

**NOTE:** See specific chapter for availability on Road Sweeper and Automatic gearbox models

## ALTERNATORS AND COMPRESSORS

MODEL	STANDARD	ONLY FEASIBLE UPGRADES
<b>100E18W - 100E22W MLC</b>	<b>70A Alternator (CCP6314) 225cc Air Compressor (CCP6318)</b>	CCP 6315 = 90A Alternator
		CCP 6315 + CCP 6319
		90A Alternator + 360cc Air Compressor
<b>140E25W - 140E28W MLC</b>	<b>70A Alternator (CCP6314) 225cc Air Compressor (CCP6318)</b>	CCP 6315 = 90A Alternator
		CCP 6319 = 360cc Air Compressor
		CCP 6315 + CCP 6319
		90A Alternator + 360cc Air Compressor

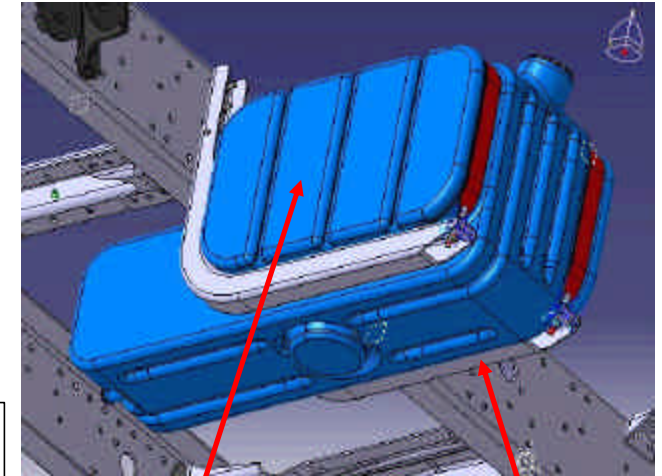
## FUEL TANKS / FUEL FILTERS

The main product changes on plastic fuel tanks on all EuroCargo Euro 4 Models are related to:

- New fuel plastic tanks design (specific reinforcement and brackets)
- Increased thickness
- New fuel level transmitter

Note: Urea tank- actual usable capacity 25 litres

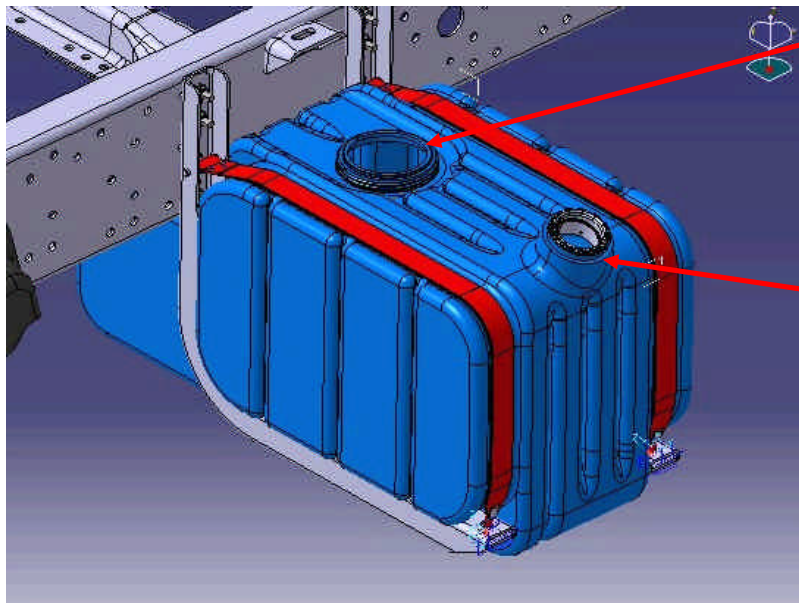
**New !**



New fuel level transmitter

New shape

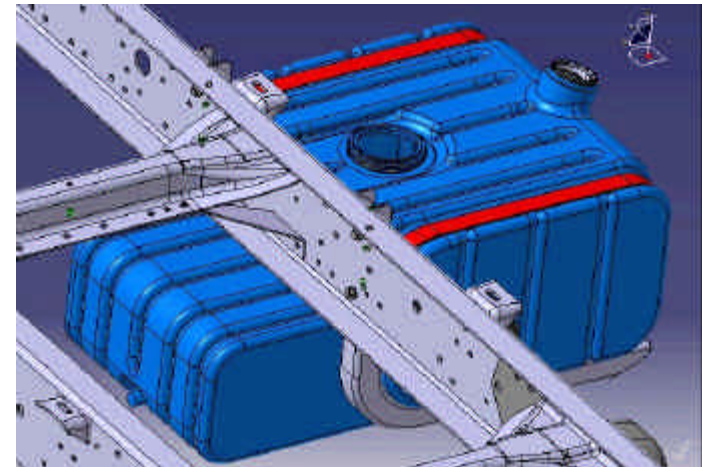
New brackets



New metal insert

## FUEL TANKS / FUEL FILTERS

MODEL	ENGINES	FUEL TANKS		FUEL FILTERS			
		115 L Plastic	200 L Plastic	Not Heated Prefilter	Heated Prefilter	Racor Prefilter	Racor Heated Prefilter
60E.. / 65E.. / 75E.. / 80EL.. MLC, MLL	E14	STD (CCP 2175)	CCP 179	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E16						
	E18						
80E.. / 90E.. / 100E.. MLC, MLL, MLD	E18	STD (CCP 2175)	CCP 179	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E22						
110EL.. / 120EL.. MLC, MLL,MLD	E18	STD (CCP 2175)	CCP 179	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E22						



## FUEL TANKS / FUEL FILTERS

MODEL	ENGINES	FUEL TANKS			FUEL FILTERS			
		115 L Plastic	200 L Plastic	280 L Alluminum	Not Heated Prefilter	Heated Prefilter	Racor Prefilter	Racor Heated Prefilter
120E.. - 140E.. MLC, MLL, MLD	E18	STD (CCP 2175)	CCP 179 (*)	CCP 5101 (*) (&)	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E22							
	E25							
	E28							
150E.. - 160E.. MLC, MLL	E18	STD (CCP 2175)	CCP 179	CCP 5101 (*)	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E22							
	E25	CCP 2175	STD (CCP 179)					
	E28							
	E30							
180E.. - 190EL.. MLC, MLL	E25	N.A.	STD (CCP 179)	CCP 5101	STD (CCP 6264)	CCP 2289	CCP 6881	CCP 6883
	E28							
	E30							

(\*) Not available for 3105 mm wb only

(&) Not available for 3690 mm wb on MLD cab only



## FUEL TANKS / FUEL FILTERS

MODEL	ENGINES	FUEL TANKS		FUEL FILTERS			
		115 L Plastic	200 L Plastic	Not Heated Prefilter	Heated Prefilter	Racor Prefilter	Racor Heated Prefilter
<b>100E..W MLC</b>	<b>E18</b>	<b>STD (CCP 2175)</b>	<b>CCP 179 (*)</b>	<b>STD (CCP 6264)</b>	<b>CCP 2289</b>	<b>CCP 6881</b>	<b>CCP 6883</b>
	<b>E22</b>	<b>STD (CCP 2175)</b>	<b>CCP 179</b>	<b>STD (CCP 6264)</b>	<b>CCP 2289</b>	<b>CCP 6881</b>	<b>CCP 6883</b>
<b>140E..W MLC</b>	<b>E25</b>	<b>STD (CCP 2175)</b>	<b>CCP 179</b>	<b>STD (CCP 6264)</b>	<b>CCP 2289</b>	<b>CCP 6881</b>	<b>CCP 6883</b>
	<b>E28</b>	<b>STD (CCP 2175)</b>	<b>CCP 179</b>	<b>STD (CCP 6264)</b>	<b>CCP 2289</b>	<b>CCP 6881</b>	<b>CCP 6883</b>

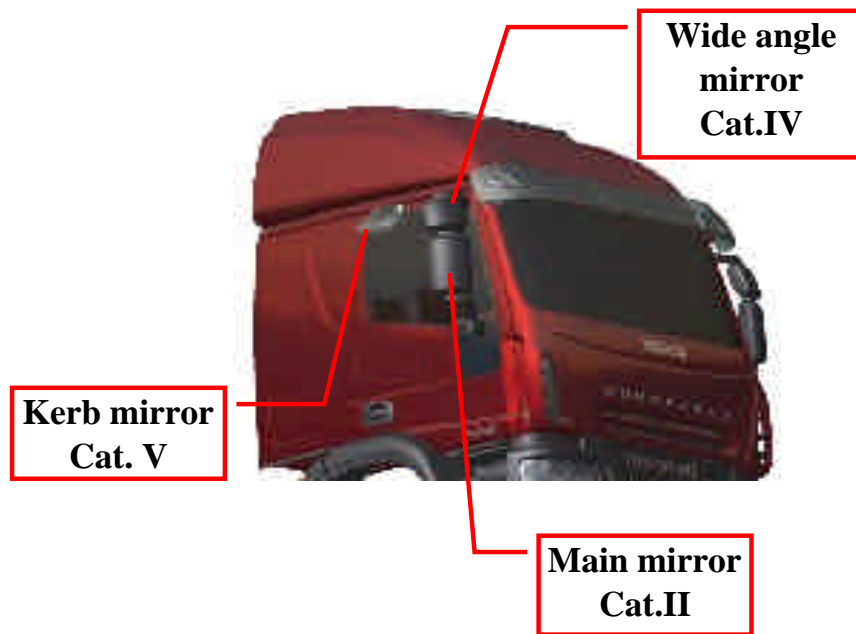
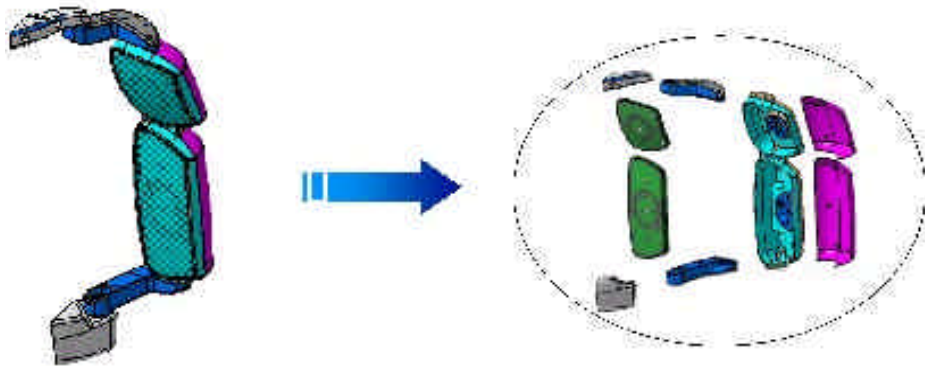
(\*) Not available for 3240 mm wb only

## MIRRORS

According to EEC 2003/97 and 2005/27 Regulations all Eurocargo models are equipped with 6 Mirrors (including kerb and wide angle mirrors):

- main mirror (Cat.II)
- wide angle mirror (Cat.IV)
- kerb mirror (Cat.V)

CCP 7898 (Mirrors EEC2003/97) is available as a Standard configuration for all FdPs



## MIRRORS

FDP	BODY WIDTH 2300 mm	BODY WIDTH 2600 mm	CAB
<b>E75</b>	<b>STD (CCP 698)</b>	<b>CCP 2704</b>	<b>MLC</b>
<b>E100</b>			<b>MLL</b>
<b>E120</b>			<b>MLD</b>
<b>E140</b>	<b>N.A.</b>	<b>STD (CCP 2704)</b>	<b>MLC</b>
<b>E160</b>			<b>MLL</b>
<b>E180</b>			<b>MLD</b>
<b>E10W</b> <b>E14W</b>	<b>STD (CCP 698)</b>	<b>CCP 2704</b>	<b>MLC</b>



## DIGITAL TACHOGRAPH

On EuroCargo Euro 4 models Digital Tacho (CCP 7848) is available as Standard configuration. In addition to that are available:

- \* CCP 2528 (Tachograph 2 Drivers EEC)
- \* CCP 2934 (Speedometer km/miles)
- \* CCP 8818 (Digital Tacho for ADR)

The speedometer on the cluster is directly connected with a specific speedometer box on the upper consolle (when CCP 2934 is requested)



Speedometer box on upper consolle



Digital Tachograph

Radio slot sized Digital Tachograph (DTCO) include:

Two smart card readers

Integrated printer for producing reports for driver and control officers

Display of all the key information, e.g. on current driving and rest times

Real-time clock

Control buttons



Speedometer on cluster

The DTCO records:

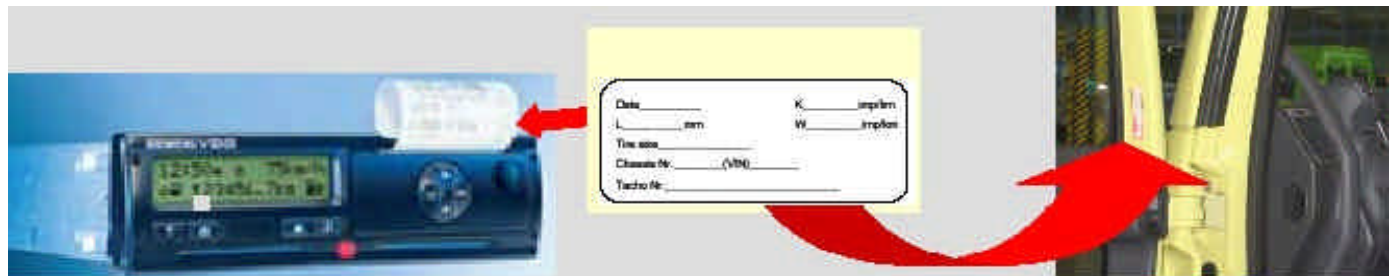
Driving, work and break/rest times for the driver and co-driver  
The speed (only 24 hours in mass memory) and distance travelled  
Specific parameters such as events (including overspeeding)  
and control and calibration centre activities.



Data storage:

Data relating to the vehicle is stored in an integrated mass memory with capacity for recording activities for approx. 365 days.  
Data relating to the driver is held on the personal driver card with capacity for approx. 28 days

Data relating to the DTCO are summarized in a special label  
located on the door panel



## CAB COLOURS

### - Standard colours:

**CAT 1:** 50105 White (IC 194)  
50173 White Alpi (IC 420)

### - Option colours:

**CAT 2:** 50126 Red Maranello (IC 313)  
50162 Grey mineral (IC 371)  
50174 Red Grenada (IC 421)  
50177 Green Alsazia (IC 422)  
50178 Yellow Marrakech (IC 423)  
50179 Blue Lione (IC 424)  
50180 Ivory Carrara (IC 425)  
50181 Yellow Praga (IC 426)  
50182 Blue Istanbul (IC 428)  
52301 Orange desert (IC 427)

**Note 1:** Standard Colour of synthetic parts: **50105 White (IC 194)** or **50173 White Alpi (IC 420)**  
depending on cab colour requested (roof panel, roof hatch, spoiler, medium roof)

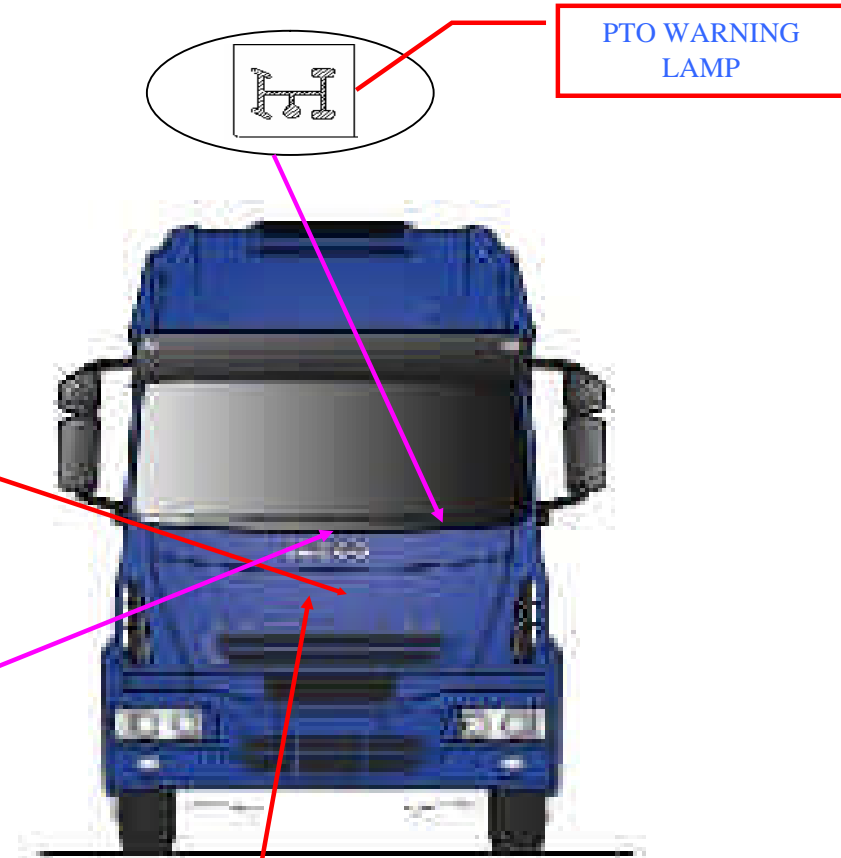
**Note 2:** Standard Colour of Front bumper and mudguards: **Grey (IC 443)**  
SMC Front bumper and mudguards in cab colour: CCP 4106  
Steel Front bumper (CCP 160) always in **Grey (IC 443)**

## PROVISION FOR PTO CONTROL FITMENT (CCP 1483)

To simplify after market PTO installation, Provision for PTO Fitment (CCP1483) is available on EuroCargo Euro 4 and provides:

- \*) Electrical wiring from cross-cab connector to the warning light on new cluster instruments
- \*) Air piping between central cab tunnel and chassis

WIRING FROM CROSS-CAB CONNECTOR (PINS 3&4- A MODULE) TO THE PTO WARNING LIGHT ON DASH BOARD



AN AIR PIPE TO BE USED FOR PTO CONTROL IS PROVIDED BETWEEN CAB TUNNEL AND FRONT CAB (QUICK FIT CONNECTORS ARE PROVIDED TOO)

## POWER TAKE-OFF

**NOTE : IVECO P.T.O. ( CCP 6384, 6392, 6393 ) NEEDS CRUISE CONTROL (CCP 2463) TO ACHIEVE P.T.O. CONTROL**

When the PTO is activated a yellow warning light glows on the dash board light cluster and, in addition, a Pop-up Display Page is showed on cluster display (see specific chapter).

POP-UP DISPLAY



Gearbox type	CCP options	Hydrocar's n. of P.T.O.	Version	Mounting side	Shaft (*)		Ratio description		Torque [ N m ]	Power [ kW ] (**)	P.T.O. weight [kg]
					output	rotation sense					
5 Speed											
2855B.6	6384	1802	pump	rear	rear	anti-clock wise	slow	0.73	295	23	8
	6392	1602	pump	side	rear	clock wise	fast	1.03	295	32	13
	6393	1702	pump	side	rear & front	anti-clock / clock	fast	1.41	215	32	17
2865B.6	6384	1802	pump	rear	rear	anti-clock wise	slow	0.56	295	17	8
	6392	1603	pump	side	rear	clock wise	fast	1.05	265	29	13
	6393	1703	pump	side	rear & front	anti-clock / clock	fast	1.44	195	29	17
FSO 5206B	6384	2266	pump	rear	rear	anti-clock wise	slow	0.895	400	37.5	12
2870B.9	6384	1802	pump	rear	rear	anti-clock wise	slow	0.92	295	28	8
	6392	1604	pump	side	rear	clock wise	slow	0.96	295	30	13
	6393	1704	pump	side	rear & front	anti-clock / clock	fast	1.31	215	29	17
2895B.9	6384	1802	pump	rear	rear	anti-clock wise	fast	1.00	295	31	8
	6392	1705	pump	side	rear & front	anti-clock / clock	fast	1.03	295	32	17
	6393	1706	pump	side	rear & front	anti-clock / clock	fast	1.42	215	32	17
ALLISON 3000	6392	17A1	pump	side	rear	anti-clock wise	slow	0.93	600	58.6	20

(\*) Frontal view of output shaft

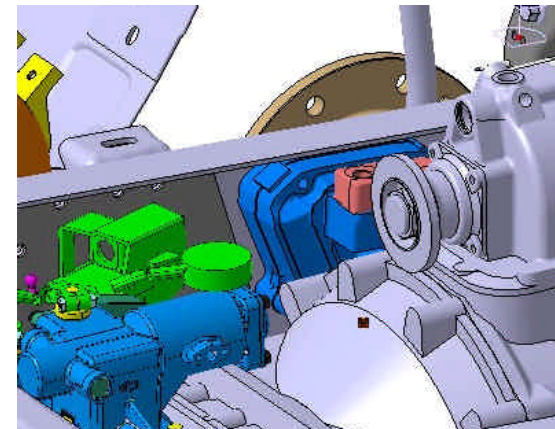
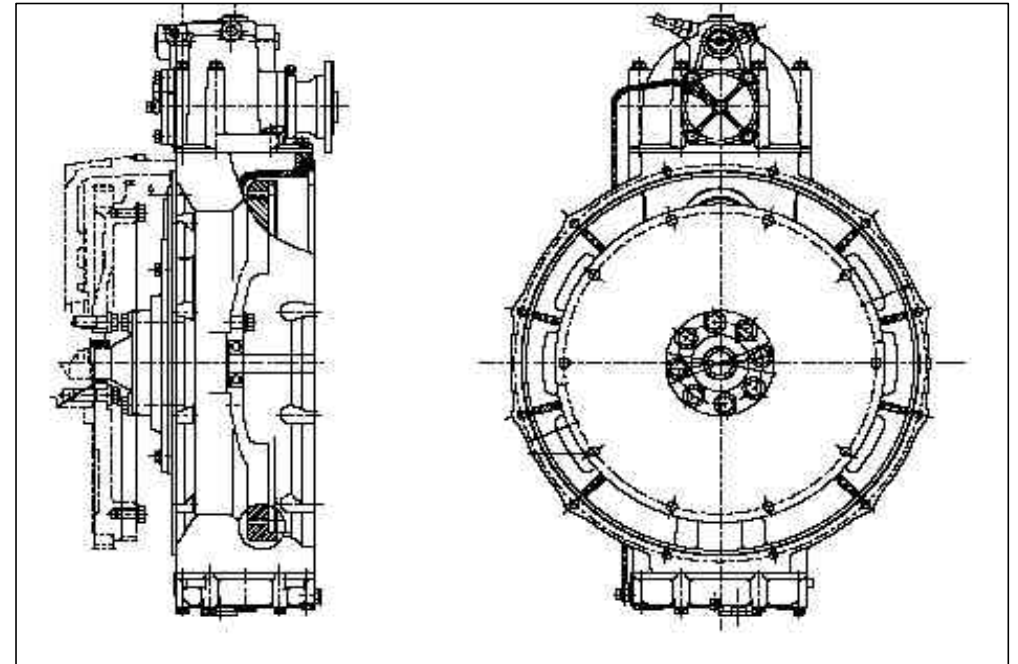
(\*\*) Power referred to 1000 r.p.m. output speed



# IVECO "MULTIPOWER" PTO

IVECO Multipower PTO is now available on FdPs E160 and E180, 280 hp and 300 hp engine ratings as a CCP 2395

<b>RATIO (output RPM/engine RPM)</b>	<b>1.29</b>
<b>MAX OUTPUT TORQUE</b>	<b>900 Nm</b>
<b>OUTPUT FLANGE</b>	<b>ISO 7646 - 120x8x10</b>
<b>GEARBOX CONNECTION</b>	<b>SAE 1</b>
<b>ACTUATION</b>	<b>Pneumatic</b>
<b>ROTATION SENSE</b>	<b>Same as engine</b>
<b>WEIGHT (without flywheel)</b>	<b>70 Kg</b>
<b>OIL CAPACITY</b>	<b>2 litres</b>



As per all factory fitted PTO's, CCP 2395 needs to be ordered in combination of CCP 2463 (Cruise Control) to achieve PTO control.

In addition, CCP 2395 requires that CCP 6315 (90 A 24 V Alternator) and CCP 6319 (360 cc. Air compressor) is specified too.

CLUTCH			
ENGINES	GEARBOX	SINGLE PLATE PULL TYPE CLUTCH	CLUTCH ASSISTANCE
E14	5 Speed	$\Phi = 350 \text{ mm (14" )}$	MINI SERVO
	2855B.6		
E16	5 Speed		
	2855B.6		
E18	5 Speed		
	2855B.6		
	2865B.6		
	2870B.9		
E18 (6 Cylinder)	2855B.6		
	2865B.6		
	2870B.9		
E22	2855B.6		
	2865B.6		
	2870B.9		
E25	FSO 5206B	$\Phi = 380/400 \text{ mm (16/15" )}$	MIDI SERVO
	2895.9		
E28	2895.9	$\Phi = 400 \text{ mm (16" )}$	
E30	FS 8309 A		

**New !**

Clutch assistance on EuroCargo Euro 4 has been uprated in comparison with New Eurocargo models.

Previous New Eurocargo situation was:

- 13" & 14" clutches for Engines E13/E15/E17/E18/21 - CLUTCH ASSISTANCE: MINI SERVO (fitted on pedal box)
- 15" clutch for engines E24/E28 - CLUTCH ASSISTANCE: MIDI SERVO (fitted on pedal box)

## GEARBOX

### 5 SPEED

5 Speed	
Gear	Ratio
1	
2	
3	
4	
5	
<b>Rev</b>	

New !



### 6 SPEED IVECO

	2855B.6	2865B.6
Gear	Ratio	Ratio
1	6.339 : 1	9.00 : 1
2	3.643 : 1	5.015 : 1
3	2.308 : 1	3.206 : 1
4	1.484 : 1	2.066 : 1
5	1.000 : 1	1.370 : 1
6	0.783 : 1	1.000 : 1
<b>Rev</b>	5.455 : 1	8.170 : 1

### 6 SPEED EATON

As on New Eurocargo models an Eaton FSO 5206B gearbox is available on E25 models. Integrated PTO is also available on Eaton gearboxes for 4x4 Models at VCB level.

	FSO 5206B (OD)	FS 5206B (DD)
Gear	Ratio	Ratio
1	6.08 : 1	7.54 : 1
2	3.53 : 1	4.39 : 1
3	2.09 : 1	2.80 : 1
4	1.35 : 1	1.87 : 1
5	1.00 : 1	1.30 : 1
6	0.79 : 1	1.00 : 1
<b>Rev</b>	5.43 : 1	6.74 : 1



New !

## GEARBOX

### 9 SPEED GEARBOX - SIMPLE H OPERATION

#### 9 SPEED IVECO

2870B.9		2895B.9
Gear	Ratio	Ratio
Crawler	13.200 : 1	13.56 : 1
1	9.036 : 1	9.00 : 1
2	6.473 : 1	6.549 : 1
3	4.691 : 1	4.768 : 1
4	3.548 : 1	3.548 : 1
5	2.547 : 1	2.537 : 1
6	1.824 : 1	1.846 : 1
7	1.322 : 1	1.344 : 1
8	1.000 : 1	1.000 : 1
Rev	11.984 : 1	13.158 : 1

*New!*



#### 9 SPEED EATON

On Eurocargo Euro 4 models with 300 hp Engine rating only, an Eaton FS 8309 A gearbox is available. Integrated PTO is also available on Eaton gearbox for ML140E28W 4x4 Model at VCB level.

FS 8309 A	
Gear	Ratio
Crawler	12.57:1
1	8.76:1
2	6.52:1
3	4.74:1
4	3.53:1
5	2.48:1
6	1.85:1
7	1.34:1
8	1.00:1
Rev	13.14:1

*New!*

# GEARBOX APPLICATION ML60E/ML65E/ML75E/ML80EL

MODELS	ENGINES			GEARBOX	
	4 CYL			5 Spd.	6 Spd.
	14	16	18		2855B.6
<b>60E14</b>	0			0	0
K/P	0			0	0
R/KR/RP	0				0
<b>60E16</b>		0		0	0
K/P		0		0	0
R/KR/RP		0			0
<b>65E14</b>	0			0	0
K/P	0			0	0
R/KR/RP	0				0
<b>65E16</b>		0		0	0
K/P		0		0	0
R/KR/RP		0			0
<b>80EL16</b>		0		0	0
P		0		0	0
R/RP		0			0
<b>80EL18</b>			0	0	0
P			0	0	0
R/RP			0		0

(O) Available

MODELS	ENGINES			GEARBOX	
	4 CYL			5 Spd.	6 Spd.
	14	16	18		2855B.6
<b>75E14</b>	0			0	0
K/P	0			0	0
R/KR/RP	0				0
<b>75E16</b>		0		0	0
K/P		0		0	0
R/KR/RP		0			0
<b>75E18</b>			0	0	0
K/P			0	0	0
R/KR/RP			0		0

# GEARBOX APPLICATION ML80E/ML90E/ML100E

MODELS	ENGINES		GEARBOX		
	4 CYL	6 CYL	6 Spd.		9 Spd.
	18	22	2855B.6	2865B.6	2870B.9
<b>80E18 / 80E18D</b>	O		O		O
K/P/FP	O		O		O
R/KR/FP/RFP	O		O		O
<b>80E22 / 80E22D</b>		O		O	O
K/P/FP		O		O	O
R/KR/FP/RFP		O		O	O

MODELS	ENGINES		GEARBOX		
	4 CYL	6 CYL	6 Spd.		9 Spd.
	18	22	2855B.6	2865B.6	2870B.9
<b>100E18 / 100E18D</b>	O		O		O
K/P/FP	O		O		O
R/KR/FP/RFP	O		O		O
<b>100E22 / 100E22D</b>		O		O	O
K/P/FP		O		O	O
R/KR/FP/RFP		O		O	O

<b>90E18 / 90E18D</b>	O		O		O
K/P/FP	O		O		O
R/KR/FP/RFP	O		O		O
<b>90E22 / 90E22D</b>		O		O	O
K/P/FP		O		O	O
R/KR/FP/RFP		O		O	O

**(O) Available**

# GEARBOX APPLICATION ML110EL/ML120EL

MODELS	ENGINES		GEARBOX	
	4 CYL	6 CYL	6 Spd.	9 Spd.
	18	22	2865B.6	2870B.9
<b>110EL18</b>	O		O	O
R	O			O
<b>110EL18 / P</b>	O		O	O
R	O			O
<b>110EL22</b>		O	O	O
R		O		O
<b>110EL22 / P</b>		O	O	O
R		O		O

MODELS	ENGINES		GEARBOX	
	4 CYL	6 CYL	6 Spd.	9 Spd.
	18	22	2865B.6	2870B.9
<b>120EL18</b>	O		O	O
R	O			O
<b>120EL18 / P</b>	O		O	O
R	O			O
<b>120EL22</b>		O	O	O
R		O		O
<b>120EL22 / P</b>		O	O	O
R		O		O

**(O) Available**

## GEARBOX APPLICATION ML120E/ML130E/140E

MODELS	ENGINES				GEARBOX				
	4 CYL	6 CYL			6 Spd.		9 Spd.		5 Spd.
	18	22	25	28	2865B.6	FSO 5206B	2870B.9	2895B.9	Allison 3000
<b>120E18 , 120E18D</b>	o				o		o		
K/P/FP	o				o		o		
R/KR/RP/RFP	o						o		
<b>120E22</b>		o			o		o		o
K/P/FP		o			o		o		o
R/KR/RP/RFP		o					o		
<b>120E25 , 120E25D</b>			o			o		o	o
K/P/FP			o			o		o	o
R/KR/RP/RFP			o					o	
<b>120E28</b>				o				o	
K/P/FP				o				o	
R/KR/RP/RFP				o				o	

MODELS	ENGINES				GEARBOX				
	4 CYL	6 CYL			6 Spd.		9 Spd.		5 Spd.
	18	22	25	28	2865B.6	FSO 5206B	2870B.9	2895B.9	Allison 3000
<b>130E18D</b>	o				o		o		
K/P	o				o		o		
R/KR/RP	o						o		
<b>130E25D</b>			o			o		o	
K/P			o			o		o	
R/KR/RP			o					o	

MODELS	ENGINES				GEARBOX				
	4 CYL	6 CYL			6 Spd.		9 Spd.		5 Spd.
	18	22	25	28	2865B.6	FSO 5206B	2870B.9	2895B.9	Allison 3000
<b>140E18</b>	o				o		o		
K/P/FP	o				o		o		
R/KR/RP/RFP	o						o		
<b>140E22</b>		o			o		o		o
K/P/FP		o			o		o		o
R/KR/RP/RFP		o					o		
<b>140E25</b>			o			o		o	o
K/P/FP			o			o		o	o
R/KR/RP/RFP			o					o	
<b>140E28</b>				o				o	
K/P/FP				o				o	
R/KR/RP/RFP				o				o	

(O) Available



## GEARBOX APPLICATION ML150E/160E

MODELS	ENGINES					GEARBOX					
	4 CYL	6 CYL				6 Spd.		9 Spd.			5 Spd.
	18	22	25	28	30	2865B.6	FSO 5206B	2870B.9	2895B.9	FS 8309 A	Allison 3000
<b>150E18</b>	0					0		0			
K/P/FP	0					0		0			
R/KR/FP/FP	0							0			
<b>150E22</b>		0				0		0			0
K/P/FP		0				0		0			0
R/KR/FP/FP		0						0			
<b>150E25</b>			0				0		0		0
K/P/FP			0				0		0		0
R/KR/FP/FP			0						0		
<b>150E28</b>				0					0		0
K/P/FP				0					0		0
R/KR/FP/FP				0					0		
<b>150E30</b>					0					0	
K/P/FP					0					0	
R/KR/FP/FP					0					0	

MODELS	ENGINES					GEARBOX					
	4 CYL	6 CYL				6 Spd.		9 Spd.			5 Spd.
	18	22	25	28	30	2865B.6	FSO 5206B	2870B.9	2895B.9	FS 8309 A	Allison 3000
<b>160E18</b>	0					0		0			
K/P	0					0		0			
R/KR/FP	0							0			
<b>160E22</b>		0				0		0			0
K/P/FP		0				0		0			0
R/KR/FP/FP		0						0			
<b>160E25</b>			0				0		0		0
K/P			0				0		0		0
R/KR/FP			0						0		
<b>160E28</b>				0					0		0
K/P				0					0		0
R/KR/FP				0					0		
<b>160E30</b>					0					0	
K/P					0					0	
R/KR/FP					0					0	

(O) Available

## GEARBOX APPLICATION ML180E/ML190EL

MODELS	ENGINES			GEARBOX				
	6 CYL			6 Spd.	9 Spd.			5 Spd.
	25	28	30	FSO 5206B	2870B.9	2895B.9	FS 8309 A	Allison 3000
<b>180E25</b>	○			○	○			○
K/P	○			○	○			○
R/KR/RP	○				○			
<b>180E28</b>		○				○		○
K/P		○				○		○
R/KR/RP		○				○		
<b>180E30</b>			○				○	○
K/P			○				○	○
R/KR/RP			○				○	

MODELS	ENGINES			GEARBOX				
	6 CYL			6 Spd.	9 Spd.			5 Spd.
	25	28	30	FSO 5206B	2870B.9	2895B.9	FS 8309 A	Allison 3000
<b>190EL25 /P</b>	○			○	○			○
R	○				○			
<b>190EL28 /P</b>		○				○		○
R		○				○		
<b>190EL30 /P</b>			○				○	○
R			○				○	

(○) Available

## GEARBOX APPLICATION ML100E..W

MODELS	ENGINES		GEARBOX	
	6 CYL		6 Spd.	
	18	22	2865B.6	FS 5206B + PTO (*)
100E18W	o		o	o
R	o		o	o
100E22W		o	o	o
R		o	o	o

(\*) On LHD models only

## GEARBOX APPLICATION ML140E..W

MODELS	ENGINES		GEARBOX			
	6 CYL		6 Spd.		9 Spd.	
	25	28	FSO 5206B + PTO (*)	FSO 5206B	2895B.9	FS 8309 A + PTO (*)
140E25W	o		o	o		
R	o		o	o		
140E28W		o			o	o
R		o			o	o

(\*) On LHD models only

## GEARBOX APPLICATION ROAD SWEEPERS

MODELS	ENGINES		GEARBOX	
	4 CYL	6 CYL	6 Spd.	9 Spd.
	18	22	2865B.6	2870B.9
150E18 R-Sw	o		o	
150E18 R-Sw	o			o
150E22 R-Sw	o	o	o	
160E22 R-Sw		o		o

(O) Available

## EURO3 VS EURO4 GEARBOX

Eurocargo Euro3 Range	Euro 3		Eurocargo Euro4 Range	Euro 4	
	Gearbox type	Engine Power [cv]		Engine Power [cv]	Gearbox type
ML60E..-75E..	2855.5	4 Cylinder 130- 150-170 cv	ML60E..-75E..	4 Cylinder 140 - 160 - 180 cv	5 Speed
	2855.6	6 Cylinder 180 cv		2855B.6	
ML80E..-100E..	2855.6	4 Cylinder 170 cv 6 Cylinder 180 - 210 cv	ML80E..-100E..	4 Cylinder 180 cv 6 Cylinder 220 cv	2855B.6
	2865.6				2865B.6
	2870.9				2870B.9
ML120EL..	2855.6	4 Cylinder 170 cv 6 Cylinder 210 cv	ML120EL..	4 Cylinder 180 cv 6 Cylinder 220 cv	2865B.6
	2865.6				2870B.9
	2870.9				
ML120E..-140E..	2855.6	6 Cylinder 180-210-240-280 cv	ML120E..-140E..	4 Cylinder 180 cv 6 Cylinder 220-250-280 cv	2865B.6
	2865.6				2870B.9
	2870.9				2895B.9
	2895.9				FSO 5206 B
	FSO 5206 B				Allison 3000 (E22/E25only)
ML150E..-160E..	2865.6	6 Cylinder 210 - 240- 280 cv	ML150E..-160E..	4 Cylinder 180 cv 6 Cylinder 220-250-280-300 cv	2865B.6
	FSO 5206 B				FSO 5206 B
	2870.9				2870B.9
	2895.9				2895B.9
	Allison				FS 8309 A
MD 3060 P	Allison 3000 (E22/E25/E28 only)				
ML180E..- 190EL..	2865.6	6 Cylinder 210 - 240- 280 cv	ML180E..- 190EL..	6 Cylinder 250-280-300 cv	
	FSO 5206 B				FSO 5206 B
	2870.9				FS 8309 A
	2895.9				2895B.9

## OPTION PACKS

### CCP 851 COLD COUNTRY -25 °C

### CCP 6400 SUB-ARCTIC EQUIPMENT -30 °C

PREARRANGEMENT FOR HEATING  
ENGINE WATER

EXTERNALLY POWERED HEATING  
BLOCK HEATER (750 W) FOR HEATING ENGINE WATER

ADDITIONAL PNEUMATIC VALVE FOR BRAKE SYSTEM FITTED ON CENTRAL TUNNEL CAB

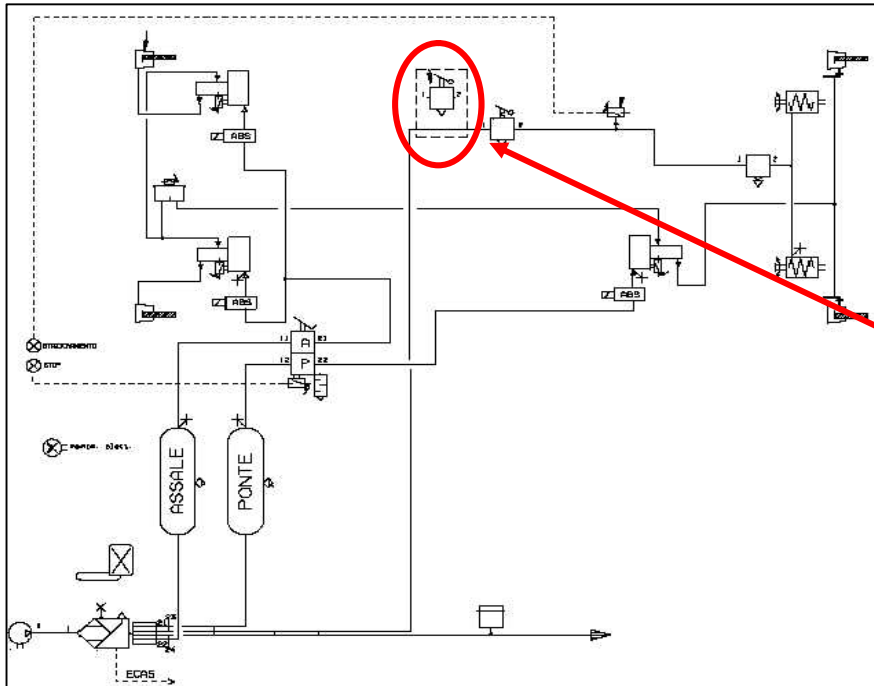
#### COMPULSORY OPTIONS (minimum specification)

CCP 8277 HEATED UREA TANK **New!**  
CCP 191 RADIATOR GUARD  
CCP 567 BATTERIES 110 Ah (FOR FDP E75)  
CCP 2096 AIR DRIER WITH HEATER  
CCP 2289 HEATED PREFILTER  
or  
CCP 6883 RACOR HEATED PRE FILTER  
CCP 2558 JET HEADLAMP WASHERS  
or  
CCP 2714 HEATED /ELECTRICAL ADJUSTABLE MIRRORS  
or  
CCP 697 HEATED REAR VIEW MIRRORS

CCP 8277 HEATED UREA TANK **New!**  
CCP 191 RADIATOR GUARD  
CCP 567 BATTERIES 110 Ah (FOR FDP Q75)  
CCP 2096 AIR DRIER WITH HEATER  
CCP 2289 HEATED PREFILTER  
or  
CCP 6883 RACOR HEATED PRE FILTER  
CCP 2558 JET HEADLAMP WASHERS  
CCP 6656 SUPPLEMENTARY CAB HEATER  
CCP 2714 HEATED /ELECTRICAL ADJUSTABLE MIRRORS  
or  
CCP 697 HEATED REAR VIEW MIRRORS

## OPTION PACKS

### NEW EUROCARGO BRAKING SYSTEM SCHEME

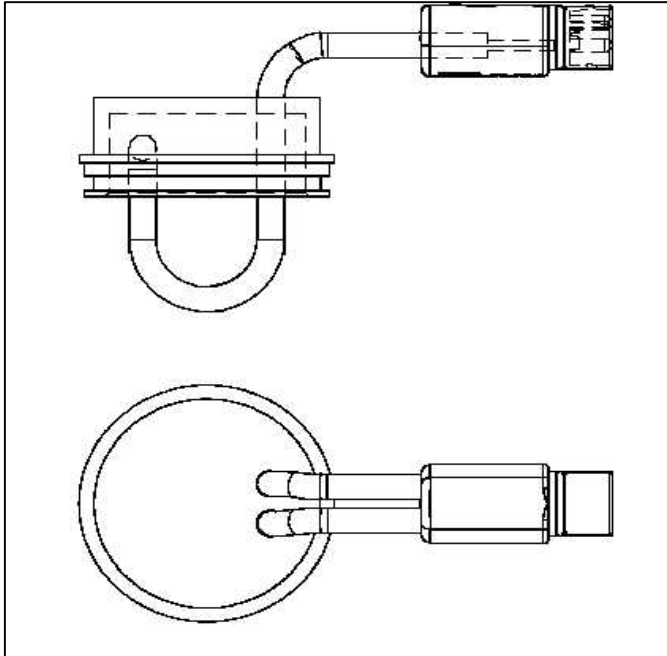


Additional braking valve for  
cylinder brakes fitted on  
central tunnel cab when  
CCPs 851 & 6400  
are ordered



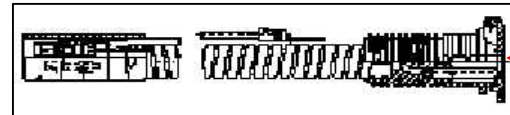
## OPTION PACKS

### BLOCK HEATER

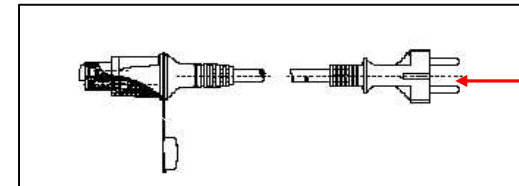


CHARACTERISTICS	
Alternating voltage:	220 V
Frequency:	50 Hz
Rating Power:	750 W

The block heater is assembly on the engine block (Right Side).  
A specific electrical cable from the block heater to the external power connection (positioned near tilting cab pump) and additional 5 m length cable is supplied loose.



**220 V plug for  
external power  
connection**



**220 V mains cable  
5 m lenght**

## RIGHT HAND DRIVE FOR RHD CIRCULATION (CCP6424) LEFT HAND DRIVE FOR LHD CIRCULATION (CCP 6425)

Right hand drive Eurocargo Models for continental operation and left hand drive Eurocargo for use in the U.K. can be made available by:

### RHD for Continental Europe

- 6424 : RHD FOR RHD CIRCULATION  
(Adaptation of head lamps , rear lights , mirrors)

And one of the following CCP :

- 2934 SPEEDOMETER Miles/km
- 2528 : TACHOGRAPH 2 DRIVER - EEC Miles/km
- 8818 : DIGITAL TACHO FOR ADR

**N.B:** As per all LHD for Continental Europe, CCP 2182 (Left exhaust pipe) is also available with CCP 6424 RHD for RHD circulation

### LHD for U.K.

- 6425 : LHD FOR LHD CIRCULATION  
(Adaptation of head lamps , rear lights , mirrors)

And one of the following CCP :

- 2934 SPEEDOMETER Miles/km
- 2528 : TACHOGRAPH 2 DRIVER - EEC Miles/km
- 8818 : DIGITAL TACHO FOR ADR

**N.B :** As per all RHD UK, CCP 2182 (Left exhaust pipe) is not available with CCP 6425 LHD for LHD circulation





## CHAPTER F

60E.. / 65E.. / 75E.. / 80EL.. : FDP E75  
MLC , MLL



**Weight Configuration**

**F.2**

**Performance (Tyres / Axle Ratio)**

**F.3**

## WEIGHT CONFIGURATIONS FDP E 75

### 60E.. / 65E.. / 75E.. / 80EL.. - MLC / MLL

	ML 60E14 / ML 60E16	ML65E14 / ML 65E16	ML 75E14 / ML 75E16 / ML75E18		ML 80EL16 - ML80EL18	
<b>G.V.W. [kg]</b>	<b>6200 (*)</b>	<b>7000</b>	<b>7500 (or 7490)</b>	7500 ( or 7490)	<b>8000</b>	8000
<b>Front axle [kg]</b>	<b>2900</b>	<b>3200</b>	<b>3200</b>	3600	<b>3400</b>	3600
<b>Rear axle [kg]</b>	<b>4000</b>	<b>4600</b>	<b>5200</b>	5200	<b>5400</b>	5400
<b>Options for model/weight configuration</b>	CCP 6485 Badging & Frame Plating 60E..	CCP 6484 Badging & Frame Plating 65E..	<b>CCP 6486</b> <b>Badging &amp; Frame Plating 75E..</b>		CCP 5600 Badging & Frame Plating 80EL..	
					CCP 2198 Front Underrun Protection	
	CCP 7422 2900 - 4000 kg	CCP 14637 3200 - 4600 kg		CCP 7551 3600 - 5200 kg	CCP 7562 3400 - 5400 kg CCP 20825 215/75 R 17.5	CCP 7561 3600 - 5400 kg
<b>Standard tyres</b>	<b>CCP 20823</b> <b>205/75 R 17.5</b>	<b>CCP 20823</b> <b>205/75 R 17.5</b>	<b>CCP 20823</b> <b>205/75 R 17.5</b>	N.A.	N.A.	N.A.
<b>Additional choice of tyres</b>	CCP 20856 205/75 R 17.5  CCP 20009 9.5 R 17.5	CCP 20856 205/75 R 17.5 CCP 20825 215/75 R 17.5 CCP 20832 215/75 R 17.5  CCP 20009 9.5 R 17.5	CCP 20856 205/75 R 17.5 CCP 20825 215/75 R 17.5 CCP 20832 215/75 R 17.5 CCP 20028 225/75 R 17.5 R CCP 20009 9.5 R 17.5	CCP 20028 225/75 R 17.5 R CCP 20009 9.5 R 17.5	CCP 20832 215/75 R 17.5 CCP 20028 225/75 R 17.5 R CCP 20009 9.5 R 17.5	CCP 20028 225/75 R 17.5 R CCP 20009 9.5 R 17.5

**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

## PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption ), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E14, E16 & E18 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).

# TYRES / AXLE RATIOS - E14

60E.. / 65E.. / 75E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E14	5 Speed	205/75 R 17.5			
		215/75 R 17.5			
		225/75 R 17.5			
		9.5 R 17.5			
	2855B.6	205/75 R 17.5	4.3	6015	3.58
		215/75 R 17.5		2007	3.91
225/75 R 17.5		2009		4.56	
	3005	5.125			
	2009	4.56			
9.5 R 17.5	3005	5.125			
		6025	5.57		

## PERFORMANCE - 60E14

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
						Level Ground	1% Gradient	Level Ground	1% Gradient
ML 60E14, /P 5 speed	205/75 R 17,5								
	9.5 R 17.5								
ML 60E14, /P ML 60E14R, R/P 2855B.6 - 6 speed	205/75 R 17,5	STD	4.3	111	118	111	105	N.A.	N.A.
		6015	3.58	133	141	113	105	N.A.	N.A.
		2007	3.91	122	129	114	105	91	68
		2009	4.56	105	111	106	104	91	74
		3005	5.125	93	99	97	95	92	78
	9.5 R 17.5	STD	4.3	124	131	114	105	N.A.	N.A.
		2009	4.56	117	124	114	106	N.A.	N.A.
		3005	5.125	104	110	106	104	92	76
		6025	5.57	96	101	99	97	92	79
ML 60E14 K 5 speed	9.5 R 17.5								
ML 60E14 K ML 60E14 KR 2855B.6 - 6 speed	9.5 R 17.5	STD	4.3	124	131	114	105	N.A.	N.A.
		2009	4.56	117	124	114	106	N.A.	N.A.
		3005	5.125	104	110	106	104	92	76
		6025	5.57	96	101	99	97	92	79

## PERFORMANCE - 65E14

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1% Gradient	Level Ground	1% Gradient
ML 65E14, /P 5 speed	205/75 R 17.5								
	215/75 R 17.5								
	9.5 R 17.5								
ML 65E14, /P ML 65E14R, R/P 2855B.6 - 6 speed	205/75 R 17.5	STD	4.3	111	118	113	103	N.A.	N.A.
		6015	3.58	133	141	113	101	N.A.	N.A.
		2007	3.91	122	129	111	103	91	68
		2009	4.56	105	111	106	103	91	74
		3005	5.125	93	99	97	95	92	78
	215/75 R 17.5	STD	4.3	113	119	113	103	N.A.	N.A.
		6015	3.58	135	143	113	100	N.A.	N.A.
		2007	3.91	124	131	113	103	N.A.	N.A.
		2009	4.56	106	113	108	103	91	72
		3005	5.125	95	100	98	96	92	78
	9.5 R 17.5	STD	4.3	124	131	113	103	N.A.	N.A.
		2009	4.56	117	124	113	104	N.A.	N.A.
		3005	5.125	104	110	106	104	92	76
		6025	5.57	96	101	99	97	92	79
	ML 65E14 K 5 speed	9.5 R 17.5							
ML 65E14 K ML 65E14 KR 2855B.6 - 6 speed	9.5 R 17.5	STD	4.3	124	131	113	103	N.A.	N.A.
		2009	4.56	117	124	113	104	N.A.	N.A.
		3005	5.125	104	110	106	104	92	76
		6025	5.57	96	101	99	97	92	79

## PERFORMANCE - 75E14

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
						Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 75E14, /P 5 speed	205/75 R 17.5								
	215/75 R 17.5								
	225/75 R 17.5								
	9.5 R 17.5								
ML 75E14 K 5 speed	9.5 R 17.5								



## PERFORMANCE - 75E14

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
						Level Ground	1% Gradient	Level Ground	1% Gradient
<b>ML 75E14, /P ML 75E14R, R/P 2855B.6 - 6 speed</b>	205/75 R 17.5	STD	4.3	111	118	112	102	N.A.	N.A.
		6015	3.58	133	141	112	99	N.A.	N.A.
		2007	3.91	122	129	111	102	N.A.	N.A.
		2009	4.56	105	111	106	102	N.A.	N.A.
		3005	5.125	93	99	96	95	89	74
	215/75 R 17.5	STD	4.3	113	119	112	98	N.A.	N.A.
		6015	3.58	135	143	112	102	N.A.	N.A.
		2007	3.91	124	131	112	102	N.A.	N.A.
		2009	4.56	106	113	108	102	N.A.	N.A.
		3005	5.125	95	100	98	96	89	72
	225/75 R 17.5	STD	4.3	115	121	112	102	N.A.	N.A.
		6015	3.58	138	146	112	96	N.A.	N.A.
		2007	3.91	126	134	112	102	N.A.	N.A.
		2009	4.56	108	114	109	102	N.A.	N.A.
		3005	5.125	96	102	100	98	89	70
	9.5 R 17.5	STD	4.3	124	131	113	102	N.A.	N.A.
		2009	4.56	117	124	113	102	N.A.	N.A.
		3005	5.125	104	110	106	103	90	64
		6025	5.57	96	101	99	97	90	72
	<b>ML 75E14 K ML 75E14 KR 2855B.6 - 6 speed</b>	9.5 R 17.5	STD	4.3	124	131	113	102	N.A.
2009			4.56	117	124	113	102	N.A.	N.A.
3005			5.125	104	110	106	103	90	64
6025			5.57	96	101	99	97	90	72

## TYRES / AXLE RATIOS - E16

60E.. / 65E.. / 75E.. / 80EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E16	5 Speed	205/75 R 17.5			
		215/75 R 17.5			
		225/75 R 17.5			
		9.5 R 17.5			
	2855B.6	205/75 R 17.5	3.58	2007	3.91
		215/75 R 17.5		2008	4.3
		225/75 R 17.5		2009	4.56
				3005	5.125
9.5 R 17.5	N.A.	2008	4.3		
		2009	4.56		
		3005	5.125		
		6025	5.57		

## PERFORMANCE - 60E16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1% Gradient	Level Ground	1% Gradient
ML 60E16, /P 5 speed	205/75 R 17,5								
	9.5 R 17.5								
ML 60E16, /P ML 60E16R, R/P 2855B.6 - 6 speed	205/75 R 17,5	STD	3.58	133	141	120	111	N.A.	N.A.
		2007	3.91	122	129	119	111	96	72
		2008	4.3	111	117	113	111	96	81
		2009	4.56	104	111	107	106	97	84
		3005	5.125	93	98	97	96	94	84
	9.5 R 17.5	2008	4.3	124	131	120	112	N.A.	N.A.
		2009	4.56	117	124	117	112	97	78
		3005	5.125	104	110	107	105	97	84
		6025	5.57	96	101	100	98	96	85
ML 60E16 K 5 speed	9.5 R 17.5								
ML 60E16 K ML 60E16 KR 2855B.6 - 6 speed	9.5 R 17.5	2008	4.3	124	131	120	112	N.A.	N.A.
		2009	4.56	117	124	117	112	97	78
		3005	5.125	104	110	107	105	97	84
		6025	5.57	96	101	100	98	96	85

## PERFORMANCE - 65E16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
	Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.		
	Options					Level Ground	1% Gradient	Level Ground	1% Gradient	
ML 65E16, /P 5 speed	205/75 R 17.5									
	215/75 R 17.5									
	9.5 R 17.5									
	ML 65E16 K 5 speed	9.5 R 17.5								

## PERFORMANCE - 65E16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
						Solo full G.V.W.		Towing full G.C.W.		
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient	
<b>ML 65E16, /P ML 65E16R, R/P 2855B.6 - 6 speed</b>	<b>205/75 R 17.5</b>	<b>STD</b>	<b>3.58</b>	133	141	119	109	N.A.	N.A.	
		<b>2007</b>	<b>3.91</b>	122	129	119	109	96	72	
		<b>2008</b>	<b>4.3</b>	111	117	112	110	96	81	
		<b>2009</b>	<b>4.56</b>	104	111	107	105	97	84	
		<b>3005</b>	<b>5.125</b>	93	98	97	96	94	84	
	<b>215/75 R 17.5</b>	<b>STD</b>	<b>3.58</b>	135	143	119	109	N.A.	N.A.	
		<b>2007</b>	<b>3.91</b>	124	131	118	109	N.A.	N.A.	
		<b>2008</b>	<b>4.3</b>	112	119	114	110	96	80	
		<b>2009</b>	<b>4.56</b>	106	112	109	107	97	84	
		<b>3005</b>	<b>5.125</b>	94	100	99	97	95	84	
	<b>9.5 R 17.5</b>	<b>2008</b>	<b>4.3</b>	124	131	119	110	N.A.	N.A.	
		<b>2009</b>	<b>4.56</b>	117	124	117	110	97	78	
		<b>3005</b>	<b>5.125</b>	104	110	107	105	97	84	
		<b>6025</b>	<b>5.57</b>	96	101	100	98	96	85	
	<b>ML 65E16 K ML 65E16 KR 2855B.6 - 6 speed</b>	<b>9.5 R 17.5</b>	<b>2008</b>	<b>4.3</b>	124	131	119	110	N.A.	N.A.
			<b>2009</b>	<b>4.56</b>	117	124	117	110	97	78
<b>3005</b>			<b>5.125</b>	104	110	107	105	97	84	
<b>6025</b>			<b>5.57</b>	96	101	100	98	96	85	

## PERFORMANCE - 75E16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1% Gradient	Level Ground	1% Gradient
ML 75E16, /P 5 speed	205/75 R 17.5								
	215/75 R 17.5								
	225/75 R 17.5								
	9.5 R 17.5								
ML 75E16 K 5 speed	9.5 R 17.5								

## PERFORMANCE - 75E16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1% Gradient	Level Ground	1% Gradient
ML 75E16, /P ML 75E16R, R/P 2855B.6 - 6 speed	205/75 R 17.5	STD	3.58	133	141	118	108	N.A.	N.A.
		2007	3.91	122	129	118	108	N.A.	N.A.
		2008	4.3	111	117	112	108	94	70
		2009	4.56	104	111	107	105	94	76
		3005	5.125	93	98	97	96	93	79
	215/75 R 17.5	STD	3.58	135	143	118	108	N.A.	N.A.
		2007	3.91	124	131	118	108	N.A.	N.A.
		2008	4.3	112	119	114	108	94	68
		2009	4.56	106	112	109	107	94	74
		3005	5.125	94	100	99	97	94	79
	225/75 R 17.5	STD	3.58	138	146	118	108	N.A.	N.A.
		2007	3.91	126	134	118	108	N.A.	N.A.
		2008	4.3	115	122	116	108	N.A.	N.A.
		2009	4.56	108	115	111	108	94	72
		3005	5.125	96	102	100	99	94	79
	9.5 R 17.5	2008	4.3	124	131	119	109	N.A.	N.A.
		2009	4.56	117	124	117	109	N.A.	N.A.
		3005	5.125	104	110	107	105	95	78
		6025	5.57	96	101	100	98	95	80
	ML 75E16 K ML 75E16 KR 2855B.6 - 6 speed	9.5 R 17.5	2008	4.3	124	131	119	109	N.A.
2009			4.56	117	124	117	109	N.A.	N.A.
3005			5.125	104	110	107	105	95	78
6025			5.57	96	101	100	98	95	80

## PERFORMANCE - 80EL16

MODEL	Tyres		Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
	Standard		CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.		
	Options						Level Ground	1% Gradient	Level Ground	1% Gradient	
ML 80EL16, /P 5 speed	205/75 R 17.5										
	215/75 R 17.5										
	225/75 R 17.5										
	9.5 R 17.5										



## PERFORMANCE - 80EL16

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 80EL16, /P ML 80EL16R, R/P 2855B.6 - 6 speed	205/75 R 17.5	STD	3.58	133	141	118	106	N.A.	N.A.
		2007	3.91	122	129	118	107	N.A.	N.A.
		2008	4.3	111	117	112	107	94	70
		2009	4.56	104	111	107	105	94	76
		3005	5.125	93	98	97	95	93	79
	215/75 R 17.5	STD	3.58	135	143	117	107	N.A.	N.A.
		2007	3.91	124	131	118	108	N.A.	N.A.
		2008	4.3	112	119	114	107	94	68
		2009	4.56	106	112	109	106	94	74
		3005	5.125	94	100	99	97	94	79
	225/75 R 17.5	STD	3.58	138	146	117	106	N.A.	N.A.
		2007	3.91	126	134	118	107	N.A.	N.A.
		2008	4.3	115	122	116	107	N.A.	N.A.
		2009	4.56	108	115	110	107	94	72
		3005	5.125	96	102	100	98	94	79
	9.5 R 17.5	2008	4.3	124	131	118	107	N.A.	N.A.
		2009	4.56	117	124	117	108	N.A.	N.A.
		3005	5.125	104	110	107	105	95	78
		6025	5.57	96	101	100	98	95	80

## TYRES / AXLE RATIOS - E18

75E.. / 80EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E18	5 Speed	205/75 R 17.5			
		215/75 R 17.5			
		225/75 R 17.5			
		9.5 R 17.5			
	2855B.6	205/75 R 17.5	3.58	2007	3.91
		215/75 R 17.5		2008	4.3
		225/75 R 17.5		2009	4.56
				3005	5.125
9.5 R 17.5	N.A.	2008	4.3		
		2009	4.56		
		3005	5.125		
			6025	5.57	

<b>PERFORMANCE - 75E18</b>									
<b>MODEL</b>	<b>Tyres</b>	<b>Axle Ratio</b>		<b>Theoretical Speed [km/h]</b>		<b>Performance with Box [km/h]</b>			
		<b>CCP codes</b>	<b>Ratios</b>	<b>2700 revs</b>	<b>2860 revs</b>	<b>Solo full G.V.W.</b>		<b>Towing full G.C.W.</b>	
	<b>Standard Options</b>					<b>Level Ground</b>	<b>1% Gradient</b>	<b>Level Ground</b>	<b>1% Gradient</b>
<b>ML 75E18, /P 5 speed</b>	<b>205/75 R 17.5</b>								
	<b>215/75 R 17.5</b>								
	<b>225/75 R 17.5</b>								
	<b>9.5 R 17.5</b>								
<b>ML 75E18 K 5 speed</b>	<b>9.5 R 17.5</b>								

## PERFORMANCE - 75E18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
				Solo full G.V.W.		Towing full G.C.W.			
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1% Gradient	Level Ground	1% Gradient
ML 75E18, /P ML 75E18R, R/P 2855B.6 - 6 speed	205/75 R 17.5	STD	3.58	133	141	123	113	N.A.	N.A.
		2007	3.91	122	129	122	113	98	68
		2008	4.3	111	117	113	111	98	77
		2009	4.56	104	111	108	106	98	83
		3005	5.125	93	98	98	96	94	84
	215/75 R 17.5	STD	3.58	135	143	123	113	N.A.	N.A.
		2007	3.91	124	131	123	113	N.A.	N.A.
		2008	4.3	112	119	115	113	98	76
		2009	4.56	106	112	110	108	98	81
		3005	5.125	94	100	99	98	95	84
	225/75 R 17.5	STD	3.58	138	146	123	113	N.A.	N.A.
		2007	3.91	126	134	123	113	N.A.	N.A.
		2008	4.3	115	122	117	113	98	74
		2009	4.56	108	115	111	109	98	79
		3005	5.125	96	102	101	99	97	84
	9.5 R 17.5	2008	4.3	124	131	123	113	98	68
		2009	4.56	117	124	118	113	99	74
		3005	5.125	104	110	108	106	99	84
		6025	5.57	96	101	100	99	96	84
	ML 75E18 K ML 75E18 KR 2855B.6 - 6 speed	9.5 R 17.5	2008	4.3	124	131	123	113	98
2009			4.56	117	124	118	113	99	74
3005			5.125	104	110	108	106	99	84
6025			5.57	96	101	100	99	96	84

## PERFORMANCE - 80EL18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 80EL18, /P 5 speed	205/75 R 17.5								
	215/75 R 17.5								
	225/75 R 17.5								
	9.5 R 17.5								

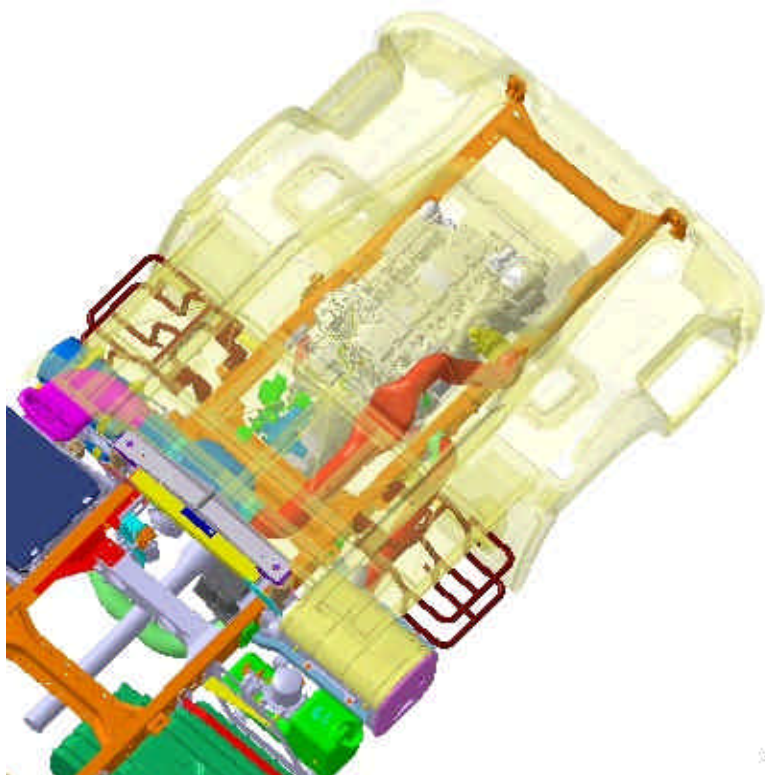
## PERFORMANCE - 80EL18

MODEL	Tyres	Axle Ratio		Theoretical		Performance with Box [km/h]			
				Speed [km/h]		Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 80EL18, /P ML 80EL18R, R/P 2855B.6 - 6 speed	205/75 R 17.5	STD	3.58	133	141	122	12	N.A.	N.A.
		2007	3.91	122	129	122	112	98	68
		2008	4.3	111	117	113	111	98	77
		2009	4.56	104	111	108	106	98	83
		3005	5.125	93	98	98	96	94	84
	215/75 R 17.5	STD	3.58	135	143	122	112	N.A.	N.A.
		2007	3.91	124	131	122	112	N.A.	N.A.
		2008	4.3	112	119	115	112	98	76
		2009	4.56	106	112	109	107	98	81
		3005	5.125	94	100	99	98	95	84
	225/75 R 17.5	STD	3.58	138	146	122	112	N.A.	N.A.
		2007	3.91	126	134	122	112	N.A.	N.A.
		2008	4.3	115	122	116	112	98	74
		2009	4.56	108	115	111	109	98	79
		3005	5.125	96	102	101	99	97	84
	9.5 R 17.5	2008	4.3	124	131	123	112	98	68
		2009	4.56	117	124	118	112	99	74
		3005	5.125	104	110	107	105	99	84
		6025	5.57	96	101	100	98	96	84



## CHAPTER G

80E.. / 90E.. / 100E.. : FDP E100  
MLC , MLL , CREW CAB (MLD)



**Weight Configuration**

**G.2**

**Performance (Tyres / Axle Ratio)**

**G.3**

## WEIGHT CONFIGURATIONS FDP E100

### 80E.. / 90E.. / 100E.. - MLC / MLL / MLD

	80E.. - MLC/ MLL/ MLD		90E.. - MLC/ MLL/ MLD		100E.. - MLC/ MLL/ MLD
<b>G.V.W. [kg]</b>	<b>8000</b> (7500 or 7490)*	8000 (7500 or 7490)*	<b>9000</b>	9000	<b>10000</b>
<b>Front axle [kg]</b>	<b>3400</b>	3600	<b>3400</b>	3600	<b>3600</b>
<b>Rear axle [kg]</b>	<b>5800</b>	5800	<b>6300</b>	6300	<b>6800</b>
<b>Options for model/weight configuration</b>	CCP 6490 Badging & Frame Plating 80E..		CCP 5601 Badging & Frame Plating 90E..		<b>CCP 5602</b> <b>Badging &amp; Frame Plating 100E..</b>
	CCP 7426 3400 - 5800 kg  CCP 20832 215/75 R 17.5	CCP 7552 3600 - 5800 kg	CCP 4787 3400 - 6300 kg  CCP 20832 215/75 R 17.5	CCP 7596 3600 - 6300 kg	
<b>Standard tyres</b>	N.A.	N.A.	N.A.	N.A.	<b>CCP 20028</b> <b>225/75 R 17.5 R</b>
<b>Additional choice of tyres</b>	CCP 20600 225/75 R 17.5 R CCP 20009 9.5 R 17.5		CCP 20600 225/75 R 17.5 R CCP 20009 9.5 R 17.5		CCP 20009 9.5 R 17.5

\* Obtained with CCP 419



Standard VCB Execution



**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

## PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption ), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E18 & E22 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).

<h2 style="margin: 0;">TYRES /AXLE RATIOS E18</h2> <h3 style="margin: 0;">(For All Versions)</h3>
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**80E.. / 90E..**

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E18	2855B.6	215/75 R 17.5 225/75 R 17.5	4.1	2006	3.73
				2009	4.56
				2010	4.88
		2870B.9	9.5 R 17.5	N.A.	2009
	2010				4.88
	6025				5.57
	2855B.6		215/75 R 17.5 225/75 R 17.5	3.21	6008
		2006			3.73
11		4.1			
2870B.9		9.5 R 17.5	N.A.	2006	3.73
	11			4.1	
	2009			4.56	

**100E..**

E18	2855B.6	225/75 R 17.5	4.1	2006	3.73
				2009	4.56
				2010	4.88
		2870B.9	9.5 R 17.5	N.A.	2009
	2010				4.88
	6025				5.57
	2855B.6		225/75 R 17.5	3.21	6008
		2006			3.73
11		4.1			
2870B.9		9.5 R 17.5	N.A.	2006	3.73
	11			4.1	
	2009			4.56	

## PERFORMANCE - 80E18

MODEL	Tyres Standard Options	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
						Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 80E18, /P,/FP ML 80E18D, D/P ML80E18R, R/P, R/FP ML80E18DR, DR/P 2855B.6 - 6 speed	215/75 R 17.5	STD	4.1	118	125	118	112	97	64
		2006	3.73	130	137	122	111	N.A.	N.A.
		2009	4.56	106	112	109	109	97	76
		2010	4.88	99	105	103	103	97	81
	225/75 R 17.5	STD	4.1	121	128	121	112	N.A.	N.A.
		2006	3.73	133	141	122	111	N.A.	N.A.
		2009	4.56	109	115	111	109	97	76
		2010	4.88	102	108	105	103	97	81
	9.5 R 17.5	2009	4.56	117	123	118	112	98	68
		2010	4.88	109	116	112	110	97	75
		6025	5.57	96	101	100	100	96	82
ML 80E18, /P,/FP ML80E18D, D/P ML80E18R, R/P, R/FP ML80E18DR, DR/P 2870B.9 - 9 speed	215/75 R 17.5	STD	3,21	118	125	119	113	98	68
		6008	3.38	112	119	114	112	98	72
		2006	3.73	102	108	106	104	98	82
		11	4,1	92	98	97	96	94	82
	225/75 R 17.5	STD	3,21	121	128	121	113	98	64
		6008	3.38	115	122	116	113	98	70
		2006	3.73	104	110	108	106	98	80
		11	4,1	95	100	99	98	95	82
	9.5 R 17.5	2006	3.73	112	118	114	112	99	75
		11	4,1	102	108	106	104	99	83
		2009	4,56	92	97	96	95	93	83
ML 80E18K, DK ML 80E18KR, DKR 2855B.6 - 6 speed	9.5 R 17.5	2009	4.56	117	123	118	112	98	68
		2010	4.88	109	116	112	110	97	75
		6025	5.57	96	101	100	100	96	82
ML 80E18K, DK ML 80E18KR, DKR 2870B.9 - 9 speed	9.5 R 17.5	2006	3.73	112	118	114	112	99	75
		11	4,1	102	108	106	104	99	83
		2009	4,56	92	97	96	95	93	83

## PERFORMANCE - 90E18

MODEL	Tyres Standard Options	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
						Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 90E18, /P, /FP ML 90E18D, D/P ML90E18R, R/P, R/FP ML90E18DR, DR/P 2855B.6 - 6 speed	215/75 R 17.5	STD	4.1	118	125	121	109	97	64
		2006	3.73	130	137	119	109	N.A.	N.A.
		2009	4.56	106	112	109	107	97	76
		2010	4.88	99	105	103	101	97	81
	225/75 R 17.5	STD	4.1	121	128	121	109	N.A.	N.A.
		2006	3.73	133	141	121	109	N.A.	N.A.
		2009	4.56	109	115	111	109	97	76
		2010	4.88	102	108	105	103	97	81
	9.5 R 17.5	2009	4.56	117	123	118	110	98	68
		2010	4.88	109	116	112	109	97	75
		6025	5.57	96	101	100	98	96	82
ML 90E18, /P, /FP ML 90E18D, D/P ML90E18R, R/P, R/FP ML90E18DR, DR/P 2870B.9 - 9 speed	215/75 R 17.5	STD	3.21	118	125	119	110	98	68
		6008	3.38	112	119	114	110	98	72
		2006	3.73	102	108	105	103	98	82
		11	4.1	92	98	97	96	94	82
	225/75 R 17.5	STD	3.21	121	128	121	110	98	64
		6008	3.38	115	122	116	110	98	70
		2006	3.73	104	110	107	105	98	80
		11	4.1	95	100	99	97	95	82
	9.5 R 17.5	2006	3.73	112	118	114	111	99	75
		11	4.1	102	108	105	103	99	83
		2009	4.56	92	97	96	95	93	83
ML 90E18K, DK ML 90E18KR, DKR 2855B.6 - 6 speed	9.5 R 17.5	2009	4.56	117	123	118	110	98	68
		2010	4.88	109	116	112	109	97	75
		6025	5.57	96	101	100	98	96	82
ML 90E18K, DK ML 90E18KR, DKR 2870B.9 - 9 speed	9.5 R 17.5	2006	3.73	112	118	114	111	99	75
		11	4.1	102	108	105	103	99	83
		2009	4.56	92	97	96	95	93	83

## PERFORMANCE - 100E18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
ML 100E18, /P, /FP ML 100E18D, D/P ML100E18R, R/P, R/FP ML100E18DR, DR/P 2855B.6 - 6 speed	225/75 R 17.5	STD	4.1	121	128	120	107	N.A.	N.A.
		2006	3.73	133	141	120	107	N.A.	N.A.
		2009	4.56	109	115	111	107	97	76
		2010	4.88	102	108	105	102	97	81
	9.5 R 17.5	2009	4.56	117	123	117	108	98	68
		2010	4.88	109	116	111	108	97	75
ML 100E18, /P, /FP ML 100E18D, D/P ML100E18R, R/P, R/FP ML100E18DR, DR/P 2870B.9 - 9 speed	225/75 R 17.5	STD	3.21	121	128	121	108	98	64
		6008	3.38	115	122	116	108	98	70
		2006	3.73	104	110	107	105	98	80
		11	4.1	95	100	99	97	95	82
	9.5 R 17.5	2006	3.73	112	118	114	109	99	75
		11	4.1	102	108	105	103	99	83
ML 100E18K, DK ML 100E18KR, DKR 2855B.6 - 6 speed	9.5 R 17.5	2009	4.56	117	123	117	108	98	68
		2010	4.88	109	116	111	108	97	75
		6025	5.57	96	101	100	98	96	82
ML 100E18K, DK ML 100E18KR, DKR 2870B.9 - 9 speed	9.5 R 17.5	2006	3.73	112	118	114	109	99	75
		11	4.1	102	108	105	103	99	83
		2009	4.56	92	97	96	94	93	83

## TYRES /AXLE RATIOS E22 (For All Versions)

### 80E.. / 90E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E22	2865B.6 2870B.9	215/75 R 17.5 225/75 R 17.5	3.07	6030	3.21
				6008	3.38
		9.5 R 17.5	N.A.	2006	3.73
				11	4.1
		2009	4.56		

### 100E..

E22	2865B.6 2870B.9	225/75 R 17.5	3.07	6030	3.07
				6008	3.38
		9.5 R 17.5	N.A.	2006	3.73
				11	4.1
		2009	4.56		

## PERFORMANCE - 80E22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient	
<b>ML 80E22, /P, /FP</b> <b>ML 80E22D, D/P</b> <b>ML80E22R, R/P, R/FP</b> <b>ML80E22DR, DR/P</b> <b>2865B.6 - 6 speed</b> <b>2870B.9 - 9 speed</b>	215/75 R 17.5	6030	3.21	118	125	121	119	107	85	
		STD	3.07	123	131	126	123	106	80	
		6008	3.38	112	119	116	114	107	91	
		2006	3.73	102	108	107	105	103	92	
		11	4.1	92	98	99	97	95	92	
	225/75 R 17.5	6030	3.21	121	128	123	121	107	83	
		STD	3.07	127	134	128	123	106	77	
		6008	3.38	115	122	118	116	106	88	
		2006	3.73	104	110	109	107	104	92	
		11	4.1	95	100	100	99	97	92	
	9.5 R 17.5	2006	3,73	112	118	116	114	107	92	
		11	4,1	102	108	107	105	103	92	
		2009	4,56	92	97	97	96	94	92	
	<b>ML 80E22K, DK</b> <b>ML 80E22KR, DKR</b> <b>2865B.6 - 6 speed</b> <b>2870B.9 - 9 speed</b>	9.5 R 17.5	2006	3,73	112	118	116	114	107	92
			11	4,1	102	108	107	105	103	92
2009			4,56	92	97	97	96	94	92	



## PERFORMANCE - 90E22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient	
<b>ML 90E22, /P, /FP ML 90E22D, D/P ML90E22R, R/P, R/FP ML90E22DR, DR/P 2865B.6 - 6 speed 2870B.9 - 9 speed</b>	<b>215/75 R 17.5</b>	<b>6030</b>	<b>3.21</b>	118	125	121	19	107	85	
		<b>STD</b>	<b>3.07</b>	123	131	125	121	106	80	
		<b>6008</b>	<b>3.38</b>	112	119	116	114	107	91	
		<b>2006</b>	<b>3.73</b>	102	108	107	105	103	92	
		<b>11</b>	<b>4.1</b>	92	98	98	97	95	92	
	<b>225/75 R 17.5</b>	<b>6030</b>	<b>3.21</b>	121	128	123	121	107	83	
		<b>STD</b>	<b>3.07</b>	127	134	127	121	106	77	
		<b>6008</b>	<b>3.38</b>	115	122	118	116	106	88	
		<b>2006</b>	<b>3.73</b>	104	110	109	107	104	92	
		<b>11</b>	<b>4.1</b>	95	100	100	99	97	92	
	<b>9.5 R 17.5</b>	<b>2006</b>	<b>3,73</b>	112	118	116	114	107	92	
		<b>11</b>	<b>4,1</b>	102	108	107	105	103	92	
		<b>2009</b>	<b>4,56</b>	92	97	97	96	94	92	
	<b>ML 90E22K, DK ML 90E22KR, DKR 2865B.6 - 6 speed 2870B.9 - 9 speed</b>	<b>9.5 R 17.5</b>	<b>2006</b>	<b>3,73</b>	112	118	116	114	107	92
			<b>11</b>	<b>4,1</b>	102	108	107	105	103	92
<b>2009</b>			<b>4,56</b>	92	97	97	96	94	92	

## PERFORMANCE - 100E22

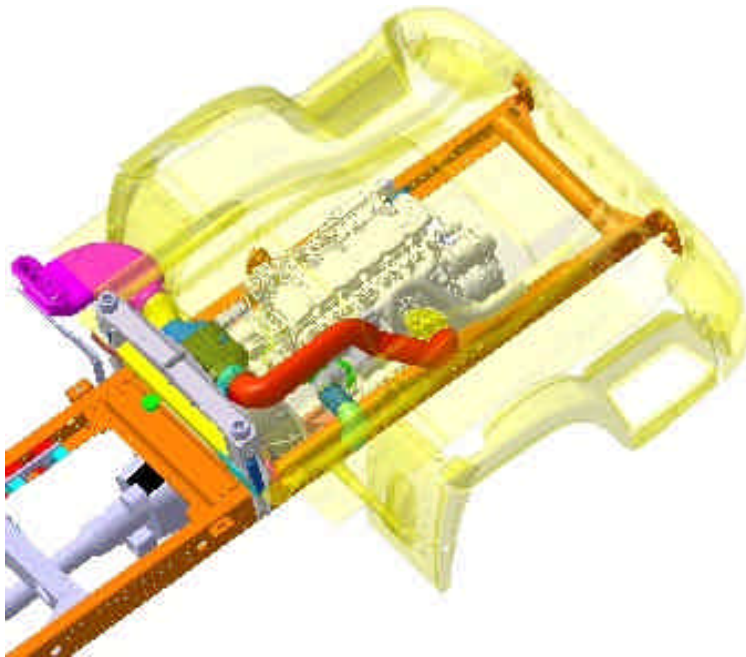
MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 100E22, /P, /FP</b> <b>ML 100E22D, D/P</b> <b>ML100E22R, R/P, R/FP</b> <b>ML100E22DR, DR/P</b> <b>2865B.6 - 6 speed</b> <b>2870B.9 - 9 speed</b>	225/75 R 17.5	6030	3.21	121	128	123	119	107	83
		STD	3.07	127	134	127	119	106	77
		6008	3.38	115	122	118	115	106	88
		2006	3.73	104	110	109	107	104	92
	9.5 R 17.5	11	4.1	95	100	100	98	97	92
		2006	3,73	112	118	115	113	107	92
		11	4,1	102	108	107	105	103	92
		2009	4,56	92	97	97	96	94	92
<b>ML 100E22K, DK</b> <b>ML 100E22KR, DKR</b> <b>2865B.6 - 6 speed</b> <b>2870B.9 - 9 speed</b>	9.5 R 17.5	2006	3,73	112	118	115	113	107	92
		11	4,1	102	108	106	105	103	92
		2009	4,56	92	97	97	96	94	92



# CHAPTER H

## 110EL.. /120EL.. : FDP E120

### MLC , MLL , CREW CAB (MLD)



**Weight Configuration**

**H.2**

**Performance (Tyres / Axle Ratio)**

**H.3**

## WEIGHT CONFIGURATIONS FDP E120 110EL.. / 120EL.. - MLC / MLL

<b>ML120EL..</b>					<b>ML110EL..</b>	
<b>G.V.W. [kg]</b>	12000 (*)	12000 (*)	11500 (**)	11500 (**)	<b>11000</b>	11000
<b>Front axle [kg]</b>	4480	4600	4400	4550	<b>4000</b>	4200
<b>Rear axle [kg]</b>	8480	8500	8480	8500	<b>7600</b>	7900
<b>Options for model/weight configuration</b>	<b>CCP 5604 Badging &amp; Frame Plating 120EL..</b>				<b>CCP 5603 Badging &amp; Frame Plating 110EL..</b>	
			CCP 419 (**)	CCP 419 (**)		
		CCP 7429 Loads 4600 -8500	CCP 7449 Loads 4400 -8480	CCP 4793 Loads 4550-8500	CCP 7616 Loads 4000 -7600	CCP 4794 Loads 4200-7900
<b>Standard tyres</b>	CCP 20167 245/70 R 17.5	N.A.	CCP 20167 245/70 R 17.5	N.A.	CCP 20167 245/70 R 17.5	CCP 20167 245/70 R 17.5
<b>Additional choice of tyres</b>	CCP 20124 265/70 R 17.5					

(\*) **Plating: 12.000 Kg or 11.990 Kg. depending on market requirements.**

(\*\*) **Only for Italy CCP 419 (Badging 110EL..& Downrated GVW)**



**Standard VCB Execution**

**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

## PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E18 & E22 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).

# TYRES / AXLE RATIOS EL18

## 110EL.. / 120EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
EL18	2865B.6 2870B.9	245/70 R 17.5	3.31	2006	3.73
		265/70 R 17.5		11	4.1

## PERFORMANCE - 110EL18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground
ML 110EL18, /P ML 110EL18R, /RP 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	245/70 R 17.5	STD	3.31	118	125	119	107	100	76
		2006	3.73	105	111	108	105	100	84
		11	4.1	95	101	100	97	96	84

(\*) Not available for towing version

## PERFORMANCE - 120EL18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground
ML 120EL18, /P ML 120EL18R, /RP 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	245/70 R 17.5	STD	3.31	118	125	118	106	100	76
		2006	3.73	105	111	108	105	100	84
		11	4.1	95	101	99	97	96	84
	265/75 R 17.5	STD	3.31	122	129	121	106	100	72
		2006	3.73	108	115	111	106	100	84
		11	4.1	98	104	102	100	99	84

(\*) Not available for towing version



# TYRES / AXLE RATIOS EL22

## 110EL.. / 120EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
EL22	2865B.6	245/70 R 17.5	3.07	6007	3.31
	2870B.9	265/70 R 17.5		2006	3.73
				11	4.1

## PERFORMANCE - 110EL22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 110EL22, /P ML 110EL22R, R/P 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	245/70 R 17.5	STD	3.07	127	135	128	117	107	78
		6007	3.31	118	125	120	117	107	86
		2006	3.73	105	111	109	107	105	92
		11	4.1	95	101	101	99	98	92

(\*) Not available for towing version

## PERFORMANCE - 120EL22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 120EL22, /P ML 120EL22R, R/P 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	245/70 R 17.5	STD	3.07	127	135	128	115	107	78
		6007	3.31	118	125	120	115	107	86
		2006	3.73	105	111	109	107	105	92
		11	4.1	95	101	100	98	98	92
	265/70 R 17.5	STD	3.07	132	139	129	115	106	74
		6029	3.31	122	130	124	115	107	83
		2006	3.73	109	115	112	110	107	92
		11	4.1	99	105	104	101	100	92

(\*) Not available for towing version



**CHAPTER I**  
**120E.. /130E../140E.. : FDP E140**  
**MLC , MLL, CREW CAB (MLD)**



**Weight Configuration**

**I.2**

**Performance (Tyres / Axle Ratio)**

**I.5**

# WEIGHT CONFIGURATIONS FDP E140 120E.. - MLC / MLL

## ML120E..

G.V.W. [kg]	12000 (11990)*	12000 (11990)*	11500 (**)	11500 (**)
Front axle [kg]	<b>4480</b>	4800	<b>4400</b>	4550
Rear axle [kg]	<b>8480</b>	8500	<b>8480</b>	8500
<b>Options for model/weight configuration</b>	CCP 6487 - Badging & Frame Plating 120E..			
			CCP 419 - Downrated G.V.W.	
	CCP 14523 Loads 4480 - 8480  CCP 20074 245/70 R 19.5 R	CCP 7620 Loads 4800 - 8500	CCP 7449 Loads 4400 - 8480  CCP 20074 245/70 R 19.5 R	CCP 4793 Loads 4550 - 8500
<b>Standard tyres</b>	N.A.	N.A.	N.A.	N.A.
<b>Additional choice of tyres</b>	CCP 20075 265/70 R 19.5  CCP 20602 285/70 R 19.5 R  CCP 20164 10 R 22.5			

(\*) Plating : 12000 Kg or 11990 Kg depending on market requirements

(\*\*) Only for Italy

## WEIGHT CONFIGURATIONS FDP E140 120E../130E.. - MLD

	<b>ML120E..D</b>	<b>ML130E..D</b>
<b>G.V.W. [kg]</b>	<b>12000 (11990)*</b>	<b>13000</b>
<b>Front axle [kg]</b>	<b>4800</b>	<b>4800</b>
<b>Rear axle [kg]</b>	<b>9200</b>	<b>10000</b>
<b>Options for model/weight configuration</b>	CCP 6487 - Badging & Frame Plating 120E..	<b>CCP 5605 Badging &amp; Frame Plating 130E..</b>
	CCP 7433 Loads 4800 - 9200	
	CCP 20075 265/70 R 19.5 R	
<b>Standard tyres</b>	N.A.	<b>CCP 20076 285/70 R 19.5 R</b>
<b>Additional choice of tyres</b>	CCP 20602 285/70 R 19.5  CCP 20164 10 R 22.5	CCP 20164 10 R 22.5

 **Standard VCB Execution**

(\*) **Plating : 12000 Kg or 11990 Kg depending on market requirements**

## WEIGHT CONFIGURATIONS FDP E140 140E.. - MLC / MLL

<b>ML140E..</b>	
<b>G.V.W. [kg]</b>	<b>14000</b>
<b>Front axle [kg]</b>	<b>5100</b>
<b>Rear axle [kg]</b>	<b>9500</b>
<b>Options for model/weight configuration</b>	<b>CCP 5606</b> <b>Badging &amp; Frame Plating 140E..</b>
<b>Standard tyres</b>	<b>CCP 20076</b> <b>285/70 R 19.5 R</b>
<b>Additional choice of tyres</b>	
	CCP 20164 10 R 22.5



**Standard VCB Execution**

**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

## PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at: 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E18, E22 & E25 Engine Power; 2500 rpm (max. engine power), 2650 rpm (Opi system calculation) and current performance for E28 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).



## TYRES / AXLE RATIOS E18

### 130E.. / 140E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E18	2865B.6 2870B.9	285/70 R 19.5	3.73	2005	3.42
				2021	4.111
				2010	4.88
		10 R 22.5	N.A.	2021	4.111
				2010	4.88
				6025	5.57

### 120E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E18	2865B.6 2870B.9	245/70 R 19.5	3.73	2005	3.42
		265/70 R 19.5		2021	4.111
		285/70 R 19.5		2010	4.88
		10 R 22.5	N.A.	2021	4.111
				2010	4.88
				6025	5.57

## PERFORMANCE - 120E18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground
ML 120E18, /P, /FP ML 120E18R, R/P, R/FP 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	245/70 R 19.5	STD	3.73	111	118	113	106	N.A.	N.A.
		2005	3.42	121	128	120	106	N.A.	N.A.
		2021	4.111	101	107	105	102	95	68
		2010	4.88	85	90	90	88	87	74
	265/70 R 19.5	STD	3.73	115	122	116	106	N.A.	N.A.
		2005	3.42	125	133	120	106	N.A.	N.A.
		2021	4.111	104	111	107	105	95	64
		2010	4.88	88	93	93	91	89	74
	285/70 R 19.5	STD	3.73	119	126	119	106	N.A.	N.A.
		2005	3.42	130	137	120	106	N.A.	N.A.
		2021	4.111	108	114	110	106	N.A.	N.A.
		2010	4.88	91	96	95	93	92	74
	10 R 22.5	2021	4.111	123	130	119	105	N.A.	N.A.
		2010	4.88	104	110	106	104	N.A.	N.A.
		6025	5.57	91	96	95	93	91	73
	120E18 K, KR 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	119	105	N.A.
2010			4.88	104	110	106	104	N.A.	N.A.
6025			5.57	91	96	95	93	91	73

(\*) Not available for towing versions

## PERFORMANCE - 120E18D

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient	
ML 120E18D, D/P ML 120E18DR, DR/P 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	265/70 R 19.5	STD	3.73	115	122	116	106	N.A.	N.A.
		2005	3.42	125	133	120	106	N.A.	N.A.
		2021	4.111	104	111	107	105	95	64
		2010	4.88	88	93	93	91	89	74
	285/70 R 19.5	STD	3.73	119	126	119	106	N.A.	N.A.
		2005	3.42	130	137	120	106	N.A.	N.A.
		2021	4.111	108	114	110	106	N.A.	N.A.
		2010	4.88	91	96	95	93	92	74
	10 R 22.5	2021	4.111	123	130	119	105	N.A.	N.A.
		2010	4.88	104	110	106	104	N.A.	N.A.
		6025	5.57	91	96	95	93	91	73
120E18 DK, DKR 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	119	105	N.A.	N.A.
		2010	4.88	104	110	106	104	N.A.	N.A.
		6025	5.57	91	96	95	93	91	73

(\*) Not available for towing versions

## PERFORMANCE - 130E18D

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 130E18D, D /P</b> <b>ML 130E18DR, DR/P</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.73</b>	119	126	119	104	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	130	137	119	104	N.A.	N.A.
		<b>2021</b>	<b>4.111</b>	108	114	110	104	N.A.	N.A.
		<b>2010</b>	<b>4.88</b>	91	96	95	93	92	74
	<b>10 R 22.5</b>	<b>2021</b>	<b>4.111</b>	123	130	118	97	N.A.	N.A.
		<b>2010</b>	<b>4.88</b>	104	110	106	102	N.A.	N.A.
		<b>6025</b>	<b>5.57</b>	91	96	95	92	91	73
<b>130E18 DK, DKR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>10 R 22.5</b>	<b>2021</b>	<b>4.111</b>	123	130	118	102	N.A.	N.A.
		<b>2010</b>	<b>4.88</b>	104	110	106	103	N.A.	N.A.
		<b>6025</b>	<b>5.57</b>	91	96	95	93	91	73

(\*) Not available for towing versions

## PERFORMANCE - 140E18

MODEL	Tyres		Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
							Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 140E18, /P, /FP ML 140E18R, R/P, R/FP 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	<b>285/70 R 19.5</b>		<b>STD</b>	<b>3.73</b>	119	126	119	102	N.A.	N.A.
			<b>2005</b>	<b>3.42</b>	130	137	119	102	N.A.	N.A.
			<b>2021</b>	<b>4.111</b>	108	114	110	102	N.A.	N.A.
			<b>2010</b>	<b>4.88</b>	91	96	95	93	92	74
	<b>10 R 22.5</b>		<b>2021</b>	<b>4.111</b>	123	130	117	95	N.A.	N.A.
			<b>2010</b>	<b>4.88</b>	104	110	106	101	N.A.	N.A.
			<b>6025</b>	<b>5.57</b>	91	96	95	92	91	73
140E18 K, KR 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	<b>10 R 22.5</b>		<b>2021</b>	<b>4.111</b>	123	130	117	101	N.A.	N.A.
		<b>2010</b>	<b>4.88</b>	104	110	106	101	N.A.	N.A.	
		<b>6025</b>	<b>5.57</b>	91	96	95	92	91	73	

(\*) Not available for towing versions

## TYRES /AXLE RATIOS E22

### 140E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E22	2865B.6 2870B.9	285/70 R 19.5	3.73	2005	3.42
				2021	4.111
				2010	4.88
		10 R 22.5	N.A.	2021	4.111
				2010	4.88
				6025	5.57

### 120E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E22	2865B.6 2870B.9	245/70 R 19.5	3.73	2005	3.42
		265/70 R 19.5		2021	4.111
		285/70 R 19.5		2010	4.88
		10 R 22.5	N.A.	2021	4.111
				2010	4.88
				6025	5.57

## PERFORMANCE - 120E22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 120E22, /P, /FP</b> <b>ML 120E22R, R/P, R/FP</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>245/70 R 19.5</b>	STD	3.73	111	118	115	112	103	69
		2005	3.42	121	128	123	115	N.A.	N.A.
		2021	4.111	101	107	106	103	101	82
		2010	4.88	85	90	91	89	88	83
	<b>265/70 R 19.5</b>	STD	3.73	115	122	118	115	103	64
		2005	3.42	125	133	126	115	N.A.	N.A.
		2021	4.111	104	111	109	106	103	77
		2010	4.88	88	93	94	92	91	83
	<b>285/70 R 19.5</b>	STD	3.73	119	126	212	115	103	62
		2005	3.42	130	137	127	115	N.A.	N.A.
		2021	4.111	108	114	112	109	103	77
		2010	4.88	91	96	96	94	91	83
	<b>10 R 22.5</b>	2021	4.111	123	130	124	114	N.A.	N.A.
		2010	4.88	103	109	108	105	101	74
		6025	5.57	90	96	96	94	93	81
	<b>120E22 K, KR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>10 R 22.5</b>	2021	4.111	123	130	124	114	N.A.
2010			4.88	103	109	108	105	101	74
6025			5.57	90	96	96	94	93	81

(\*) Not available for towing versions

## PERFORMANCE - 140E22

MODEL	Tyres		Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
							Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 140E22, /P, /FP ML 140E22R, R/P, R/FP 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	<b>285/70 R 19.5</b>		<b>STD</b>	<b>3.73</b>	119	126	121	111	103	62
			<b>2005</b>	<b>3.42</b>	130	137	127	111	N.A.	N.A.
			<b>2021</b>	<b>4.111</b>	108	114	111	108	103	77
			<b>2010</b>	<b>4.88</b>	91	96	96	94	91	83
	<b>10 R 22.5</b>		<b>2021</b>	<b>4.111</b>	123	130	123	110	N.A.	N.A.
			<b>2010</b>	<b>4.88</b>	103	109	107	105	100	74
			<b>6025</b>	<b>5.57</b>	90	96	96	94	88	65
140E22 K, KR 2865B.6 - 6 speed (*) 2870B.9 - 9 speed	<b>10 R 22.5</b>		<b>2021</b>	<b>4.111</b>	123	130	123	110	N.A.	N.A.
<b>2010</b>			<b>4.88</b>	103	109	107	105	101	74	
<b>6025</b>			<b>5.57</b>	90	96	96	94	93	81	

(\*) Not available for towing versions



## TYRES /AXLE RATIOS E25

### 130E.. / 140E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E25	FS0 5206B	285/70 R 19.5	4.111	2006	3.73
				2010	4.88
		10 R 22.5	N.A.	6025	5.57
				7	6.14
	2895B.9	285/70 R 19.5	3.42	6029	3.07
				2006	3.73
				2021	4.111
		10 R 22.5	N.A.	2021	4.111
	2010	4.88			
			6025	5.57	

### 120E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E25	FS0 5206B	245/70 R 19.5	4.111	2006	3,73
		265/70 R 19.5		2010	4,88
		285/70 R 19.5			
		10 R 22.5	N.A.	6025	5.57
		7		6.14	
	2895B.9	245/70 R 19.5	3.42	6029	3.07
		265/70 R 19.5		2006	3.73
		285/70 R 19.5		2021	4.111
10 R 22.5		N.A.	2021	4.111	
	2010		4.88		
			6025	5.57	

## PERFORMANCE - 120E25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 120E25, /P, /FP FSO 5206B - 6 speed	245/70 R 19.5	STD	4.111	128	135	129	119	N.A.	N.A.
		2006	3.73	141	149	132	118	N.A.	N.A.
		2010	4.88	108	114	112	110	N.A.	N.A.
	265/70 R 19.5	STD	4.111	132	140	132	118	N.A.	N.A.
		2006	3.73	145	154	132	118	N.A.	N.A.
		2010	4.88	111	118	115	113	N.A.	N.A.
	285/70 R 19.5	STD	4.111	136	144	132	119	N.A.	N.A.
		2006	3.73	150	159	132	119	N.A.	N.A.
		2010	4.88	115	121	118	116	N.A.	N.A.
	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
ML 120E25, /P, /FP ML 120E25R, R/P, R/FP 2895B.9 - 9 speed	245/70 R 19.5	STD	3.42	121	128	125	122	109	86
		6029	3.07	135	143	135	123	N.A.	N.A.
		2006	3.73	111	118	116	114	109	90
		2021	4.111	101	107	106	105	103	90
	265/70 R 19.5	STD	3.42	125	133	128	123	109	82
		6029	3.07	139	148	136	123	N.A.	N.A.
		2006	3.73	115	121	119	117	109	90
		2021	4.111	104	110	109	108	105	90
	285/70 R 19.5	STD	3.42	129	137	131	123	N.A.	N.A.
		6029	3.07	144	152	136	123	N.A.	N.A.
		2006	3.73	118	125	122	120	109	89
		2021	4.111	107	114	113	111	108	90
	10 R 22.5	2021	4.111	123	130	125	122	108	81
		2010	4.88	104	110	108	107	104	89
		6025	5.57	91	96	96	95	94	89
120E25 K FSO 5206B - 6 speed	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
120E25 K, KR 2895B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	125	122	108	81
		2010	4.88	104	110	108	107	104	89
		6025	5.57	91	96	96	95	94	89

## PERFORMANCE - 120E25D

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 120E25D, D/P FSO 5206B - 6 speed	265/70 R 19.5	STD	4.111	132	140	132	118	N.A.	N.A.
		2006	3.73	145	154	132	118	N.A.	N.A.
		2010	4.88	111	118	115	113	N.A.	N.A.
	285/70 R 19.5	STD	4.111	136	144	132	119	N.A.	N.A.
		2006	3.73	150	159	132	119	N.A.	N.A.
		2010	4.88	115	121	118	116	N.A.	N.A.
	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
ML 120E25D, D/P ML 120E25DR, DR/P 2895B.9 - 9 speed	265/70 R 19.5	STD	3.42	125	133	128	123	109	82
		6029	3.07	139	148	136	123	N.A.	N.A.
		2006	3.73	115	121	119	117	109	90
		2021	4.111	104	110	109	108	105	90
	285/70 R 19.5	STD	3.42	129	137	131	123	N.A.	N.A.
		6029	3.07	144	152	136	123	N.A.	N.A.
		2006	3.73	118	125	122	120	109	89
		2021	4.111	107	114	113	111	108	90
	10 R 22.5	2021	4.111	123	130	125	122	108	81
		2010	4.88	104	110	108	107	104	89
		6025	5.57	91	96	96	95	94	89
120E25 DK FSO 5206B - 6 speed	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
120E25 DK, DKR 2895B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	125	122	108	81
		2010	4.88	104	110	108	107	104	89
		6025	5.57	91	96	96	95	94	89

## PERFORMANCE - 130E25D

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground
ML 130E25D, D/P FSO 5206B - 6 speed	285/70 R 19.5	STD	4.111	136	144	131	117	N.A.	N.A.
		2006	3.73	150	159	131	117	N.A.	N.A.
		2010	4.88	115	121	118	115	N.A.	N.A.
	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
ML 130E25D, D/P ML 130E25DR, DR/P 2895B.9 - 9 speed	285/70 R 19.5	STD	3.42	129	137	131	121	N.A.	N.A.
		6029	3.07	144	152	135	121	N.A.	N.A.
		2006	3.73	118	125	122	119	109	89
		2021	4.111	107	114	113	110	108	90
	10 R 22.5	2021	4.111	123	130	125	120	108	81
		2010	4.88	104	110	108	106	104	89
		6025	5.57	91	96	96	95	94	89
130E25 DK FSO 5206B - 6 speed	10 R 22.5	6025	5.57	115	121	118	115	N.A.	N.A.
		7	6.14	104	111	109	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
130E25 DK, DKR 2895B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	125	120	108	81
		2010	4.88	104	110	108	106	104	89
		6025	5.57	91	96	96	95	94	89

## PERFORMANCE - 140E25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard	Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground
ML 140E25, /P, /FP FSO 5206B - 6 speed	285/70 R 19.5	STD	4.111	136	144	130	115	N.A.	N.A.
		2006	3.73	150	159	130	115	N.A.	N.A.
		2010	4.88	115	121	118	115	N.A.	N.A.
	10 R 22.5	6025	5.57	115	121	118	114	N.A.	N.A.
		7	6.14	104	111	108	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
ML 140E25, /P, /FP ML 140E25R, R/P, R/FP 2895B.9 - 9 speed	285/70 R 19.5	STD	3.42	129	137	131	120	N.A.	N.A.
		6029	3.07	144	152	135	120	N.A.	N.A.
		2006	3.73	118	125	122	119	109	89
		2021	4.111	107	114	112	110	108	90
	10 R 22.5	2021	4.111	123	130	125	119	108	81
		2010	4.88	104	110	108	106	104	89
		6025	5.57	91	96	96	95	94	89
140E25 K FSO 5206B - 6 speed	10 R 22.5	6025	5.57	115	121	118	114	N.A.	N.A.
		7	6.14	104	111	108	106	N.A.	N.A.
		9	6.83	94	99	99	97	N.A.	N.A.
140E25 K, KR 2895B.9 - 9 speed	10 R 22.5	2021	4.111	123	130	125	119	108	81
		2010	4.88	104	110	108	106	104	89
		6025	5.57	91	96	96	95	94	89

## TYRES /AXLE RATIOS E28

### 140E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E28	2895B.9	285/70 R 19.5	<b>3.07</b>	2001	2.93
				2005	3.42
				2006	3.73
				2021	4.111
		10 R 22.5	N.A.	2006	3.73
				2021	4.111
			2010	4.88	

### 120E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E28	2895B.9	245/70 R 19.5	<b>3.07</b>	2001	2.93
		265/70 R 19.5		2005	3.42
		285/70 R 19.5		2006	3.73
				2021	4.111
		10 R 22.5	N.A.	2006	3.73
				2021	4.111
			2010	4.88	

## PERFORMANCE - 120E28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
						Solo full G.V.W.		Towing full G.C.W.		
	Standard Options	CCP codes	Ratios	2500 revs	2650 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient	
<b>ML 120E28, /P, /FP ML 120E28R, R/P, R/FP 2895B.9 - 9 speed</b>	<b>245/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	125	133	128	126	114	86	
		<b>2001</b>	<b>2.93</b>	131	139	133	129	114	81	
		<b>2005</b>	<b>3.42</b>	112	119	117	115	113	95	
		<b>2006</b>	<b>3.73</b>	103	109	108	107	105	95	
		<b>2021</b>	<b>4.111</b>	93	99	98	97	97	94	
	<b>265/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	129	137	132	129	114	82	
		<b>2001</b>	<b>2.93</b>	135	143	137	129	114	77	
		<b>2005</b>	<b>3.42</b>	116	123	120	118	114	95	
		<b>2006</b>	<b>3.73</b>	106	113	111	110	108	95	
		<b>2021</b>	<b>4.111</b>	96	102	101	100	99	95	
	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	133	141	135	129	114	79	
		<b>2001</b>	<b>2.93</b>	139	148	140	129	113	73	
		<b>2005</b>	<b>3.42</b>	119	127	124	121	114	91	
		<b>2006</b>	<b>3.73</b>	109	116	114	113	111	95	
		<b>2021</b>	<b>4.111</b>	99	105	105	103	102	95	
	<b>10 R 22.5</b>	<b>2006</b>	<b>3.73</b>	125	133	128	126	112	83	
		<b>2021</b>	<b>4.111</b>	113	120	118	116	113	94	
		<b>2010</b>	<b>4.88</b>	96	101	101	99	98	94	
	<b>120E28 K, KR 2895B.9 - 9 speed</b>	<b>10 R 22.5</b>	<b>2006</b>	<b>3.73</b>	125	133	128	126	112	83
			<b>2021</b>	<b>4.111</b>	113	120	118	116	113	94
<b>2010</b>			<b>4.88</b>	96	101	101	99	98	94	

## PERFORMANCE - 140E28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2500 revs	2650 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
ML 140E28, /P, /FP ML 140E28R, R/P, R/FP 2895B.9 - 9 speed	285/70 R 19.5	STD	3.07	133	141	135	125	114	79
		2001	2.93	139	148	140	125	113	73
		2005	3.42	119	127	123	121	114	91
		2006	3.73	109	116	114	112	111	95
		2021	4.111	99	105	104	103	102	95
	10 R 22.5	2006	3.73	125	133	128	124	112	83
		2021	4.111	113	120	118	115	113	94
		2010	4.88	96	101	100	99	98	94
	140E28 K,KR 2895B.9 - 9 speed	10 R 22.5	2006	3.73	125	133	128	124	112
2021			4.111	113	120	118	115	113	94
2010			4.88	96	101	100	99	98	94





# CHAPTER J

## 150E../ 160E.. : FDP E160 MLC , MLL



<b>Weight Configuration</b>	<b>J.2</b>
<b>Performance (Tyres / Axle Ratio)</b>	<b>J.3</b>

## WEIGHT CONFIGURATIONS FDP E160 150E../ 160E.. - MLC / MLL

	ML150E..	ML160E..
<b>G.V.W. [kg]</b>	15000	15990
<b>Front axle [kg]</b>	5300	5800
<b>Rear axle [kg]</b>	10700	10900
<b>Options for model/weight configuration</b>	CCP 5607 (*) Badging & Frame Plating 150E..	CCP 4105 Badging & Frame Plating 160E..
	CCP 7438 (*) Loads 5300-10700 kg	CCP 7403 Loads 6100-11000 kg
<b>Standard tyres</b>	CCP 20076 285/70 R 19.5 R	CCP 20076 285/70 R 19.5 R
<b>Additional choice of tyres</b>	CCP 20494 305/70 R 19.5  CCP 20370 11 R 22.5	CCP 20494 305/70 R 19.5  CCP 20370 11 R 22.5
	N.A.	

Standard VCB Execution

(\*) STD for Full Air Suspension only

**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

## PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at: 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E18, E22 & E25 Engine Power; 2500 rpm (max. engine power), 2650 rpm (Opi system calculation) and current performance for E28 & E30 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).

# TYRES /AXLE RATIOS E18

## 150E../160E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E18	2865B.6 2870B.9	285/70 R 19.5	3.91	11	4.1
		305/70 R 19.5		2009	4.6
		11 R 22.5	N.A.	11	4.1
				2009	4.56
				16	5.63

## PERFORMANCE - 150E18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 150E18, /P, /FP</b> <b>ML 150E18R, R/P, R/FP</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.91</b>	114	120	114	100	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	109	115	110	100	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	98	104	101	98	95	72
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.91</b>	116	123	117	99	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	111	117	112	99	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	99	105	103	99	93	63
	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	116	99	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	114	99	N.A.	N.A.
		<b>16</b>	<b>5.63</b>	92	97	96	93	92	72
<b>150E18 K, KR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	116	99	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	114	99	N.A.	N.A.
		<b>16</b>	<b>5.63</b>	92	97	96	93	92	72

(\*) Not available for towing versions

## PERFORMANCE - 160E18

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 160E18, /P</b> <b>ML 160E18R, R/P</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.91</b>	114	120	114	98	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	109	115	110	98	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	98	104	101	97	95	72
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.91</b>	116	123	116	97	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	111	117	112	97	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	99	105	103	97	93	63
	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	115	96	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	114	97	N.A.	N.A.
		<b>16</b>	<b>5.63</b>	92	97	96	93	92	72
<b>160E18 K, KR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	115	96	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	114	97	N.A.	N.A.
		<b>16</b>	<b>5.63</b>	92	97	96	93	92	72

(\*) Not available for towing versions

## TYRES /AXLE RATIOS E22

### 150E../160E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E22	2865B.6 2870B.9	285/70 R 19.5	3.91	2005	3.42
		305/70 R 19.5		2006	3.73
		11 R 22.5		11	4.1
		11 R 22.5	N.A.	11	4.1
				2009	4.56
				16	5.63



## PERFORMANCE - 150E22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 150E22, /P, /FP</b> <b>ML 150E22R, R/P, R/FP</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>2006</b>	<b>3.73</b>	119	126	120	110	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	130	137	126	109	N.A.	N.A.
		<b>STD</b>	<b>3.91</b>	114	120	116	110	103	65
		<b>11</b>	<b>4.1</b>	108	115	112	108	103	72
	<b>305/70 R 19.5</b>	<b>2006</b>	<b>3.73</b>	122	130	123	109	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	133	141	125	107	N.A.	N.A.
		<b>STD</b>	<b>3.91</b>	116	123	119	108	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	111	118	114	108	101	63
	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	125	108	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	116	108	101	60
		<b>16</b>	<b>5.63</b>	92	97	98	95	94	81
	<b>150E22 K, KR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	125	108	N.A.
<b>2009</b>			<b>4.56</b>	113	120	116	108	101	60
<b>16</b>			<b>5.63</b>	92	97	98	95	94	81

(\*) Not available for towing versions

## PERFORMANCE - 160E22

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 160E22, /P</b> <b>ML 160E22R, R/P</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>2006</b>	<b>3.73</b>	119	126	120	108	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	130	137	126	108	N.A.	N.A.
		<b>STD</b>	<b>3.91</b>	114	120	116	108	103	65
		<b>11</b>	<b>4.1</b>	108	115	111	108	103	72
	<b>305/70 R 19.5</b>	<b>2006</b>	<b>3.73</b>	122	130	123	106	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	133	141	124	102	N.A.	N.A.
		<b>STD</b>	<b>3.91</b>	116	123	118	107	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	111	118	114	107	101	63
	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	124	106	N.A.	N.A.
		<b>2009</b>	<b>4.56</b>	113	120	116	107	101	60
		<b>16</b>	<b>5.63</b>	92	97	97	95	94	81
	<b>160E22 K, KR</b> <b>2865B.6 - 6 speed (*)</b> <b>2870B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>11</b>	<b>4.1</b>	126	134	124	106	N.A.
<b>2009</b>			<b>4.56</b>	113	120	116	107	101	60
<b>16</b>			<b>5.63</b>	92	97	97	95	94	81

(\*) Not available for towing versions

## TYRES /AXLE RATIOS E25

### 150E../160E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E25	FS0 5206B	285/70 R 19.5	4.3	11	4.1
		305/70 R 19.5		2009	4.56
				3005	5.125
		11 R 22.5		N.A.	3005
			16	5.63	
			8	6.43	
	2895B.9	285/70 R 19.5	3.42	6030	3.21
		305/70 R 19.5		2007	3.91
		11		4.1	
11 R 22.5		N.A.		11	4.1
		2009	4.56		
		3005	5.125		

## PERFORMANCE - 150E25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 150E25, /P, /FP FS0 5206B - 6 speed</b>	285/70 R 19.5	STD	4.3	130	138	130	113	N.A.	N.A.
		11	4.1	136	144	130	113	N.A.	N.A.
		2009	4.56	123	130	124	113	N.A.	N.A.
		3005	5.125	109	116	113	110	N.A.	N.A.
	305/70 R 19.5	STD	4.3	134	142	128	112	N.A.	N.A.
		11	4.1	141	149	128	112	N.A.	N.A.
		2009	4.56	126	134	127	112	N.A.	N.A.
		3005	5.125	112	119	116	112	N.A.	N.A.
	11 R 22.5	3005	5.125	128	136	128	112	N.A.	N.A.
		16	5.63	117	123	119	112	N.A.	N.A.
		8	6.43	102	108	107	104	N.A.	N.A.
	<b>ML 150E25, /P, /FP ML 150E25R, R/P, R/FP 2895B.9 - 9 speed</b>	285/70 R 19.5	STD	3.42	129	137	130	118	N.A.
6030			3.21	137	146	134	118	N.A.	N.A.
2007			3.91	113	120	117	114	106	76
11			4.1	108	114	113	110	106	82
305/70 R 19.5		STD	3.42	133	141	133	117	N.A.	N.A.
		6030	3.21	142	150	133	117	N.A.	N.A.
		2007	3.91	116	123	120	117	104	66
		11	4.1	111	118	115	112	104	73
11 R 22.5		11	4.1	127	134	128	117	N.A.	N.A.
		2009	4.56	114	121	118	114	104	70
		3005	5.125	102	108	106	104	102	81
<b>150E25 K FS0 5206B - 6 speed</b>		11 R 22.5	3005	5.125	128	136	128	112	N.A.
	16		5.63	117	123	119	112	N.A.	N.A.
	8		6.43	102	108	107	104	N.A.	N.A.
<b>150E25 K 150E25 KR 2895B.9 - 9 speed</b>	11 R 22.5	11	4.1	127	134	128	117	N.A.	N.A.
		2009	4.56	114	121	118	114	104	70
		3005	5.125	102	108	106	104	102	81

## PERFORMANCE - 160E25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
ML 160E25, /P FS0 5206B - 6 speed	285/70 R 19.5	STD	4.3	130	138	129	111	N.A.	N.A.
		11	4.1	136	144	129	111	N.A.	N.A.
		2009	4.56	123	130	124	112	N.A.	N.A.
		3005	5.125	109	116	113	110	N.A.	N.A.
	305/70 R 19.5	STD	4.3	134	142	128	110	N.A.	N.A.
		11	4.1	141	149	128	110	N.A.	N.A.
		2009	4.56	126	134	127	110	N.A.	N.A.
		3005	5.125	112	119	116	110	N.A.	N.A.
	11 R 22.5	3005	5.125	128	136	127	110	N.A.	N.A.
		16	5.63	117	123	119	110	N.A.	N.A.
		8	6.43	102	108	107	104	N.A.	N.A.
	ML 160E25, /P ML 160E25R, R/P 2895B.9 - 9 speed	285/70 R 19.5	STD	3.42	129	137	130	116	N.A.
6030			3.21	137	146	133	116	N.A.	N.A.
2007			3.91	113	120	117	114	106	76
11			4.1	108	114	113	110	106	82
305/70 R 19.5		STD	3.42	133	141	132	115	N.A.	N.A.
		6030	3.21	142	150	132	115	N.A.	N.A.
		2007	3.91	116	123	120	115	104	66
		11	4.1	111	118	115	112	104	73
11 R 22.5		11	4.1	127	134	128	115	N.A.	N.A.
		2009	4.56	114	121	117	114	104	70
		3005	5.125	102	108	106	104	102	81
160E25 K FS0 5206B - 6 speed		11 R 22.5	3005	5.125	128	136	127	110	N.A.
	16		5.63	117	123	119	110	N.A.	N.A.
	8		6.43	102	108	107	104	N.A.	N.A.
160E25 K 160E25 KR 2895B.9 - 9 speed	11 R 22.5	11	4.1	127	134	128	115	N.A.	N.A.
		2009	4.56	114	121	117	114	104	70
		3005	5.125	102	108	106	104	102	81

## TYRES /AXLE RATIOS E28

### 150E../160E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E28	2895B.9	285/70 R 19.5	3.21	6029	3.07
		305/70 R 19.5		2005	3.42
				2007	3.91
		11 R 22.5		2007	3.91
			N.A.	11	4.1
			2009	4.56	

## PERFORMANCE - 150E28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2500 revs	2650 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 150E28, /P, /FP</b> <b>ML 150E28R, R/P, R/FP</b> <b>2895B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.21</b>	128	135	130	124	N.A.	N.A.
		<b>6029</b>	<b>3.07</b>	134	142	135	124	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	120	127	123	121	111	73
		<b>2007</b>	<b>3.91</b>	105	111	109	108	106	88
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.21</b>	132	139	133	123	N.A.	N.A.
		<b>6029</b>	<b>3.07</b>	138	146	138	122	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	124	131	126	123	N.A.	N.A.
		<b>2007</b>	<b>3.91</b>	108	115	112	110	108	82
	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	123	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	117	124	121	118	109	71
		<b>2009</b>	<b>4.56</b>	105	112	110	108	106	86
	<b>150E28 K</b> <b>150E28 KR</b> <b>2895B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	123	N.A.
<b>11</b>			<b>4.1</b>	117	124	121	118	109	71
<b>2009</b>			<b>4.56</b>	105	112	110	108	106	86

## PERFORMANCE - 160E28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2500 revs	2650 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
<b>ML 160E28, /P ML 160E28R, R/P 2895B.9 - 9 speed</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.21</b>	128	135	130	122	N.A.	N.A.
		<b>6029</b>	<b>3.07</b>	134	142	135	122	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	120	127	123	120	111	73
		<b>2007</b>	<b>3.91</b>	105	111	109	107	106	88
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.21</b>	132	139	133	121	N.A.	N.A.
		<b>6029</b>	<b>3.07</b>	138	146	137	121	N.A.	N.A.
		<b>2005</b>	<b>3.42</b>	124	131	126	121	N.A.	N.A.
		<b>2007</b>	<b>3.91</b>	108	115	112	110	108	82
	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	121	N.A.	N.A.
		<b>11</b>	<b>4.1</b>	117	124	121	118	109	71
		<b>2009</b>	<b>4.56</b>	105	112	110	108	106	86
	<b>160E28 K 160E28 KR 2895B.9 - 9 speed</b>	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	121	N.A.
<b>11</b>			<b>4.1</b>	117	124	121	118	109	71
<b>2009</b>			<b>4.56</b>	105	112	110	108	106	86



## TYRES /AXLE RATIOS E30

### 150E../160E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E30	FS 8309 A	285/70 R 19.5	3.07	6030	3.21
		305/70 R 19.5		2005	3.42
				2007	3.91
		11 R 22.5	N.A.	2007	3.91
				11	4.1
			2009	4.56	

## PERFORMANCE - 150E30

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2500 revs	2650 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
<b>ML 150E30, /P, /FP</b> <b>ML 150E30R, R/P, R/FP</b> <b>FS 8309 A</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	134	142	135	128	113	71
		<b>6030</b>	<b>3.21</b>	128	136	131	128	114	78
		<b>2005</b>	<b>3.42</b>	120	128	124	121	114	86
		<b>2007</b>	<b>3.91</b>	105	112	110	108	107	90
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	138	146	138	126	N.A.	N.A.
		<b>6030</b>	<b>3.21</b>	132	140	134	127	111	68
		<b>2005</b>	<b>3.42</b>	124	131	127	124	112	77
		<b>2007</b>	<b>3.91</b>	108	115	113	111	109	87
	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	124	112	78
		<b>11</b>	<b>4.1</b>	117	124	121	119	113	85
		<b>2009</b>	<b>4.56</b>	105	112	110	108	107	88
	<b>150E30 K</b> <b>150E30 KR</b> <b>FS 8309 A</b>	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	124	112
<b>11</b>			<b>4.1</b>	117	124	121	119	113	85
<b>2009</b>			<b>4.56</b>	105	112	110	108	107	88

## PERFORMANCE - 160E30

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2500 revs	2650 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
<b>ML 160E30, /P ML 160E30R, R/P FS 8309 A</b>	<b>285/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	134	142	135	126	113	71
		<b>6030</b>	<b>3.21</b>	128	136	130	126	114	78
		<b>2005</b>	<b>3.42</b>	120	128	124	121	114	86
		<b>2007</b>	<b>3.91</b>	105	112	109	108	107	90
	<b>305/70 R 19.5</b>	<b>STD</b>	<b>3.07</b>	138	146	138	124	N.A.	N.A.
		<b>6030</b>	<b>3.21</b>	132	140	133	125	111	68
		<b>2005</b>	<b>3.42</b>	124	131	127	124	112	77
		<b>2007</b>	<b>3.91</b>	108	115	112	111	109	87
	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	123	112	78
		<b>11</b>	<b>4.1</b>	117	124	121	119	113	85
		<b>2009</b>	<b>4.56</b>	105	112	110	108	107	88
	<b>160E30 K 160E30 KR FS 8309 A</b>	<b>11 R 22.5</b>	<b>2007</b>	<b>3.91</b>	123	130	126	123	112
<b>11</b>			<b>4.1</b>	117	124	121	119	113	85
<b>2009</b>			<b>4.56</b>	105	112	110	108	107	88



# CHAPTER K

## 180E../190EL.. : FDP E180 MLC , MLL



**Weight Configuration**

**K.2**

**Performance (Tyres / Axle Ratio)**

**K.3**

## WEIGHT CONFIGURATIONS FDP E180 180E../190EL.. - MLC / MLL

ML 180E..					ML 190EL..		
<b>G.V.W. [kg]</b>	<b>18000</b>	18000	18000	18000	<b>19000</b>	19000	19000
<b>Front axle [kg]</b>	<b>7100</b>	7500	7100	7500	<b>7100</b>	7500	7100
<b>Rear axle [kg]</b>	<b>11500</b>	11500	12000 (*)	12000 (*)	<b>13000 (*)</b>	13000 (*)	12600 (*)
<b>Options for model/weight configuration</b>	<b>CCP 6820 - Badging &amp; Frame Plating 180E..</b>				<b>CCP 6867 - Badging &amp; Frame Plating 190EL..</b>		
		CCP 7352 Loads 7500 -11500 Kg CCP 20086 315/70 R22.5	CCP 7498 Loads 7100 -12000 Kg (*)	CCP 7440 Loads 7500 -12000 Kg (*) CCP 20086 315/70 R22.5	CCP 7354 Loads 7100 -13000 Kg CCP 20086 315/70 R22.5	CCP 7355 Loads 7500 -13000 Kg CCP 20086 315/70 R22.5	CCP 7565 Loads 7100 -12600 Kg
<b>Standard tyres</b>	<b>CCP 20498 295/80 R22.5</b>	N.A.	<b>CCP 20498 295/80 R22.5</b>	N.A.	N.A.	N.A.	<b>CCP 20498 295/80 R22.5</b>
<b>Additional choice of tyres</b>	CCP 20232 295/80 R 22.5 CCP 20143 295/80 R 22.5 CCP 20110 305/70 R 22.5 CCP 20041 315/60 R 22.5 CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5 CCP 20842 12 R 22.5 CCP 20757 12 R 22.5	CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5	CCP 20232 295/80 R 22.5 CCP 20143 295/80 R 22.5 CCP 20110 305/70 R 22.5 CCP 20041 315/60 R 22.5 CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5 CCP 20842 12 R 22.5 CCP 20757 12 R 22.5	CCP 20232 295/80 R 22.5 CCP 20143 295/80 R 22.5 CCP 20110 305/70 R 22.5 CCP 20041 315/60 R 22.5 CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5 CCP 20842 12 R 22.5 CCP 20757 12 R 22.5	CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5	CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5	CCP 20232 295/80 R 22.5 CCP 20143 295/80 R 22.5 CCP 20110 305/70 R 22.5 CCP 20041 315/60 R 22.5 CCP 20086 315/70 R 22.5 CCP 20229 315/70 R 22.5 CCP 20790 315/80 R 22.5 CCP 20795 315/80 R 22.5 CCP 20231 315/80 R 22.5 CCP 20849 315/80 R 22.5

Standard VCB Execution

(\*) Rear Axle Technical Capacity Vehicle plating according to local legislation

**PERFORMANCE**  
**(TYRES / AXLE RATIOS)**

# PERFORMANCE

The choice of rear Axle Ratio depends on the real mission of the vehicle and therefore following pages will illustrate in detail, tyres and "recommended" rear axle ratio, model by model in Euro 4 EuroCargo range.

In particular for Towing versions, the choice of Rear Axle Ratio depends on the mission the vehicle is used for most of the amount of time (e.g. the vehicle is used as a solo version for 90% of time and as a towing version for the remaining 10% of time or vice versa). If the vehicle is used for towing missions for most of the time, a higher Rear Axle Ratio should be considered for achieving higher efficiency (e.g. lower fuel consumption), taking into account that the same vehicle, when used in solo condition, will not give the same efficient results.

A special effort has also been made to illustrate for each version - available tyres, rear axle ratios with performance data at: 2700 rpm (max. engine power), 2860 rpm (Opi system calculation) and current performance for E25 Engine Power; 2500 rpm (max. engine power), 2650 rpm (Opi system calculation) and current performance for E28 & E30 Engine Power.

In addition to theoretical truck speed at max. engine power reported in all data sheets, you will find enclosed calculated speeds taking into account the application of a box body. This data is provided for reference only since calculations are done on a "worst case hypothesis" basis.

Current performance is calculated for :

- \* Operation at full G.V.W. in fastest gear
- \* Operation at full G.C.W. in fastest gear
- \* Speed on Ground Level
- \* Speed on 1% Gradient (a small difference between 1 % gradient and ground level speed gives an indication of the ratio suitability both for motorway and hill/mountain roads operation, a significant difference will indicate a combination of tyres/axle ratio not suitable for hill/mountain operation).

## TYRES /AXLE RATIOS - 180E25/190EL25

### 180E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E25	FS0 5206B	<b>295/80 R 22.5</b>	<b>4.89</b>		
		305/70 R 22.5		2009	4.56
		315/60 R 22.5		16	5.63
		315/70 R 22.5		8	6.43
		315/80 R 22.5			
		12 R 22.5	N.A.	16	5.63
				8	6.43
	2895B.9	<b>295/80 R 22.5</b>	<b>3.91</b>	2006	3.73
		305/70 R 22.5		2008	4.3
		315/60 R 22.5		6020	4.89
315/70 R 22.5		16		5.63	
315/80 R 22.5					
	12 R 22.5	N.A.	6020	4.89	
			16	5.63	

### 190EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E25	FS0 5206B	<b>295/80 R 22.5</b>	<b>4.89</b>		
		305/70 R 22.5		2009	4.56
		315/60 R 22.5		16	5.63
		315/70 R 22.5		8	6.43
		315/80 R 22.5			
	2895B.9	<b>295/80 R 22.5</b>	<b>3.91</b>	2006	3.73
		305/70 R 22.5		2008	4.3
		315/60 R 22.5		6020	4.89
		315/70 R 22.5		16	5.63
315/80 R 22.5					



## PERFORMANCE - 180E25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]				
						Solo full G.V.W.		Towing full G.C.W.		
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient	
ML 180E25, /P FSO 5206B - 6 speed	295/80 R 22.5	STD	4.89	134	141	122	104	N.A.	N.A.	
		2009	4.56	144	152	122	97	N.A.	N.A.	
		16	5.63	116	123	117	104	N.A.	N.A.	
		8	6.43	102	108	105	102	N.A.	N.A.	
	315/60 R 22.5	STD	4.89	121	128	121	104	N.A.	N.A.	
		2009	4.56	130	137	122	104	N.A.	N.A.	
		16	5.63	105	111	108	104	N.A.	N.A.	
		8	6.43	92	97	96	94	N.A.	N.A.	
	315/70 R 22.5	STD	4.89	130	137	122	104	N.A.	N.A.	
		2009	4.56	139	148	122	101	N.A.	N.A.	
		16	5.63	113	120	115	104	N.A.	N.A.	
		8	6.43	99	105	103	100	N.A.	N.A.	
	315/80 R 22.5	STD	4.89	138	146	122	102	N.A.	N.A.	
		2009	4.56	148	157	122	94	N.A.	N.A.	
		16	5.63	120	127	120	104	N.A.	N.A.	
		8	6.43	105	111	108	104	N.A.	N.A.	
	305/70 R 22.5	STD	4.89	128	136	122	104	N.A.	N.A.	
		2009	4.56	137	145	122	102	N.A.	N.A.	
		16	5.63	111	118	113	104	N.A.	N.A.	
		8	6.43	97	103	102	99	N.A.	N.A.	
	12 R 22.5	16	5.63	120	128	121	109	N.A.	N.A.	
		8	6.43	105	111	104	104	N.A.	N.A.	
	180E25 K FSO 5206B - 6 speed	12 R 22.5	16	5.63	120	128	121	109	N.A.	N.A.
			8	6.43	105	111	104	104	N.A.	N.A.

## PERFORMANCE - 180E25

MODEL	Tyres Standard Options	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		CCP codes	Ratios	2700 revs	2860 revs	Solo full G.V.W.		Towing full G.C.W.	
						Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 180E25, /P ML 180E25R, R/P 2895B.9 - 9 speed	295/80 R 22.5	STD	3.91	132	140	126	109	N.A.	N.A.
		2006	3.73	138	147	126	109	N.A.	N.A.
		2008	4.3	120	127	121	109	N.A.	N.A.
		6020	4.89	106	112	110	106	104	81
		16	5.63	92	97	97	94	94	81
	315/60 R 22.5	STD	3.91	120	127	121	109	N.A.	N.A.
		2006	3.73	126	133	125	109	N.A.	N.A.
		2008	4.3	109	116	112	109	104	77
		6020	4.89	96	102	100	98	97	81
		16	5.63	83	88	88	86	86	81
	315/70 R 22.5	STD	3.91	129	136	126	109	N.A.	N.A.
		2006	3.73	135	143	127	109	N.A.	N.A.
		2008	4.3	117	124	119	109	105	69
		6020	4.89	103	109	107	104	103	82
		16	5.63	90	95	94	92	92	82
	315/80 R 22.5	STD	3.91	136	144	126	108	N.A.	N.A.
		2006	3.73	143	151	126	107	N.A.	N.A.
		2008	4.3	124	131	124	109	N.A.	N.A.
		6020	4.89	109	115	112	108	104	76
		16	5.63	94	100	99	97	96	81
	305/70 R 22.5	STD	3.91	126	134	126	109	N.A.	N.A.
		2006	3.73	132	140	126	109	N.A.	N.A.
		2008	4.3	115	121	117	109	104	69
		6020	4.89	101	107	105	102	101	81
		16	5.63	88	93	93	91	91	81
	12 R 22.5	6020	4.89	110	116	113	108	104	75
		16	5.63	96	101	100	97	97	81
	180E25 K, KR 2895B.9 - 9 speed	12 R 22.5	6020	4.89	110	116	113	108	104
16			5.63	96	101	100	97	97	81

## PERFORMANCE - 190EL25

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 190EL25, /P FSO 5206B - 6 speed	295/80 R 22.5	STD	4.89	134	141	121	102	N.A.	N.A.
		2009	4.56	144	152	121	94	N.A.	N.A.
		16	5.63	116	123	117	103	N.A.	N.A.
		8	6.43	102	108	105	102	N.A.	N.A.
	315/60 R 22.5	STD	4.89	121	128	121	102	N.A.	N.A.
		2009	4.56	130	137	121	102	N.A.	N.A.
		16	5.63	105	111	108	102	N.A.	N.A.
		8	6.43	92	97	96	94	N.A.	N.A.
	315/70 R 22.5	STD	4.89	130	137	122	103	N.A.	N.A.
		2009	4.56	139	148	122	98	N.A.	N.A.
		16	5.63	113	120	115	103	N.A.	N.A.
		8	6.43	99	105	103	99	N.A.	N.A.
	315/80 R 22.5	STD	4.89	138	146	121	98	N.A.	N.A.
		2009	4.56	148	157	121	90	N.A.	N.A.
		16	5.63	120	127	120	102	N.A.	N.A.
		8	6.43	105	111	108	102	N.A.	N.A.
	305/70 R 22.5	STD	4.89	128	136	121	102	N.A.	N.A.
		2009	4.56	137	145	121	99	N.A.	N.A.
		16	5.63	111	118	113	102	N.A.	N.A.
		8	6.43	97	103	101	98	N.A.	N.A.

## PERFORMANCE - 190EL24

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2700 revs	2860 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 190EL25, /P ML 190EL25R, R/P 2895B.9 - 9 speed	295/80 R 22.5	STD	3.91	132	140	126	107	N.A.	N.A.
		2006	3.73	138	147	125	107	N.A.	N.A.
		2008	4.3	120	127	121	107	N.A.	N.A.
		6020	4.89	106	112	109	106	104	81
		16	5.63	92	97	96	94	94	81
	315/60 R 22.5	STD	3.91	120	127	121	107	N.A.	N.A.
		2006	3.73	126	133	125	107	N.A.	N.A.
		2008	4.3	109	116	112	107	104	77
		6020	4.89	96	102	100	97	97	81
		16	5.63	83	88	88	86	86	81
	315/70 R 22.5	STD	3.91	129	136	126	107	N.A.	N.A.
		2006	3.73	135	143	126	107	N.A.	N.A.
		2008	4.3	117	124	119	107	105	69
		6020	4.89	103	109	107	103	103	82
		16	5.63	90	95	94	92	92	82
	315/80 R 22.5	STD	3.91	136	144	125	107	N.A.	N.A.
		2006	3.73	143	151	125	104	N.A.	N.A.
		2008	4.3	124	131	124	107	N.A.	N.A.
		6020	4.89	109	115	112	107	104	76
		16	5.63	94	100	99	96	96	81
305/70 R 22.5	STD	3.91	126	134	125	107	N.A.	N.A.	
	2006	3.73	132	140	126	107	N.A.	N.A.	
	2008	4.3	115	121	117	107	104	69	
	6020	4.89	101	107	105	102	101	81	
	16	5.63	88	93	93	91	91	81	

## TYRES /AXLE RATIOS - 180E28/190EL28

### 180E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E28	2895B.9	295/80 R 22.5	3.42		
		305/70 R 22.5		2007	3.91
		315/60 R 22.5		2009	4.56
		315/70 R 22.5		16	5.63
		315/80 R 22.5			
		12 R 22.5	N.A.	2007	3.91
			2009	4.56	
			16	5.63	

### 190EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E28	2895B.9	295/80 R 22.5	3.42		
		305/70 R 22.5		2007	3.91
		315/60 R 22.5		2009	4.56
		315/70 R 22.5		16	5.63
		315/80 R 22.5			

## PERFORMANCE - 180E28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2500 revs	2650 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 180E28, /P ML 180E28R, R/P 2895B.9 - 9 speed	295/80 R 22.5	STD	3.42	140	148	131	114	N.A.	N.A.
		2007	3.91	122	130	124	114	N.A.	N.A.
		2009	4.56	105	111	109	106	106	87
		16	5.63	85	90	89	88	88	85
	315/60 R 22.5	STD	3.42	126	134	127	114	N.A.	N.A.
		2007	3.91	110	117	114	111	109	79
		2009	4.56	95	100	99	97	97	86
		16	5.63	77	81	81	80	80	78
	315/70 R 22.5	STD	3.42	136	144	132	115	N.A.	N.A.
		2007	3.91	119	126	121	115	109	71
		2009	4.56	102	108	106	104	103	87
		16	5.63	83	88	87	86	86	83
	315/80 R 22.5	STD	3.42	144	153	131	110	N.A.	N.A.
		2007	3.91	126	134	127	114	N.A.	N.A.
		2009	4.56	108	114	112	109	108	82
		16	5.63	87	93	92	91	90	86
	305/70 R 22.5	STD	3.42	134	142	131	114	N.A.	N.A.
		2007	3.91	117	124	120	114	109	72
		2009	4.56	101	107	104	102	102	86
		16	5.63	81	86	86	85	84	82
	12 R 22.5	2007	3.91	127	134	128	114	N.A.	N.A.
		2009	4.56	109	115	112	110	109	80
		16	5.63	88	93	93	91	91	86
	180E28 K, KR 2895B.9 - 9 speed	12 R 22.5	2007	3.91	127	134	128	114	N.A.
2009			4.56	109	115	112	110	109	80
16			5.63	88	93	93	91	91	86

# PERFORMANCE - 190EL28

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
						Solo full G.V.W.		Towing full G.C.W.	
	Standard Options	CCP codes	Ratios	2500 revs	2650 revs	Level Ground	1 % Gradient	Level Ground	1 % Gradient
ML 190EL28, /P ML 190EL28R, R/P 2895B.9 - 9 speed	295/80 R 22.5	STD	3.42	140	148	131	110	N.A.	N.A.
		2007	3.91	122	130	124	113	N.A.	N.A.
		2009	4.56	105	111	109	106	106	87
		16	5.63	85	90	89	88	88	85
	315/60 R 22.5	STD	3.42	126	134	127	113	N.A.	N.A.
		2007	3.91	110	117	114	111	109	79
		2009	4.56	95	100	99	97	97	86
		16	5.63	77	81	81	80	80	78
	315/70 R 22.5	STD	3.42	136	144	131	113	N.A.	N.A.
		2007	3.91	119	126	121	113	109	71
		2009	4.56	102	108	106	104	103	87
		16	5.63	83	88	87	86	86	83
	315/80 R 22.5	STD	3.42	144	153	130	107	N.A.	N.A.
		2007	3.91	126	134	127	113	N.A.	N.A.
		2009	4.56	108	114	112	109	108	82
		16	5.63	87	93	92	90	90	86
	305/70 R 22.5	STD	3.42	134	142	131	113	N.A.	N.A.
		2007	3.91	117	124	120	113	109	72
		2009	4.56	101	107	104	102	102	86
		16	5.63	81	86	86	85	84	82

## TYRES /AXLE RATIOS - 180E30/190EL30

### 180E..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E30	FS 8309 A	295/80 R 22.5	3.42		
		305/70 R 22.5		6029	3.07
		315/60 R 22.5		2007	3.91
		315/70 R 22.5		2009	4.56
		315/80 R 22.5			
		12 R 22.5	N.A.	2007	3.91
			2009	4.56	
			16	5.63	

### 190EL..

ENGINE	GEARBOX	TYRES	AXLE RATIOS		
			STANDARD	OPTIONAL	
				CCP	RATIOS
E30	FS 8309 A	295/80 R 22.5	3.42		
		305/70 R 22.5		6029	3.07
		315/60 R 22.5		2007	3.91
		315/70 R 22.5		2009	4.56
		315/80 R 22.5			



## PERFORMANCE - 180E30

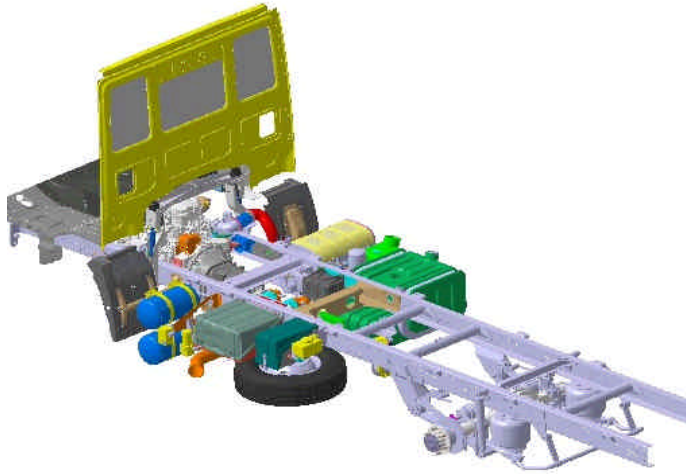
MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2500 revs	2650 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
ML 180E30, /P ML 180E30R, R/P FS 8309 A - 9 Speed	295/80 R 22.5	STD	3.42	140	148	135	116	N.A.	N.A.
		6029	3.07	156	165	133	113	N.A.	N.A.
		2007	3.91	122	130	125	118	112	79
		2009	4.56	105	111	109	107	106	88
	315/60 R 22.5	STD	3.42	126	134	128	118	111	74
		6029	3.07	140	149	135	116	N.A.	N.A.
		2007	3.91	110	117	114	112	111	87
		2009	4.56	95	100	99	98	98	90
	315/70 R 22.5	STD	3.42	136	144	135	117	N.A.	N.A.
		6029	3.07	152	161	135	115	N.A.	N.A.
		2007	3.91	119	126	122	119	113	84
		2009	4.56	102	108	106	104	104	90
	315/80 R 22.5	STD	3.42	144	153	135	115	N.A.	N.A.
		6029	3.07	160	170	132	109	N.A.	N.A.
		2007	3.91	126	134	128	118	111	74
		2009	4.56	108	114	112	110	109	87
	305/70 R 22.5	STD	3.42	134	142	134	117	N.A.	N.A.
		6029	3.07	149	158	134	114	N.A.	N.A.
		2007	3.91	117	124	120	117	112	85
		2009	4.56	101	107	105	103	102	89
	12 R 22.5	2007	3.91	127	134	128	118	111	73
		2009	4.56	109	115	113	110	109	87
		16	5.63	88	93	93	91	91	88
	180E30 K, KR FS 8309 A - 9 Speed	12 R 22.5	2007	3.91	127	134	128	118	111
2009			4.56	109	115	113	110	109	87
16			5.63	88	93	93	91	91	88

## PERFORMANCE - 190EL30

MODEL	Tyres	Axle Ratio		Theoretical Speed [km/h]		Performance with Box [km/h]			
		Standard	CCP codes	Ratios	2500 revs	2650 revs	Solo full G.V.W.		Towing full G.C.W.
	Options	Level Ground					1 % Gradient	Level Ground	1 % Gradient
ML 190EL30, /P ML 190EL30R, R/P FS 8309 A - 9 Speed	295/80 R 22.5	STD	3.42	140	148	134	114	N.A.	N.A.
		6029	3.07	156	165	133	109	N.A.	N.A.
		2007	3.91	122	130	124	117	112	79
		2009	4.56	105	111	109	107	106	88
	315/60 R 22.5	STD	3.42	126	134	128	116	111	74
		6029	3.07	140	149	134	114	N.A.	N.A.
		2007	3.91	110	117	114	112	111	87
		2009	4.56	95	100	99	98	98	90
	315/70 R 22.5	STD	3.42	136	144	135	115	N.A.	N.A.
		6029	3.07	152	161	134	113	N.A.	N.A.
		2007	3.91	119	126	122	117	113	84
		2009	4.56	102	108	106	104	104	90
	315/80 R 22.5	STD	3.42	144	153	134	113	N.A.	N.A.
		6029	3.07	160	170	132	106	N.A.	N.A.
		2007	3.91	126	134	128	116	111	74
		2009	4.56	108	114	112	109	109	87
	305/70 R 22.5	STD	3.42	134	142	134	115	N.A.	N.A.
		6029	3.07	149	158	134	113	N.A.	N.A.
		2007	3.91	117	124	120	117	112	85
		2009	4.56	101	107	105	103	102	89



## CHAPTER R - OPTION AVAILABILITY & RULES



<b>R.1 Range Structure in PRP</b>	<b>R.2</b>
<b>FdP</b>	<b>R.3</b>
<b>FCP</b>	<b>R.4</b>
<b>FGC</b>	<b>R.5</b>
<b>FCS</b>	<b>R.7</b>
<b>R.2 Option availability</b>	<b>R.8</b>
<b>R.3 Rules</b>	<b>R.34</b>

## CHAPTER R.1 - RANGE STRUCTURE IN PRP

**RANGE:** Group of vehicles with the same technical and commercial characteristics

**FdP:** (Family Design Program): Group of vehicles belonging to the same range with the same common characteristics

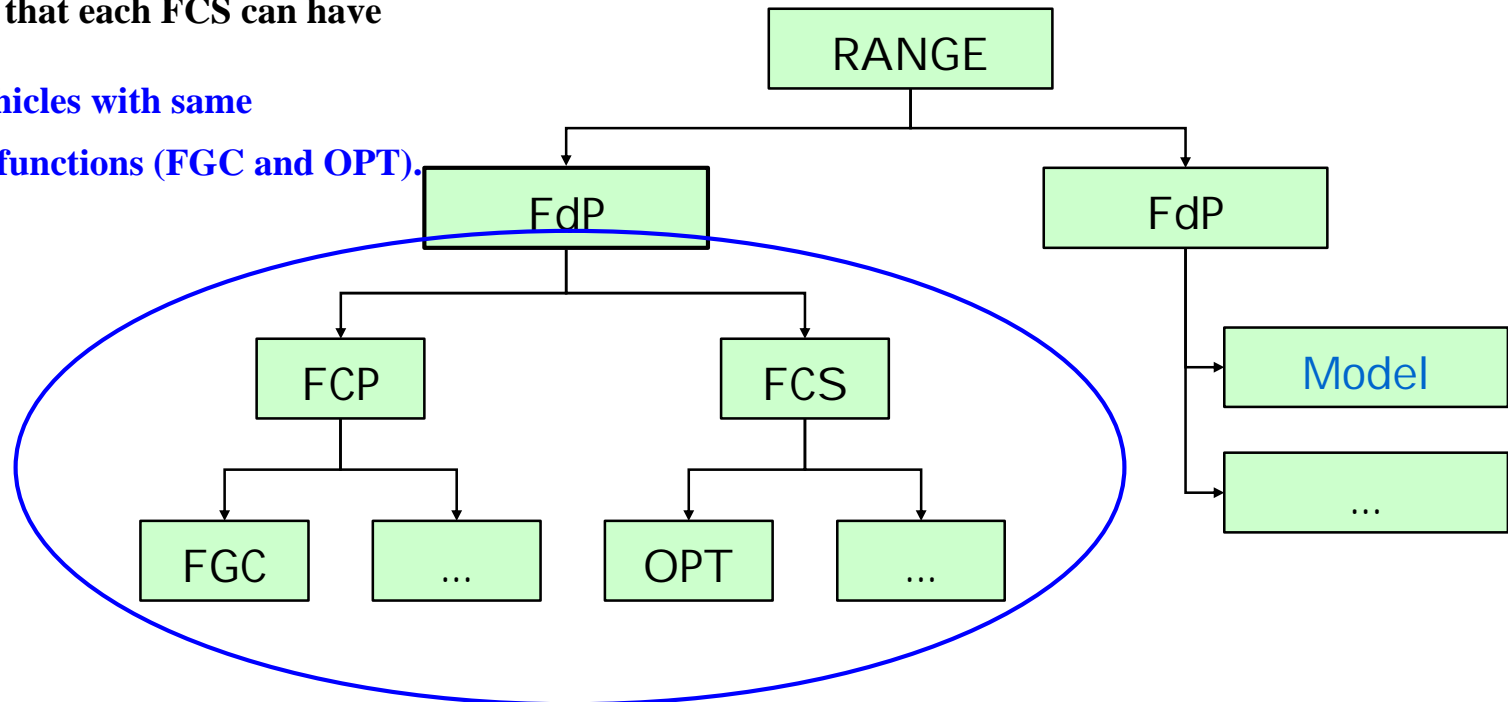
**FCP:** (Principal Commercial Functions): The FCPs define the “old” VCB

**FGC:** (Commercial Family Groups): Values that each FCP can have

**FCS:** (Secondary Commercial Functions): The FCS values define the “old” VM and VP

**OPT:** The values that each FCS can have

**MODEL:** Group of vehicles with same commercial functions (FGC and OPT).



## FDP

FDP	MODELS
<b>E75</b>	ML60E..
	ML65E..
	ML75E..
	ML80EL..
<b>E100</b>	ML80E..
	ML90E..
	ML100E..
<b>E120</b>	ML110EL..
	ML120EL..

FDP	MODELS
<b>E140</b>	ML120E..
	ML130E..
	ML140E..
<b>E160</b>	ML150E..
	ML160E..
<b>E180</b>	ML180E..
	ML190EL..

<b>FCP</b>
------------

<b>FCP</b>	<b>DESCRIPTION</b>
<b>CA</b>	Axle Configuration
<b>CT</b>	Cab Type
<b>DR</b>	Drive
<b>EP</b>	Engine Power
<b>GT</b>	Gearbox Type
<b>MT</b>	Gross Vehicle Weight
<b>RT</b>	Rear axle type
<b>SU</b>	Suspension Type
<b>TF</b>	Brakes type
<b>US</b>	Application
<b>VE</b>	Version
<b>WB</b>	Wheelbase

The value that each FCP can have are called FGC

Example:

for FCP WB (Wheelbase) the FGC will be 3.105 mm, 3.690 mm, ecc..

FGC
-----

FCP	FCP DESCRIPTION	FGC	FGC DESCRIPTION	E75	E100	E120	E140	E160	E180
CA	Axle Configuration	4X2	4X2	X	X	X	X	X	X
CT	Cab Type	MLC	Short Cab	X	X	X	X	X	X
		MLL	Long Cab	X	X	X	X	X	X
		MLD	Crew Cab		X	X	X		
DR	Drive	DX	Right hand drive	X	X	X	X	X	X
		SX	Left hand drive	X	X	X	X	X	X
EP	Engine Power	140 E4	140 E4	X			X		
		160 E4	160 E4	X					
		180 E4	180 E4	X	X	X	X	X	
		220 E4	220 E4		X	X	X	X	
		250 E4	250 E4				X	X	X
		280 E4	280 E4				X	X	X
		300 E4	300 E4					X	X
GT	Gearbox Type	5M	5 Speeds	X					
		6M	6 speeds	X	X	X	X	X	X
		9M	9 speeds		X	X	X	X	X
		AUTOMATIC	Automatic Gerbox				X	X	X
MT	Gross Vehicle Weight	6,0 - 8,0	6,0 - 8,0 Tons	X			X		
		7,5 - 10	7,5 - 10 Tons		X				
		11 - 12	11 - 12 Tons			X			
		12 - 14	12 - 14 Tons				X		
		15 - 16	15 - 16 Tons					X	
		18 - 19	18 - 19 Tons						X
RT	Rear Axle type	SR	Single Reduction	X	X	X	X	X	X

FGC
-----

FCP	FCP DESCRIPTION	FGC	FGC DESCRIPTION	E75	E100	E120	E140	E160	E180
SU	Suspension Type	MEC	Steel front and rear suspensions	X	X	X	X	X	X
		P	Rear air suspensions	X	X	X	X	X	X
		FP	Full air suspensions		X		X	X	
TF	Brakes type	D/D	Disc / Disc	X	X	X	X	X	X
US	Application	STD	Standard	X	X	X	X	X	X
VE	Version	CAB-MK1	Short / Long Cab Restyling	X	X	X	X	X	X
		6+1-MK1	Crew Cab Restyling		X	X	X		
		RSW-MK1	Road sweeper					X	
WB	Wheelbase	3105	3105	X	X	X	X	X	
		3330	3330	X	X	X			
		3690	3690	X	X	X	X	X	X
		4185	4185	X	X	X	X	X	X
		4455	4455	X	X	X	X	X	
		4590	4590						X
		4815	4815	X	X	X	X	X	X
		5175	5175				X	X	X
		5670	5670				X	X	X
		6210	6210						X
6570	6570				X	X	X		



FCS
-----

FCS	DESCRIPTION	FCS	DESCRIPTION	FCS	DESCRIPTION
D0000	REAR AXLE RATIOS	J8400	POWER WINDOW CONTROL	MPN00	BATTERIES
D0600	SINGLE - TWINED TYPE	J8600	CAB REAR WINDOWS	MQN00	MAIN BATTERY SWITCH
D1000	TRANSV. DIFF. LOCK.	J8800	DOOR LOCKING	MRN00	VOLTAGE DROPPER
D1500	REAR. DIFF. LOCK.	JAA00	AERODYNAMNIC PARTS	NAB00	FOG LIGHTS
D2000	FRONT DIFF. LOCKING	JAN00	ADDIT. CAB HEATER	NBA00	HEADLIGHT WIPERS
D7000	RIMS AND WHEELS	JBC00	POLLEN FILTER	NCA00	DAYTIME LIGHTS
E0000	GEARBOX	JBN00	HEATING & CONDITION.	NEA00	ROOF EOTATING LIGHTS
E1000	SIDE GEARBOX PTOs	JCA00	CAB TILTING	P0000	REAR CROSS MEMBER
E1500	REAR GEARBOX PTOs	JDN00	REFRIGERATOR	P0100	BALL COUPLING
E1600	ENGINE PTOs	JEE00	ANTITHEFT DEVICE	P0500	REAR TOW HOOKS
F0000	TRANSFER BOX	JEN00	RADIO	P0600	TOW HOOK BRANDS
G0000	ENGINE RPM	JER20	PTO CONTROL PROVIS,	P1500	DRAWBAR EQUIPMENT
G1000	SPEED LIMITERS	JFM00	INSTRUMENT CLUSTER	PAA00	FRONT BUMPER
G2000	ALTERNATOR	JFM10	CLUSTER SCALES	PAN00	REAR UNDER-RUN BAR
G2200	AIR COMPRESSORS	JFN00	TACHOs & SPEEDOs	PAN10	FRONT UNDER-RUN BAR
H0000	AXLE LOAD ADAPTATION	JKC00	CRUISE CONTROL	PCR00	SPRAY SUPPRESSION
H0600	SUSPENSION HANDLING	JKG00	TOLL PROVISION	PEN00	HEADLIGHT PROTECTION
H2500	FRONT/REAR SPRINGS	JLA10	REVERSE BUZZER	PFA00	RADIATOR GRILLE
H7000	GVW ADAPTATIONS	L1000	DOUBLE STEERING	PNA00	WHEEL CHOCKS
I0000	TYRES	LAA00	ENGINE EXHAUST	PNB00	DRIVER HANBOOKS
I0500	SPARE WHEEL	LAL00	AIR INTAKE	PNE00	JACK
J0000	CAB TYPE	LAP00	AIR FILTER TYPE	PNH00	TOOL BOX
J0400	CAB TRIM	LNA00	FUEL TANKs	PNJ00	WARNING TRIANGLE
J0500	MIRROR ARMS	LNP00	UREA TANK	PNP00	FIRE EXTINGUISHER
J0700	MIRRORS COMPLIANCE	LNP10	HEATING UREA TANK	PNS00	EMERG FLASHING LIGHT
J1000	HEATED MIRRORS	LQA00	FUEL PREFILTER	PNY00	FIRST AID KIT
J1500	CAB ADAPTATION	M0000	ABS	PPA00	SPARE WHEEL CARRIER
J2000	SEAT BELTS	M1000	RETARDER	Q1500	SPECIAL SETUPS
J2900	HEAD REST	M1500	EXHAUST BRAKE	Q1510	ADR EQUIPMENT
J3000	DRIVER SEAT	MAC00	BRAKING EQUIPMENT	Q2300	TAILIFT CHASSIS PROV
J3500	PASSENGER SEAT	MEA00	FRONT AIR COUPLING	QAA00	COUNTRY ADAPTATION
J4500	CENTRAL LAYOUT	MFA00	AIR DRIER	QAN00	CLIMATE ADJUSTMENTS
J5100	SEAT LAYOUT	MGB00	AIR TANK MATERIAL	QBA00	MODEL BRANDING
J5600	BUNKS LAYOUT	MGD00	AIR TANK LABELS	QBB00	MOD. BADGING PLATING
J7000	SUN VISOR	MND00	EXPANSION MODULE	QBC00	CIRCULATION RULE
J7500	ROOF HATCH	MNE00	TAILIFT PROVISION	QBE00	EMISSIONS LEVELS
J8000	WINDSCREEN	MNF00	PROV ECAS CONTROL	QDA00	SOUNDPROOFING
J8100	GLASS TYPE	MPC00	TRAILER CONNECTORS	QDM00	CAB SPECIAL PAINTING
J8300	DOOR CURTAINS	MPD00	TRAILER PLUGS	QDN00	SPECIAL CAB PAINTS

## **CHAPTER R2 - OPTION AVAILABILITY**

**P**      **PRESENT / AVAILABLE**

**D**      **DEFAULT / STANDARD**

**E**      **EXCLUDED / NOT ALLOWED**

FCS	OPT	SHORT DESCRIPTION	FgC				E75	E100	E120	E140	E160	E180
D0000	7	6,14 REAR AXLE RATIO							P		P	
D0000	7		GT 9M								E	
D0000	7		EP 280 E4						E			
D0000	8	6,43 REAR AXLE RATIO								P	P	
D0000	8		GT 6M	GT 9M	VE ROAD-SW					D		
D0000	8		GT 9M								E	
D0000	8		EP 250 E4	EP 280 E4	EP 300 E4	GT 9M					E	
D0000	9	6,83 REAR AXLE RATIO							P			
D0000	9		EP 280 E4						E			
D0000	11	4,1 REAR AXLE RATIO					P	P		P	P	
D0000	11		EP 180 E4	GT 6M			D					
D0000	11		EP 220 E4				D	D				
D0000	11		GT AUTOMAT							E	E	
D0000	11		EP 250 E4	GT 6M							E	
D0000	16	5,63 REAR AXLE RATIO								P	P	
D0000	16		EP 250 E4	GT AUTOMAT							D	
D0000	16		EP 250 E4	EP 280 E4	EP 300 E4	GT 9M					E	
D0000	2001	2,93 REAR AXLE RATIO							P			
D0000	2001		EP 180 E4	EP 220 E4	EP 250 E4				E			
D0000	2005	3,42 REAR AXLE RATIO							P	P	P	
D0000	2005		EP 250 E4	GT 9M					D	D		
D0000	2005		EP 280 E4	EP 300 E4	GT 9M						D	
D0000	2005		GT AUTOMAT						E	E		
D0000	2005		GT 6M	GT AUTOMAT							E	
D0000	2005		EP 250 E4	GT 6M					E			
D0000	2005		GT 6M							E		
D0000	2005		EP 180 E4	GT 9M						E		
D0000	2005		VE ROAD-SW							E		
D0000	2006	3,73 REAR AXLE RATIO					P	P	P	P	P	
D0000	2006		EP 180 E4	EP 220 E4	GT 6M	GT 9M			D			
D0000	2006		GT AUTOMAT							E	E	
D0000	2006		VE ROAD-SW							E		
D0000	2006		EP 250 E4	GT 6M						E	E	
D0000	2007	3,91 REAR AXLE RATIO					P			P	P	

FCS	OPT	SHORT DESCRIPTION	FgC				E75	E100	E120	E140	E160	E180
D0000	2007		EP 250 E4	GT 9M							D	
D0000	2007		EP 180 E4	EP 220 E4	GT 6M	GT 9M	VE CABINAT			D		
D0000	2007		GT AUTOMAT								E	E
D0000	2007		EP 250 E4	GT 6M						E	E	
D0000	2008	4,3 REAR AXLE RATIO						P	P	P	P	
D0000	2008		EP 250 E4	GT 6M						D		
D0000	2008		EP 220 E4	EP 250 E4	EP 280 E4	GT AUTOMAT				D		
D0000	2008		EP 140 E4	GT 6M				D				
D0000	2008		EP 250 E4	EP 280 E4	GT AUTOMAT						E	
D0000	2009	4,56 REAR AXLE RATIO						P	P	P	P	
D0000	2009		EP 300 E4	GT AUTOMAT							D	
D0000	2009		GT 6M	GT 9M							E	
D0000	2010	4,88 REAR AXLE RATIO						P	P	P		
D0000	2010		EP 180 E4	EP 220 E4	GT AUTOMAT				D			
D0000	2010		GT 6M	GT 9M					E			
D0000	2010		EP 220 E4	GT 6M	GT 9M			E				
D0000	2021	4,111 AXLE RATIO							P			
D0000	2021		EP 250 E4	GT 6M	GT AUTOMAT				D			
D0000	3005	5,125 AXLE RATIO						P		P		
D0000	3005		EP 280 E4	EP 300 E4	GT 9M					E		
D0000	4816	4,33 REAR AXLE RATIO							P			
D0000	6006	3,15 REAR AXLE RATIO						P				
D0000	6006		GT 6M					E				
D0000	6007	3,31 REAR AXLE RATIO						P	P			
D0000	6007		EP 180 E4	GT 6M	GT 9M				D			
D0000	6007		GT 6M					E				
D0000	6008	3,38 REAR AXLE RATIO							P			
D0000	6008		EP 180 E4	GT 6M					E			
D0000	6015	3,58 REAR AXLE RATIO						P				
D0000	6015		EP 160 E4	EP 180 E4	GT 6M			D				
D0000	6020	4,89 REAR AXLE RATIO									P	
D0000	6020		EP 250 E4	GT 6M							D	
D0000	6020		EP 280 E4	GT AUTOMAT							D	
D0000	6025	5,57 REAR AXLE RATIO						P	P	P		

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
D0000	6025		GT 9M		E				
D0000	6025		GT 5M	E					
D0000	6025		EP 280 E4				E		
D0000	6025		EP 220 E4 GT 6M		E				
D0000	6029	3,07 REAR AXLE RATIO			P	P	P	P	P
D0000	6029		EP 280 E4				D		
D0000	6029		EP 300 E4 GT 9M					D	
D0000	6029		EP 220 E4 GT 6M GT 9M		D	D			
D0000	6029		GT AUTOMAT						E
D0000	6029		GT 6M GT AUTOMAT				E	E	
D0000	6029		EP 180 E4			E			
D0000	6029		EP 180 E4 EP 220 E4 GT 9M					E	
D0000	6029		VE ROAD-SW					E	
D0000	6029		EP 250 E4						E
D0000	6030	3,21 REAR AXLE RATIO			P			P	
D0000	6030		EP 280 E4 GT 9M					D	
D0000	6030		EP 180 E4 GT 9M		D				
D0000	6030		GT 6M GT AUTOMAT					E	
D0000	6030		EP 180 E4 GT 6M		E				
D0000	6030		EP 180 E4 GT 220 E4 GT 9M					E	
D0000	6030		VE ROAD-SW					E	
D1000	131	CROSS AXLE DIFF LOCK		P	P	P	P	P	P
D1000	137	WITHOUT DIFF. LOCK		P	P	P	P	P	P
D1000	137			D	D	D	D	D	D
D7000	2307	STEEL WHEELS		P	P	P	P	P	P
D7000	2307			D	D	D	D	D	D
E0000	8292	ALLISON 3000 GEARBOX					P	P	P
E0000	8292		EP 220 E4 EP 250 E4 GT AUTOMAT				D		
E0000	8292		GT AUTOMAT					D	D
E0000	8292		GT 6M GT 9M				E	E	E
E0000	8292		EP 180 E4 EP 280 E4				E		
E0000	8292		EP 180 E4 EP 300 E4					E	
E0000	8292		CT MLD				E		

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
E0000	8807	2855B.6 (OD) GEARBOX		P	P				
E0000	8807		EP 180 E4 GT 6M		D				
E0000	8807		GT 6M	D					
E0000	8807		EP 220 E4		E				
E0000	8807		GT 9M		E				
E0000	8808	2865B.6 GEARBOX			P	P	P	P	
E0000	8808		EP 220 E4 GT 6M		D				
E0000	8808		GT 6M			D			
E0000	8808		EP 180 E4 EP 220 E4 GT 6M				D	D	
E0000	8808		EP 180 E4		E				
E0000	8808		GT 9M GT AUTOMAT				E	E	
E0000	8808		EP 250 E4 EP 280 E4				E		
E0000	8808		EP 250 E4 EP 280 E4 EP 300 E4					E	
E0000	8809	2870B.9 GEARBOX			P	P	P	P	
E0000	8809		GT 9M		D	D			
E0000	8809		EP 180 E4 EP 220 E4 GT 9M				D	D	
E0000	8809		GT 6M GT AUTOMAT		E	E	E	E	
E0000	8809		EP 250 E4 EP 280 E4				E		
E0000	8809		EP 250 E4 EP 280 E4 EP 300 E4					E	
E0000	8810	2895B.9 GEARBOX					P	P	P
E0000	8810		EP 250 E4 EP 280 E4 GT 9M				D	D	D
E0000	8810		GT 6M GT AUTOMAT				E	E	E
E0000	8810		EP 180 E4 EP 220 E4				E		
E0000	8810		VE ROAD-SW					E	
E0000	8810		EP 180 E4 EP 220 E4 EP 300 E4					E	
E0000	8810		EP 300 E4						E
E0000	8816	FSO5206B EATON GEARBOX					P	P	P
E0000	8816		EP 250 E4 GT 6M				D	D	D
E0000	8816		GT 9M GT AUTOMAT				E	E	E
E0000	8816		EP 180 E4 EP 220 E4 EP 280 E4				E		
E0000	8816		EP 180 E4 EP 220 E4 EP 280 E4 EP 300 E4					E	
E0000	8817	FS8309A EATON GEARBOX						P	P
E0000	8817		EP 300 E4 GT 9M					D	D
E0000	8817		GT 6M GT AUTOMAT					E	E

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
E0000	8817		EP 180 E4 EP 220 E4 EP 250 E4 EP 280 E4					E	
E0000	8817		EP 250 E4 EP 280 E4						E
E1000	5439	WITHOUT GBOX SIDE PTO		P	P	P	P	P	P
E1000	5439			D	D	D	D	D	D
E1000	6392	SIDE PTO SLOW PUMP		P	P	P	P	P	P
E1000	6392		EP 250 E4 GT 6M				E	E	E
E1000	6392		EP 300 E4 GT 9M					E	E
E1000	6393	SIDE PTO FAST PUMP		P	P	P	P	P	P
E1000	6393		GT AUTOMAT				E	E	E
E1000	6393		EP 250 E4 GT 6M				E	E	E
E1000	6393		EP 300 E4 GT 9M					E	E
E1500	5194	NO REAR GEARBOX PTO		P	P	P	P	P	P
E1500	5194			D	D	D	D	D	D
E1500	6384	REAR PTO PUMP		P	P	P	P	P	P
E1500	6384		GT AUTOMAT				E	E	E
E1600	2395	MULTIPOWER PTO						P	P
E1600	2395		GT AUTOMAT					E	E
E1600	2395		EP 180 E4 EP 220 E4 EP 250 E4					E	
E1600	2395		EP 250 E4						E
E1600	6368	NO MULTIPOWER PTO					P	P	P
E1600	6368						D	D	D
G0000	7958	ENG SPEED 2500(2650)					P	P	P
G0000	7958		EP 280 E4				D		
G0000	7958		EP 280 E4 EP 300 E4					D	D
G0000	7958		EP 180 E4 EP 220 E4 EP 250 E4				E	E	
G0000	7958		EP 250 E4						E
G0000	7974	ENG SPEED 2700(2860)		P	P	P	P	P	P
G0000	7974			D	D	D			
G0000	7974		EP 180 E4 EP 220 E4 EP 250 E4				D	D	
G0000	7974		EP 250 E4						D
G0000	7974		EP 280 E4				E		
G0000	7974		EP 280 E4 EP 300 E4					E	E
G1000	353	120KM/H SPD LIMITER		P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
G1000	6351	130KM/H SPD LIMITER		P	P	P	P	P	P
G1000	6353	125KM/H SPD LIMITER		P	P	P	P	P	P
G1000	6354	70KM/H SPEED LIMITER		P	P	P	P	P	P
G1000	6356	90KM/H SPEED LIMITER		P	P	P	P	P	P
G1000	6356			D	D	D	D	D	D
G1000	6357	95KM/H SPEED LIMITER		P	P	P	P	P	P
G1000	6358	100KM/H SPD LIMITER		P	P	P	P	P	P
G1000	6359	110KM/H SPD LIMITER		P	P	P	P	P	P
G2000	6314	70A ALTERNATOR		P	P	P	P	P	P
G2000	6314		GT 6M GT 9M		D	D	D	D	D
G2000	6314		GT 6M	D					
G2000	6314		GT AUTOMAT				E	E	E
G2000	6315	90A ALTERNATOR		P	P	P	P	P	P
G2000	6315		GT AUTOMAT	D	D	D	D	D	D
G2200	6318	225CC AIR COMPRESSOR		P	P	P	P	P	P
G2200	6318		SU MEC SU P				D	D	
G2200	6318		GT 6M GT 9M		D	D	D		D
G2200	6318		GT 6M	D					
G2200	6318		SU FP				E	E	
G2200	6318		GT AUTOMAT				E	E	E
G2200	6319	360CC AIR COMPRESSOR		P	P	P	P	P	P
G2200	6319		SU FP				D	D	
G2200	6319		GT AUTOMAT				D	D	D
G2200	6319		EP 140 E4	E					
H0000	4782	LOADS 4800-10000					P		
H0000	4782		VE 6+1				D		
H0000	4782		VE CABINAT				E		
H0000	4787	LOADS 3400-6300			P				
H0000	4788	LOADS 3600-6800			P				
H0000	4788				D				
H0000	4793	LOADS 4550-8500				P	P		
H0000	4793		VE 6+1				E		
H0000	4794	LOADS 4200-7900				P			



FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
H0000	7351	LOADS 7100-11500							P
H0000	7351								D
H0000	7352	LOADS 7500-11500							P
H0000	7354	LOADS 7100-13000							P
H0000	7355	LOADS 7500-13000							P
H0000	7402	LOADS 5800-10900						P	
H0000	7402		SU MEC SU P					D	
H0000	7402		SU FP					E	
H0000	7403	LOADS 6100-11000						P	
H0000	7403		SU FP					E	
H0000	7422	LOADS 2900-4000		P					
H0000	7422		EP 180 E4	E					
H0000	7426	LOADS 3400-5800			P				
H0000	7429	LOADS 4600-8500				P			
H0000	7433	LOADS 4800-9200					P		
H0000	7433		VE CABINAT				E		
H0000	7438	LOADS 5300-10700						P	
H0000	7438		SU FP					D	
H0000	7440	LOADS 7500-12000							P
H0000	7449	LOADS 4400-8480				P	P		
H0000	7449		VE 6+1				E		
H0000	7455	LOADS 3200-5200		P					
H0000	7455			D					
H0000	7498	LOADS 7100-12000							P
H0000	7551	LOADS 3600-5200		P					
H0000	7552	LOADS 3600-5800			P				
H0000	7561	LOADS 3600-5400		P					
H0000	7561		EP 140 E4	E					
H0000	7562	LOADS 3400-5400		P					
H0000	7562		EP 140 E4	E					
H0000	7565	LOADS 7100-12600							P
H0000	7596	LOADS 3600-6300			P				
H0000	7616	LOADS 4000-7600				P			
H0000	7620	LOADS 4800-8500					P		

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
H0000	7620		VE 6+1				E		
H0000	7624	LOADS 5100-9500					P		
H0000	7624		VE CABINAT				D		
H0000	7624		VE 6+1				E		
H0000	14523	LOADS 4480-8480				P	P		
H0000	14523					D			
H0000	14523		VE 6+1				E		
H0000	14637	LOADS 3200-4600		P					
H0000	14637		EP 180 E4	E					
H0600	6093	STANDARD SUSPENSION		P	P	P	P	P	P
H0600	6093			D	D	D	D	D	D
H0600	8295	REINFORCED SUSP.		P	P	P	P	P	P
H0600	8295		SU FP SU P		E		E	E	
H0600	8295		SU P	E		E			E
H0600	8296	FRONT REINFORCED SUS		P	P	P	P	P	P
H0600	8296		SU FP		E		E	E	
H2500	2073	MULTILEAF SPRINGS		P	P		P	P	P
H2500	2073		SU P	E					E
H2500	2073		SU FP SU P		E		E	E	
H2500	2075	PARABOLIC SPRINGS		P	P	P	P	P	P
H2500	2075		SU MEC	D	D	D	D	D	D
H2500	2075		SU P	E		E			E
H2500	2075		SU FP SU P		E		E	E	
H2500	6112	FRONT AIR SUSPENSION			P		P	P	
H2500	6112		SU FP		D		D	D	
H2500	6112		SU MEC SU P		E		E	E	
H2500	6115	REAR AIR SUSPENSION		P	P	P	P	P	P
H2500	6115		SU P	D	D	D	D	D	D
H2500	6115		SU MEC	E		E			E
H2500	6115		SU FP SU MEC		E		E	E	
H7000	419	DOWNRATED GVW			P	P	P		P
H7000	6441	STANDARD GVW		P	P	P	P	P	P
H7000	6441			D	D	D	D	D	D

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
I0000	20009	TYRES 9.5R17.5 - 3		P	P				
I0000	20028	TYRES 225/75R17.5 (R)18		P	P				
I0000	20028				D				
I0000	20041	TYRES 315/60R22.5 - 18							P
I0000	20074	TYRES 245/70R19.5 (R)28					P		
I0000	20075	TYRES 265/70R19.5 (R)28					P		
I0000	20076	TYRES 285/70R19.5 (R)28					P	P	
I0000	20076						D	D	
I0000	20086	TYRES 315/70R22.5-18-154							P
I0000	20110	TYRES 305/70R22.5-152-18							P
I0000	20124	TYRES 265/70R17.5 - 18				P			
I0000	20143	TYRES 295/80R22.5 EN 18							P
I0000	20146	TYRES 315/80R22.5 156E18							P
I0000	20164	TYRES 10R22.5 - 3					P		
I0000	20167	TYRES 245/70R17.5 136-18				P			
I0000	20167					D			
I0000	20229	TYRES 315/70R22.5-18-B							P
I0000	20231	TYRES 315/80R22.5-18-B							P
I0000	20232	TYRES 295/80R22.5-28-B							P
I0000	20370	TYRES 11R22.5 - 3						P	
I0000	20494	TYRES 305/70R19.5 -18						P	
I0000	20498	TYRES 295/80R22.5-28							P
I0000	20498								D
I0000	20600	TYRES 225/75R17.5 (20028)			P				
I0000	20602	TYRES 285/70R19.5 (20076)					P		
I0000	20757	TYRES 12R22.5 - 3							P
I0000	20790	TYRES 315/80R22.5-3-156							P
I0000	20795	TYRES 315/80R22.5-34-156							P
I0000	20823	TYRES 205/75R17.5 - 2		P					
I0000	20823			D					
I0000	20825	TYRES 215/75R17.5 - 2		P					
I0000	20832	TYRES 215/75R17.5-28		P	P				
I0000	20842	TYRES 12R22.5 - 34							P
I0000	20849	TYRES 315/80R22.5-28							P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
I0000	20856	TYRES 205/75R17.5 - 28		P					
I0500	2210	SPARE WHEEL		P	P	P	P	P	P
I0500	2213	DELETE SPARE WHEEL		P	P	P	P	P	P
I0500	2213			D	D	D	D	D	D
J0000	2733	MLL MR CAB		P	P	P	P	P	P
J0000	2733		WB 3105 WB 3330	E	E	E			
J0000	2733		WB 3105				E	E	
J0000	2733		WB 3690						E
J0000	2733		CT MLC CT MLD		E	E	E		
J0000	2733		CT MLC	E				E	E
J0000	2741	MLL LR CAB		P	P	P	P	P	P
J0000	2741		CT MLL	D	D	D	D	D	D
J0000	2741		WB 3105 WB 3330	E	E	E			
J0000	2741		WB 3105				E	E	
J0000	2741		WB 3690						E
J0000	2741		CT MLC	E				E	E
J0000	2741		CT MLC CT MLD		E	E	E		
J0000	2742	MLC LR CAB		P	P	P	P	P	P
J0000	2742		CT MLC	D	D	D	D	D	D
J0000	2742		CT MLL	E				E	E
J0000	2742		CT MLD CT MLL		E	E	E		
J0000	7743	MLD CAB (1+6)			P	P	P		
J0000	7743		CT MLD		D	D	D		
J0000	7743		WB 3105				E		
J0000	7743		CT MLC CT MLL		E	E	E		
J0000	7743		WB 3105 WB 3330		E	E			
J0000	7743		SU FP		E		E		
J0400	4311	FABRIC INTERIOR TRIM		P	P	P	P	P	P
J0400	4311			D	D	D	D	D	D
J0400	7747	EASY CLEAN CAB TRIM		P	P	P	P	P	P
J0400	7747		CT MLL	E	E	E	E	E	E
J0500	698	MIRRORS MAX 2300 MM		P	P	P			
J0500	698			D	D	D			

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
J0500	2704	MIRRORS MAX 2600 MM		P	P	P	P	P	P
J0500	2704						D	D	D
J0700	7898	MIRRORS 2003/97/CE		P	P	P	P	P	P
J0700	7898			D	D	D	D	D	D
J1000	697	HEATED MIRRORS		P	P	P	P	P	P
J1000	2714	HTD ELEC. AD MIRRORS		P	P	P	P	P	P
J1000	7963	MANUAL MIRRORS		P	P	P	P	P	P
J1000	7963			D	D	D	D	D	D
J1500	2739	NON REINFORCED CAB			P	P	P	P	P
J1500	2739				D	D	D	D	D
J1500	2746	REINFORCED CAB			P	P	P	P	P
J1500	2746		DR DX		E	E	E	E	E
J1500	2746		VE 6+1		E	E	E		
J2000	590	SAFETY BELTS		P	P	P	P	P	P
J2000	2728	WITHOUT SAFETY BELTS		P	P	P	P	P	P
J2000	2728			D	D	D	D	D	D
J2900	2729	WITHOUT HEADRESTS		P	P	P	P	P	P
J2900	2729			D	D	D	D	D	D
J2900	6629	HEADRESTS		P	P	P	P	P	P
J3000	6606	VINYL DRIVER SEAT		P	P	P	P	P	P
J3000	6620	FA AIR DRIV SEAT H		P	P	P	P	P	P
J3000	6621	FABRIC DRIVER SEAT		P	P	P	P	P	P
J3000	6621			D	D	D	D	D	D
J3000	6624	FA AIR DRIVER SEAT		P	P	P	P	P	P
J3000	6626	VINYL AIR DRIV SEAT		P	P	P	P	P	P
J3500	6610	WITHOUT PASSENG SEAT		P	P	P	P	P	P
J3500	6617	FABRIC DUAL BENCH		P	P	P	P	P	P
J3500	6617		CT MLC CT MLD		D	D	D		
J3500	6617		CT MLC	D				D	D
J3500	6631	FABRIC PASS SEAT 3		P	P	P	P	P	P
J3500	6633	FABRIC PASS SEAT 2		P	P	P	P	P	P
J3500	6633		CT MLL	D	D	D	D	D	D
J3500	6634	FABRIC AIR PASS SEAT		P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC		E75	E100	E120	E140	E160	E180
J3500	6636	FAB AIR PASS SEAT H			P	P	P	P	P	P
J3500	6637	VINYL DUAL BENCH			P	P	P	P	P	P
J3500	6640	VINYL AIR PASS SEAT			P	P	P	P	P	P
J3500	6641	VINYL PASSENGER SEAT			P	P	P	P	P	P
J4500	598	CENTRE PACKAGE TRAY			P	P	P	P	P	P
J4500	5693	DEL PACKAGE TRAY			P	P	P	P	P	P
J4500	5693				D	D	D	D	D	D
J5100	6750	WITHOUT REAR BENCH			P	P	P	P	P	P
J5100	6750				D				D	D
J5100	6750		CT MLC	CT MLL		D	D	D		
J5100	6750		CT MLD			E	E	E		
J5100	7630	VINYL REAR BENCH				P	P	P		
J5100	7630		CT MLC	CT MLL		E	E	E		
J5100	7635	FABRIC REAR BENCH				P	P	P		
J5100	7635		CT MLD			D	D	D		
J5100	7635		CT MLC	CT MLL		E	E	E		
J5600	907	LOWER BUNK NET PRO			P	P	P	P	P	P
J5600	907		CT MLL		D	D	D	D	D	D
J5600	907		CT MLC	CT MLD		E	E	E		
J5600	907		CT MLC		E				E	E
J5600	4087	LOWER BUNK NET PRO			P	P	P	P	P	P
J5600	4087		CT MLC	CT MLD		E	E	E		
J5600	4087		CT MLC		E				E	E
J5600	4089	WITHOUT BUNKS			P	P	P	P	P	P
J5600	4089		CT MLC	CT MLD		D	D	D		
J5600	4089		CT MLC		D				D	D
J5600	8281	LOWERED BUNKS NET PR			P	P	P	P	P	P
J5600	8281		CT MLC	CT MLD		E	E	E		
J5600	8281		CT MLC		E				E	E
J7000	632	EXTERNAL SUNVISOR			P	P	P	P	P	P
J7000	6692	NO EXTERNAL SUNVISOR			P	P	P	P	P	P
J7000	6692				D	D	D	D	D	D
J7500	640	ROOF HATCH			P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
J7500	640		CT MLL	D	D	D	D	D	D
J7500	646	WITHOUT ROOF HATCH		P	P	P	P	P	P
J7500	646		CT MLC CT MLD		D	D	D		
J7500	646		CT MLC	D				D	D
J7500	646		CT MLL	E	E	E	E	E	E
J7500	4406	ELECTRIC ROOF HATCH		P	P	P	P	P	P
J8000	685	HEATED WINDSCREEN		P	P	P	P	P	P
J8000	2680	NOT. HEATED SCREEN		P	P	P	P	P	P
J8000	2680			D	D	D	D	D	D
J8100	2681	NO TINTED WINDSCREEN		P	P	P	P	P	P
J8100	2681			D	D	D	D	D	D
J8100	2688	TINTED WINDSCREEN		P	P	P	P	P	P
J8300	4604	WITHOUT DOOR BLINDS		P	P	P	P	P	P
J8300	4604			D	D	D	D	D	D
J8300	5629	DOOR ROLLER BLINDS		P	P	P	P	P	P
J8400	693	ELECTRIC WINDOWS		P	P	P	P	P	P
J8400	4027	MANUAL WINDOWS		P	P	P	P	P	P
J8400	4027			D	D	D	D	D	D
J8600	741	NO CAB REAR WINDOWS		P	P	P	P	P	P
J8600	741			D	D	D	D	D	D
J8600	744	CAB REAR WINDOWS		P	P	P	P	P	P
J8600	744		CT MLL	E	E	E	E	E	E
J8800	6529	WITHOUT CENT. LOCK.		P	P	P	P	P	P
J8800	6529			D	D	D	D	D	D
J8800	8092	REMOTE CENTRAL LOCK.		P	P	P	P	P	P
JAA00	630	ROOF SPOILER		P	P	P	P	P	P
JAA00	630		VE ROAD-SW					E	
JAA00	630		CT MLD		E	E	E		
JAA00	2640	WITHOUT ROOF SPOILER		P	P	P	P	P	P
JAA00	2640			D	D	D	D	D	D
JAN00	5559	NO IND. CAB HEATER		P	P	P	P	P	P
JAN00	5559			D	D	D	D	D	D
JAN00	6656	INDIPEND. CAB HEATER		P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
JAN00	6656		VE ROAD-SW					E	
JBC00	6653	POLLEN FILTER		P	P	P	P	P	P
JBC00	6680	NO POLLEN FILTER		P	P	P	P	P	P
JBC00	6680			D	D	D	D	D	D
JBN00	2644	STD CAB HEATING		P	P	P	P	P	P
JBN00	2644			D	D	D	D	D	D
JBN00	2650	MANUAL AIR CONDITION		P	P	P	P	P	P
JCA00	2758	SERVOASSIST CAB TILT		P	P	P	P	P	P
JCA00	2758		CT MLD		D	D	D		
JCA00	2758		VE ROAD-SW					E	
JCA00	7748	MANUAL CAB TILT		P	P	P	P	P	P
JCA00	7748			D				D	D
JCA00	7748		CT MLC CT MLL		D	D	D		
JCA00	7748		CT MLD		E	E	E		
JDN00	4291	COOL BOX		P	P	P	P	P	P
JDN00	4291		CT MLC CT MLD		E	E	E		
JDN00	4291		CT MLC	E				E	E
JDN00	4292	WITHOUT COOL BOX		P	P	P	P	P	P
JDN00	4292			D	D	D	D	D	D
JDN00	6695	FRIDGE		P	P	P	P	P	P
JDN00	6695		CT MLC CT MLD		E	E	E		
JDN00	6695		CT MLC	E				E	E
JEE00	6538	WITHOUT IMMOBILISER		P	P	P	P	P	P
JEE00	6538			D	D	D	D	D	D
JEE00	6891	IMMOBILIZER		P	P	P	P	P	P
JEN00	4214	PROVIS. RADIO AND CB				P			
JEN00	4219	PROVIS. RADIO		P	P	P	P	P	P
JEN00	4219			D	D	D	D	D	D
JEN00	6579	STEREO RADIO		P	P	P	P	P	P
JER20	1483	PTO PROVISION		P	P	P	P	P	P
JER20	1484	NO PTO PROVISION		P	P	P	P	P	P
JER20	1484			D	D	D	D	D	D
JFM00	4164	BASE LINE - CLUSTER		P	P	P	P	P	P



FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
JFM00	4164			D	D	D	D	D	D
JFM00	4176	HIGH-LINE - CLUSTER		P	P	P	P	P	P
JFM10	7835	CLUSTER KM ONLY IND		P	P	P	P	P	P
JFM10	7836	CLUSTER KMH MPH IND		P	P	P	P	P	P
JFM10	7836			D	D	D	D	D	D
JFN00	2528	TACHO 2 DRIV KMH MPH		P	P	P	P	P	P
JFN00	2934	SPEEDOMETRE KMH-MPH		P	P	P	P	P	P
JFN00	7848	DIGITAL TACHOGRAPH		P	P	P	P	P	P
JFN00	7848			D	D	D	D	D	D
JFN00	8818	ADR DIGITAL TACHO		P	P	P	P	P	P
JKC00	2463	CRUISE CONTROL		P	P	P	P	P	P
JKC00	6515	NO CRUISE CONTROL		P	P	P	P	P	P
JKC00	6515			D	D	D	D	D	D
JKE00	2495	NO FMS DATA INTERFACE		P	P	P	P	P	P
JKE00	2495			D	D	D	D	D	D
JKE00	14569	FMS DATA INTERFACE		P	P	P	P	P	P
JKG00	8288	WITHOUT TOLL PROV.				P	P	P	P
JKG00	8288					D	D	D	D
JKG00	8289	PROVI. TOLL COLLECT				P	P	P	P
JLA10	7629	NO REVERSE BUZZER		P	P	P	P	P	P
JLA10	7629			D	D	D	D	D	D
JLA10	7638	REVERSE BUZZER		P	P	P	P	P	P
L1000	7255	DOUBLE DRIVE PROVIS.						P	
L1000	7255							D	
L1000	7283	NO DOUBLE DRIVE PROV						P	
L1000	7283		VE CABINAT					E	
L1000	7283		CT MLL					E	
L1000	7283		EP 250 E4    EP 280 E4    EP 300 E4					E	
LAA00	180	VERT EXHAUST PIPE		P	P	P	P	P	P
LAA00	180		VE ROAD-SW					D	
LAA00	180		GT AUTOMAT					D	D
LAA00	180		EP 220 E4    EP 250 E4    GT AUTOMAT				D		
LAA00	2181	CENTRAL EXHAUST PIPE		P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
LAA00	2181			D	D	D			
LAA00	2181		VE CABINAT					D	
LAA00	2181		GT 6M GT 9M				D		D
LAA00	2181		EP 180 E4 GT AUTOMAT				D		
LAA00	2181		VE ROAD-SW					E	
LAA00	2181		GT AUTOMAT					E	E
LAA00	2181		EP 220 E4 EP 250 E4 GT AUTOMAT				E		
LAA00	2182	LH SIDE EXHAUST PIPE		P	P	P	P	P	P
LAA00	2182		VE ROAD-SW					E	
LAA00	2182		GT AUTOMAT					E	E
LAA00	2182		EP 220 E4 EP 250 E4 GT AUTOMAT				E		
LAL00	3191	SNORKEL AIR INTAKE		P	P	P	P	P	P
LAL00	3191		CT MLD		D	D	D		
LAL00	3191		CT MLC CT MLL DR DX			D	D		
LAL00	3191		DR DX					D	D
LAL00	6185	NO SNORKEL AIR INT.		P	P	P	P	P	P
LAL00	6185			D					
LAL00	6185		CT MLC CT MLL		D				
LAL00	6185		CT MLC CT MLL DR SX			D	D		
LAL00	6185		DR SX					D	D
LAL00	6185		CT MLD		E	E	E		
LAL00	6185		DR DX			E	E	E	E
LAP00	8071	UNDER CAB AIR FILTER		P	P	P	P	P	P
LAP00	8071			D	D				
LAP00	8071		CT MLC DR SX			D	D	D	D
LAP00	8071		CT MLD CT MLL			D	D		
LAP00	8071		CT MLL					D	D
LAP00	8071		CT MLC DR DX			E	E	E	E
LAP00	8293	REAR CAB AIR FILTER		P	P	P	P	P	P
LAP00	8293		CT MLC DR DX			D	D	D	D
LAP00	8293		CT MLD CT MLL		E	E	E		
LAP00	8293		CT MLL	E				E	E
LNA00	179	200L FUEL TANK		P	P	P	P	P	P
LNA00	179								D

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
LNA00	179		EP 280 E4 EP 300 E4					D	
LNA00	179		VE ROAD-SW					E	
LNA00	2171	90L FUEL TANK						P	
LNA00	2171		VE CABINAT					E	
LNA00	2175	115L FUEL TANK		P	P	P	P	P	
LNA00	2175			D	D	D	D		
LNA00	2175		EP 180 E4 EP 220 E4 EP 250 E4					D	
LNA00	5101	280L FUEL TANK					P	P	P
LNA00	5101		VE ROAD-SW					E	
LNA00	5101		WB 3105				E	E	
LNA00	5101		CT MLD WB 3690				E		
LNP00	8271	25 LITRES UREA TANK		P	P	P	P	P	P
LNP00	8271			D	D	D	D	D	D
LNP00	8276	WITHOUT UREA TANK		P	P	P	P	P	P
LNP10	8277	HEATED UREA TANK		P	P	P	P	P	P
LNP10	8278	UREA TANK NOT HEATED		P	P	P	P	P	P
LNP10	8278			D	D	D	D	D	D
LQA00	2289	HEATED PREFILTER		P	P	P	P	P	P
LQA00	6264	NON HEATED PREFILTER		P	P	P	P	P	P
LQA00	6264			D	D	D	D	D	D
LQA00	6881	RACOR PREFILTER		P	P	P	P	P	P
LQA00	6883	RACOR HEATED FILTER		P	P	P	P	P	P
M0000	90	ABS		P	P	P	P	P	P
M0000	90			D	D	D	D	D	D
M0000	2091	ABS + ASR		P	P	P	P	P	P
M0000	8297	ABS+ASR+ESP		P	P	P	P	P	P
M1000	237	HYDRAULIC RETARDER					P	P	P
M1000	237		GT 6M GT 9M				E	E	E
M1000	237		EP 180 E4				E		
M1000	6234	WITHOUT RETARDER					P	P	P
M1000	6234						D	D	D
M1500	89	EXHAUST BRAKE		P	P	P	P	P	P
M1500	89				D	D	D	D	D

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
M1500	89		EP 180 E4	D					
M1500	6893	WITHOUT EXHAUST BRAKE		P					
M1500	6893		EP 140 E4    EP 160 E4	D					
M1500	6893		EP 180 E4	E					
MAC00	4666	STD BRAKING SYSTEM					P	P	P
MAC00	4666						D	D	D
MAC00	4667	3RD AXLE BRAKE PROV.						P	P
MAC00	4667		VE ROAD-SW					E	
MEA00	1109	FRONT AIR COUPLING							P
MEA00	2126	NO FRONT AIR COUPL.					P	P	P
MEA00	2126						D	D	D
MFA00	2095	AIR DRYER		P	P	P	P	P	P
MFA00	2095			D	D	D	D	D	D
MFA00	2096	WITHOUT AIR DRYER		P	P	P	P	P	P
MGB00	2094	STEEL AIR TANKS		P	P	P	P	P	P
MGB00	2094			D	D	D	D	D	D
MGB00	2116	ALUMINIUM AIR TANKS		P	P	P	P	P	P
MGD00	6432	FRENCH AIRTANK PLATE		P	P	P	P	P	P
MGD00	6439	STD AIRTANK PLATING		P	P	P	P	P	P
MGD00	6439			D	D	D	D	D	D
MND00	4572	EXPANSION MODULE		P	P	P	P	P	P
MND00	4573	NO EXPANSION MODULE		P	P	P	P	P	P
MND00	4573			D	D	D	D	D	D
MNE00	4113	ELECT. TAILLIFT PROV		P	P	P	P	P	P
MNE00	4113		VE ROAD-SW					E	
MNE00	4114	NO ELECT T/LIFT PROV		P	P	P	P	P	P
MNE00	4114			D	D	D	D	D	D
MNF00	4115	PROV. REAR ECAS CONT		P	P	P	P	P	P
MNF00	4115		SU MEC	E	E	E	E	E	E
MNF00	4115		VE ROAD-SW					E	
MNF00	4116	NO PROV R. ECAS CONT		P	P	P	P	P	P
MNF00	4116			D	D	D	D	D	D
MPC00	1473	7 PIN TRAILER PLUG		P	P	P	P	P	P

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
MPC00	1473		VE ROAD-SW					E	
MPC00	1473		GT AUTOMAT				E	E	E
MPC00	2085	15 PIN TRAILER PLUG		P	P	P	P	P	P
MPC00	2085		GT AUTOMAT				E	E	E
MPC00	2085		VE ROAD-SW					E	
MPC00	6521	WITHOUT TRAILER PLUG		P	P	P	P	P	P
MPC00	6521			D	D	D	D	D	D
MPD00	6526	12V TRAILER PLUG		P	P	P	P	P	P
MPD00	6526		VE ROAD-SW					E	
MPD00	6528	NO 12V TRAILER PLUG		P	P	P	P	P	P
MPD00	6528			D	D	D	D	D	D
MPM00	30001	CHARGED BATTERY		P	P	P	P	P	P
MPM00	30005	WITHOUT BATTERY		P	P	P	P	P	P
MPM00	30005			D	D	D	D	D	D
MPN00	563	88 AH BATTERIES						P	
MPN00	563		VE CABINAT					E	
MPN00	567	110 AH BATTERIES		P	P	P	P	P	P
MPN00	567				D	D	D	D	D
MPN00	568	143 AH BATTERIES		P	P	P	P	P	P
MPN00	568		SU MEC WB 3105	E	E	E			
MPN00	2575	70 AH BATTERIES		P					
MPN00	2575			D					
MPN00	5031	170 AH BATTERIES					P	P	P
MQN00	541	MANUAL BATT SWITCH		P	P	P	P	P	P
MQN00	2532	ELECT BATTERY CUTOUT		P	P	P	P	P	P
MQN00	6523	NO BATTERY SWITCH		P	P	P	P	P	P
MQN00	6523			D	D	D	D	D	D
MRN00	6531	24/12V CONVERTOR		P	P	P	P	P	P
MRN00	6894	NO 24/12V CONVERTOR		P	P	P	P	P	P
MRN00	6894			D	D	D	D	D	D
NAB00	6555	FOG LIGHTS		P	P	P	P	P	P
NAB00	6562	WITHOUT FOG LIGHTS		P	P	P	P	P	P
NAB00	6562			D	D	D	D	D	D

FCS	OPT	SHORT DESCRIPTION	FgC					E75	E100	E120	E140	E160	E180					
NBA00	2558	HEADLAMP WASHERS											P	P	P	P	P	P
NBA00	6544	NO HEADLAMP WASHERS											P	P	P	P	P	P
NBA00	6544												D	D	D	D	D	D
NCA00	2536	DAYTIME LIGHTS											P	P	P	P	P	P
NCA00	6563	NO DAYTIME LIGHTS											P	P	P	P	P	P
NCA00	6563												D	D	D	D	D	D
NEA00	1540	ROOF ROTATING LIGHTS											P	P	P	P	P	P
NEA00	6539	NO ROOF ROTA LIGHTS											P	P	P	P	P	P
NEA00	6539												D	D	D	D	D	D
P0000	2765	REAR CROSS MEMBER													P	P	P	P
P0000	2765														D			D
P0000	2765		WB 3690	WB 4185	WB 4455	WB 4815	WB 5175	WB 5670	WB 6570							D	D	
P0000	2765		VE ROAD-SW														E	
P0000	3158	CA CROS MEMBER D=100												P	P	P	P	
P0000	3158		VE ROAD-SW														E	
P0000	3158		GT 6M	GT AUTOMAT											E	E	E	
P0000	6150	CROSS MEMBER D=100															P	P
P0000	6150		GT 6M	GT AUTOMAT													E	E
P0000	6150		VE ROAD-SW														E	
P0000	6150		EP 180 E4	EP 220 E4													E	
P0000	6153	CROSS MEMBER D=7											P	P	P	P	P	
P0000	6153		VE ROAD-SW														E	
P0000	6154	CA CROS MEMBER D=120												P	P	P	P	
P0000	6154		VE ROAD-SW														E	
P0000	6154		GT 6M	GT AUTOMAT											E	E	E	
P0000	6224	NO REAR CROSS MEMBER											P	P		P	P	
P0000	6224												D	D				
P0000	6224		WB 3105													D	D	
P0000	6224		VE ROAD-SW														D	
P0000	6224		WB 3690	WB 4185	WB 4455	WB 4815	WB 5175	WB 5670	WB 6570							E	E	
P0100	4180	BALL HEAD COUPLING											P	P	P			
P0100	4205	NO BALLHEAD COUPLING											P	P	P			
P0100	4205												D	D	D			

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
P0500	154	WIITHOUT TOW HOOK		P	P	P	P	P	P
P0500	154			D	D	D	D	D	D
P0500	3150	HOOK 50mm D=70		P	P	P	P	P	
P0500	3150		VE ROAD-SW					E	
P0500	3150		GT 6M GT AUTOMAT			E	E	E	
P0500	3150		GT AUTOMAT		E				
P0500	3150		EP 250 E4 EP 280 E4 EP 300 E4					E	
P0500	3151	HOOK 50mm D=100						P	P
P0500	3151		GT 6M GT AUTOMAT					E	E
P0500	3151		VE ROAD-SW					E	
P0500	3151		EP 180 E4 EP 220 E4					E	
P0500	3153	CA HOOK 40mm D=100			P	P	P	P	
P0500	3153		VE ROAD-SW					E	
P0500	3153		GT 6M GT AUTOMAT			E	E	E	
P0500	5150	CA HOOK 40mm D=120			P	P	P	P	
P0500	5150		VE ROAD-SW					E	
P0500	5150		GT 6M GT AUTOMAT			E	E	E	
P0500	5153	HOOK 40mm D=70		P	P	P	P	P	
P0500	5153		VE ROAD-SW					E	
P0500	5153		GT 6M GT AUTOMAT			E	E	E	
P0500	5153		GT AUTOMAT		E				
P0500	5153		EP 250 E4 EP 280 E4 EP 300 E4					E	
P0500	5154	HOOK 40mm D=100						P	P
P0500	5154		GT 6M GT AUTOMAT					E	E
P0500	5154		VE ROAD-SW					E	
P0500	5154		EP 180 E4 EP 220 E4					E	
P0600	7805	ROCKINGER TOW HOOK		P	P	P	P	P	P
P0600	7805		GT AUTOMAT		E				
P0600	7805		VE ROAD-SW					E	
P0600	7805		GT 6M GT AUTOMAT			E	E	E	E
P0600	7806	RINGFEDER TOW HOOK		P	P	P	P	P	P
P0600	7806		GT AUTOMAT		E				
P0600	7806		VE ROAD-SW					E	
P0600	7806		GT 6M GT AUTOMAT			E	E	E	E

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
P0600	7812	GENERIC TOW HOOK		P	P	P	P	P	P
P0600	7812			D	D	D	D	D	D
P1500	430	DRAWBAR R VERSION		P	P	P	P	P	P
P1500	430		VE ROAD-SW					E	
P1500	430		GT 6M GT AUTOMAT			E	E	E	E
P1500	430		GT 5M	E					
P1500	6837	SOLO VERSION - NOT R		P	P	P	P	P	P
P1500	6837			D	D	D	D	D	D
PAA00	160	STEEL FRONT BUMPER		P	P	P	P	P	P
PAA00	7279	PLASTIC FRONT BUMPER		P	P	P	P	P	P
PAA00	7279			D	D	D	D	D	D
PAN00	165	STD REAR BUMPER		P	P	P	P	P	P
PAN00	165		VE ROAD-SW					D	
PAN00	166	TUBULAR REAR BUMPER		P	P	P	P	P	P
PAN00	166		VE ROAD-SW					E	
PAN00	169	DELETE REAR BUMPER		P	P	P	P	P	P
PAN00	169			D	D	D	D		D
PAN00	169		VE CABINAT					D	
PAN00	169		VE ROAD-SW					E	
PAN10	2198	FRONT U/RUN PROTECT		P	P	P	P	P	P
PAN10	2198			D	D	D	D	D	D
PAN10	2199	NO FRONT U/RUN PROT.		P	P	P	P	P	P
PCR00	2662	ANTI SPRAY CE 91/226		P	P	P	P	P	P
PCR00	5848	STD IVECO ANTISPRAY		P	P	P	P	P	P
PCR00	5848			D	D	D	D	D	D
PEN00	553	HEADLAMP PROTEC GRID		P	P	P	P	P	P
PEN00	6546	NO H/LAMP PROT. GRID		P	P	P	P	P	P
PEN00	6546			D	D	D	D	D	D
PFA00	191	RADIATOR GUARD		P	P	P	P	P	P
PFA00	2193	NO. RADIATOR GUARD		P	P	P	P	P	P
PFA00	2193			D	D	D	D	D	D
PNA00	217	WITHOUT WHEEL CHOCKS		P	P	P	P	P	P
PNA00	217			D	D	D	D	D	D



FCS	OPT	SHORT DESCRIPTION	FgC				E75	E100	E120	E140	E160	E180
PNA00	219	WHEEL CHOKS					P	P	P	P	P	P
PNB00	30360	WITHOUT HANDBOOK					P	P	P	P	P	P
PNB00	30360						D	D	D	D	D	D
PNB00	30804	HANDBOOK					P	P	P	P	P	P
PNE00	5365	WITHOUT JACK EQUIP					P	P	P	P	P	P
PNE00	5365						D	D	D	D	D	D
PNE00	7700	JACKING EQUIPMENT					P	P	P	P	P	P
PNH00	371	WITHOUT STD TOOLKIT					P	P	P	P	P	P
PNH00	3215	STANDARD TOOLKIT					P	P	P	P	P	P
PNH00	3215						D	D	D	D	D	D
PNJ00	2211	WARNING TRIANGLE					P	P	P	P	P	P
PNJ00	2215	NO WARNING TRIANGLE					P	P	P	P	P	P
PNJ00	2215						D	D	D	D	D	D
PNP00	4544	PROVISION FIRE EXTIN					P	P	P	P	P	P
PNP00	4545	NO PROVI. FIRE EXTIN					P	P	P	P	P	P
PNP00	4545						D	D	D	D	D	D
PNS00	5108	PORTABLE FLASHLIGHT					P	P	P	P	P	P
PNS00	5109	WITHOUT FLASHLIGHT					P	P	P	P	P	P
PNS00	5109						D	D	D	D	D	D
PNY00	5534	FIRST AID KIT					P	P	P	P	P	P
PNY00	5596	NO FIRST AID KIT					P	P	P	P	P	P
PNY00	5596						D	D	D	D	D	D
PPA00	724	DEL SPARE W CARRIER					P	P	P	P	P	P
PPA00	724						D	D	D	D	D	D
PPA00	725	SPARE WHEEL CARRIER					P					
PPA00	725		WB 3105				E					
PPA00	2721	SIDE SPARE W CARRIER					P	P	P	P	P	P
PPA00	2721		VE ROAD-SW							E		
Q1500	6403	TIPPER EQUIPMENT					P	P		P	P	P
Q1500	6403		SU P				E					E
Q1500	6403		SU FP	SU P				E		E	E	
Q1500	6403		WB 4590	WB 4815	WB 5175	WB 5670	WB 6210	WB 6570				E
Q1500	6403		WB 4185	WB 4455	WB 4815							
Q1500	6403								E	E		

FCS	OPT	SHORT DESCRIPTION	FgC					E75	E100	E120	E140	E160	E180
Q1500	6403		WB 4455	WB 4815	WB 5175	WB 5670	WB 6570				E	E	
Q1500	6403		CT MLL					E	E		E	E	E
Q1500	6433	STANDARD EQUIPMENT						P	P	P	P	P	P
Q1500	6433							D	D	D	D	D	D
Q1510	2342	ADR EQUIPMENT						P	P	P	P	P	P
Q1510	2342		VE ROAD-SW									E	
Q1510	2343	NO ADR EQUIPMENT						P	P	P	P	P	P
Q1510	2343							D	D	D	D	D	D
Q2300	2766	NO TAIL LIFT FIX KIT						P	P	P	P	P	P
Q2300	2766							D	D	D	D	D	D
Q2300	6229	TAIL LIFT FIX KIT						P	P	P	P	P	
Q2300	6229		VE ROAD-SW									E	
QAN00	851	COLD COUNTRY (-25°C)						P	P	P	P	P	P
QAN00	2373	HOT COUNTRY ADAPT.						P	P	P	P	P	P
QAN00	2373		EP 280 E4	GT AUTOMAT								E	
QAN00	2373		EP 280 E4	EP 300 E4	GT AUTOMAT								E
QAN00	6400	SUB-ARTIC (-30°C)						P	P	P	P	P	P
QAN00	6434	STD TEMP. CLIMATE						P	P	P	P	P	P
QAN00	6434							D	D	D	D	D	D
QBA00	2452	EUROCARGO BADGING						P	P	P	P	P	P
QBA00	2452							D	D	D	D	D	D
QBB00	4105	160E BADGING&PLATING											P
QBB00	4105		SU MEC	SU P									D
QBB00	4105		SU FP										E
QBB00	5600	80E BADGING&PLATING						P					
QBB00	5600		WB 4455					E					
QBB00	5600		EP 140 E4					E					
QBB00	5601	90E BADGING&PLATING							P				
QBB00	5602	100E BADGING&PLATING							P				
QBB00	5602								D				
QBB00	5603	110ELBADGING&PLATING								P			
QBB00	5603		CT MLD							E			
QBB00	5604	120ELBADGING&PLATING								P			

FCS	OPT	SHORT DESCRIPTION	FgC	E75	E100	E120	E140	E160	E180
QBB00	5604					D			
QBB00	5605	130E BADGING&PLATING					P		
QBB00	5605		CT MLD				D		
QBB00	5605		EP 280 E4				E		
QBB00	5605		CT MLC CT MLL				E		
QBB00	5606	140E BADGING&PLATING					P		
QBB00	5606		CT MLC CT MLL				D		
QBB00	5606		CT MLD				E		
QBB00	5607	150E BADGING&PLATING						P	
QBB00	5607		SU FP					D	
QBB00	6484	65E BADGING&PLATING		P					
QBB00	6484		EP 180 E4	E					
QBB00	6485	60E BADGING&PLATING		P					
QBB00	6485		EP 180 E4	E					
QBB00	6486	75E BADGING&PLATING		P					
QBB00	6486			D					
QBB00	6487	120E BADGING&PLATING					P		
QBB00	6490	80E BADGING&PLATING			P				
QBB00	6820	180E BADGING&PLATING							P
QBB00	6820								D
QBB00	6867	190ELBADGING&PLATING							P
QBC00	6424	RHD/RHD CIRCULATION		P	P	P	P	P	P
QBC00	6424		DR SX	E	E	E	E	E	E
QBC00	6425	LHD/LHD CIRCULATION		P	P	P	P	P	P
QBC00	6425		DR DX	E	E	E	E	E	E
QBC00	6437	RHD/LHD CIRCULATION		P	P	P	P	P	P
QBC00	6437		DR DX	D	D	D	D	D	D
QBC00	6437		DR SX	E	E	E	E	E	E
QBC00	6438	LHD/RHD CIRCULATION		P	P	P	P	P	P
QBC00	6438		DR SX	D	D	D	D	D	D
QBC00	6438		DR DX	E	E	E	E	E	E
QBE00	8844	EURO3 COMPLIANT		P	P	P	P	P	P
QBE00	14509	EURO4-2006 COMPLIANT		P	P	P	P	P	P
QBE00	14509			D	D	D	D	D	D

## CHAPTER R.3 - OPTION RULES

- E EXCLUDED (Options combination Not Allowed)**
- C COMPULSORY**  
**(Options combination Allowed in Combination with..)**
- CA COMPULSORY ALTERNATIVE**  
**(Option alternative allowed in combination with...)**

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
E0000	8292	E0000	8292	ALLISON 3000 GEARBOX	E	E1600	2395	MULTIPOWER PTO						E
E1000	6392	E1000	6392	SIDE PTO SLOW PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
E1000	6393	E1000	6393	SIDE PTO FAST PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
E1500	6384	E1500	6384	REAR PTO PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
E1600	2395	E1600	2395	MULTIPOWER PTO	C	JKC00	2463	CRUISE CONTROL						C
E1600	2395	E1600	2395	MULTIPOWER PTO	C	G2200	6319	360CC AIR COMPRESSOR						C
E1600	2395	E1600	2395	MULTIPOWER PTO	E	E0000	8292	ALLISON 3000 GEARBOX						E
E1600	2395	E1600	2395	MULTIPOWER PTO	C	G2000	6315	90A ALTERNATOR						C
G2000	6315	E1600	2395	MULTIPOWER PTO	C	G2000	6315	90A ALTERNATOR						C
G2000	6315	G2200	6319	360CC AIR COMPRESSOR	C	G2000	6315	90A ALTERNATOR		C	C	C		
G2200	6319	G2200	6319	360CC AIR COMPRESSOR	C	G2000	6315	90A ALTERNATOR		C	C	C		
G2200	6319	E1600	2395	MULTIPOWER PTO	C	G2200	6319	360CC AIR COMPRESSOR						C
H0000	4787	H0000	4787	LOADS 3400-6300	C	QBB00	5601	90E BADGING&PLATING			C			
H0000	4787	QBB00	5601	90E BADGING&PLATING	CA	H0000	4787	LOADS 3400-6300			CA			
H0000	4787	QBB00	5601	90E BADGING&PLATING	CA	H0000	7596	LOADS 3600-6300			CA			
H0000	4793	H0000	4793	LOADS 4550-8500	C	QBB00	5604	120ELBADGING&PLATING				C		
H0000	4793	H0000	4793	LOADS 4550-8500	C	H7000	419	DOWNRATED GVW				C	C	
H0000	4793	H0000	4793	LOADS 4550-8500	C	QBB00	6487	120E BADGING&PLATING						C
H0000	4793	QBB00	6487	120E BADGING&PLATING	CA	H0000	4793	LOADS 4550-8500	CT MLC CT MLL					CA
H0000	4793	QBB00	6487	120E BADGING&PLATING	CA	H0000	7449	LOADS 4400-8480	CT MLC CT MLL					CA
H0000	4793	QBB00	6487	120E BADGING&PLATING	CA	H0000	7620	LOADS 4800-8500	CT MLC CT MLL					CA
H0000	4793	QBB00	6487	120E BADGING&PLATING	CA	H0000	14523	LOADS 4480-8480	CT MLC CT MLL					CA
H0000	4793	H0000	4793	LOADS 4550-8500	E	J0000	7743	MLD CAB (1+6)						E
H0000	4794	H0000	4794	LOADS 4200-7900	C	QBB00	5603	110ELBADGING&PLATING				C		
H0000	4794	QBB00	5603	110ELBADGING&PLATING	CA	H0000	4794	LOADS 4200-7900				CA		
H0000	4794	QBB00	5603	110ELBADGING&PLATING	CA	H0000	7616	LOADS 4000-7600				CA		
H0000	7352	H0000	7352	LOADS 7500-11500	E	QBB00	6867	190ELBADGING&PLATING						
H0000	7354	H0000	7354	LOADS 7100-13000	C	QBB00	6867	190ELBADGING&PLATING						
H0000	7354	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7354	LOADS 7100-13000						
H0000	7354	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7355	LOADS 7500-13000						
H0000	7354	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7565	LOADS 7100-12600						
H0000	7354	H0000	7354	LOADS 7100-13000	E	H2500	2073	MULTILEAF SPRINGS						
H0000	7355	H0000	7355	LOADS 7500-13000	E	H2500	2073	MULTILEAF SPRINGS						
H0000	7355	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7354	LOADS 7100-13000						
H0000	7355	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7355	LOADS 7500-13000						
H0000	7355	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7565	LOADS 7100-12600						
H0000	7355	H0000	7355	LOADS 7500-13000	C	QBB00	6867	190ELBADGING&PLATING						
H0000	7422	H0000	7422	LOADS 2900-4000	C	QBB00	6485	60E BADGING&PLATING		C				
H0000	7422	QBB00	6485	60E BADGING&PLATING	C	H0000	7422	LOADS 2900-4000		C				
H0000	7426	QBB00	6490	80E BADGING&PLATING	CA	H0000	7426	LOADS 3400-5800			CA			
H0000	7426	QBB00	6490	80E BADGING&PLATING	CA	H0000	7552	LOADS 3600-5800			CA			
H0000	7426	H0000	7426	LOADS 3400-5800	C	QBB00	6490	80E BADGING&PLATING			C			
H0000	7429	H0000	7429	LOADS 4600-8500	C	QBB00	5604	120ELBADGING&PLATING				C		
H0000	7433	H0000	7433	LOADS 4800-9200	C	QBB00	6487	120E BADGING&PLATING					C	
H0000	7433	QBB00	6487	120E BADGING&PLATING	C	H0000	7433	LOADS 4800-9200	CT MLD				C	
H0000	7438	H0000	7438	LOADS 5300-10700	C	QBB00	5607	150E BADGING&PLATING						C
H0000	7438	QBB00	5607	150E BADGING&PLATING	C	H0000	7438	LOADS 5300-10700						C
H0000	7438	H2500	2073	MULTILEAF SPRINGS	C	H0000	7438	LOADS 5300-10700						C
H0000	7449	H0000	7449	LOADS 4400-8480	C	QBB00	5604	120ELBADGING&PLATING				C		
H0000	7449	H0000	7449	LOADS 4400-8480	C	H7000	419	DOWNRATED GVW				C	C	
H0000	7449	H0000	7449	LOADS 4400-8480	C	QBB00	6487	120E BADGING&PLATING					C	

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
H0000	7449	QBB00	6487	120E BADGING&PLATING	CA	H0000	4793	LOADS 4550-8500	CT MLC CT MLL				CA	
H0000	7449	QBB00	6487	120E BADGING&PLATING	CA	H0000	7449	LOADS 4400-8480	CT MLC CT MLL				CA	
H0000	7449	QBB00	6487	120E BADGING&PLATING	CA	H0000	7620	LOADS 4800-8500	CT MLC CT MLL				CA	
H0000	7449	QBB00	6487	120E BADGING&PLATING	CA	H0000	14523	LOADS 4480-8480	CT MLC CT MLL				CA	
H0000	7449	H0000	7449	LOADS 4400-8480	E	J0000	7743	MLD CAB (1+6)						E
H0000	7498	H0000	7498	LOADS 7100-12000	E	QBB00	6867	190ELBADGING&PLATING						
H0000	7552	H0000	7552	LOADS 3600-5800	C	QBB00	6490	80E BADGING&PLATING			C			
H0000	7552	QBB00	6490	80E BADGING&PLATING	CA	H0000	7426	LOADS 3400-5800			CA			
H0000	7552	QBB00	6490	80E BADGING&PLATING	CA	H0000	7552	LOADS 3600-5800			CA			
H0000	7561	H0000	7561	LOADS 3600-5400	C	QBB00	5600	80E BADGING&PLATING		C				
H0000	7561	QBB00	5600	80E BADGING&PLATING	CA	H0000	7561	LOADS 3600-5400		CA				
H0000	7561	QBB00	5600	80E BADGING&PLATING	CA	H0000	7562	LOADS 3400-5400		CA				
H0000	7562	EAR AXLE R	5600	80E BADGING&PLATING	CA	H0000	7561	LOADS 3600-5400		CA				
H0000	7562	QBB00	5600	80E BADGING&PLATING	CA	H0000	7562	LOADS 3400-5400		CA				
H0000	7562	H0000	7562	LOADS 3400-5400	C	QBB00	5600	80E BADGING&PLATING		C				
H0000	7565	H0000	7565	LOADS 7100-12600	C	QBB00	6867	190ELBADGING&PLATING						
H0000	7565	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7354	LOADS 7100-13000						
H0000	7565	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7355	LOADS 7500-13000						
H0000	7565	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7565	LOADS 7100-12600						
H0000	7565	H0000	7565	LOADS 7100-12600	E	H2500	2073	MULTILEAF SPRINGS						
H0000	7596	H0000	7596	LOADS 3600-6300	C	QBB00	5601	90E BADGING&PLATING			C			
H0000	7596	QBB00	5601	90E BADGING&PLATING	CA	H0000	4787	LOADS 3400-6300		CA				
H0000	7596	QBB00	5601	90E BADGING&PLATING	CA	H0000	7596	LOADS 3600-6300						
H0000	7616	H0000	7616	LOADS 4000-7600	C	QBB00	5603	110ELBADGING&PLATING				C		
H0000	7616	QBB00	5603	110ELBADGING&PLATING	CA	H0000	4794	LOADS 4200-7900				CA		
H0000	7616	QBB00	5603	110ELBADGING&PLATING	CA	H0000	7616	LOADS 4000-7600				CA		
H0000	7620	H0000	7620	LOADS 4800-8500	C	QBB00	6487	120E BADGING&PLATING						C
H0000	7620	QBB00	6487	120E BADGING&PLATING	CA	H0000	4793	LOADS 4550-8500	CT MLC CT MLL				CA	
H0000	7620	QBB00	6487	120E BADGING&PLATING	CA	H0000	7449	LOADS 4400-8480	CT MLC CT MLL				CA	
H0000	7620	QBB00	6487	120E BADGING&PLATING	CA	H0000	7620	LOADS 4800-8500	CT MLC CT MLL				CA	
H0000	7620	QBB00	6487	120E BADGING&PLATING	CA	H0000	14523	LOADS 4480-8480	CT MLC CT MLL				CA	
H0000	7620	H0000	7620	LOADS 4800-8500	E	J0000	7743	MLD CAB (1+6)						E
H0000	7624	H0000	7624	LOADS 5100-9500	E	J0000	7743	MLD CAB (1+6)						E
H0000	14523	H0000	14523	LOADS 4480-8480	C	QBB00	6487	120E BADGING&PLATING						C
H0000	14523	QBB00	6487	120E BADGING&PLATING	CA	H0000	4793	LOADS 4550-8500	CT MLC CT MLL				CA	
H0000	14523	QBB00	6487	120E BADGING&PLATING	CA	H0000	7449	LOADS 4400-8480	CT MLC CT MLL				CA	
H0000	14523	QBB00	6487	120E BADGING&PLATING	CA	H0000	7620	LOADS 4800-8500	CT MLC CT MLL				CA	
H0000	14523	QBB00	6487	120E BADGING&PLATING	CA	H0000	14523	LOADS 4480-8480	CT MLC CT MLL				CA	
H0000	14523	H0000	14523	LOADS 4480-8480	E	J0000	7743	MLD CAB (1+6)						E
H0000	14637	H0000	14637	LOADS 3200-4600	C	QBB00	6484	65E BADGING&PLATING		C				
H0000	14637	QBB00	6484	65E BADGING&PLATING	C	H0000	14637	LOADS 3200-4600		C				
H2500	2073	H2500	2073	MULTILEAF SPRINGS	E	QBB00	6867	190ELBADGING&PLATING						
H2500	2073	H2500	2073	MULTILEAF SPRINGS	C	H0000	7438	LOADS 5300-10700						C
H2500	2073	H2500	2073	MULTILEAF SPRINGS	E	H0000	7354	LOADS 7100-13000						
H2500	2073	H2500	2073	MULTILEAF SPRINGS	E	H0000	7355	LOADS 7500-13000						
H2500	2073	H2500	2073	MULTILEAF SPRINGS	E	H0000	7565	LOADS 7100-12600						
H7000	419	H0000	4793	LOADS 4550-8500	C	H7000	419	DOWNRATED GVW				C	C	
H7000	419	H7000	419	DOWNRATED GVW	C	QBB00	6487	120E BADGING&PLATING					C	
H7000	419	H7000	419	DOWNRATED GVW	C	QBB00	6490	80E BADGING&PLATING			C			
H7000	419	H0000	7449	LOADS 4400-8480	C	H7000	419	DOWNRATED GVW				C	C	
H7000	419	H7000	419	DOWNRATED GVW	E	QBB00	5603	110ELBADGING&PLATING				E		

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
I0000	20600	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	5601	90E BADGING&PLATING			CA			
I0000	20600	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	6490	80E BADGING&PLATING			CA			
I0000	20602	I0000	20602	TYRES 285/70R19.5 (20076)	C	QBB00	6487	120E BADGING&PLATING					C	
J0000	2733	J0000	2733	MLL MR CAB	C	J7500	4406	ELECTRIC ROOF HATCH		C	C	C	C	C
J0000	2733	J0000	2733	MLL MR CAB	E	JAA00	630	ROOF SPOILER		E	E	E	E	E
J0000	2733	J0000	2733	MLL MR CAB	E	NEA00	1540	ROOF ROTATING LIGHTS		E	E	E	E	E
J0000	7743	J0000	7743	MLD CAB (1+6)	E	H0000	4793	LOADS 4550-8500					E	
J0000	7743	J0000	7743	MLD CAB (1+6)	E	H0000	7449	LOADS 4400-8480					E	
J0000	7743	J0000	7743	MLD CAB (1+6)	E	H0000	7620	LOADS 4800-8500					E	
J0000	7743	J0000	7743	MLD CAB (1+6)	E	H0000	7624	LOADS 5100-9500					E	
J0000	7743	J0000	7743	MLD CAB (1+6)	E	H0000	14523	LOADS 4480-8480					E	
J0400	7747	Q1500	6403	TIPPER EQUIPMENT	C	J0400	7747	EASY CLEAN CAB TRIM		C	C		C	C
J1000	697	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
J1000	697	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
J1000	697	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
J1000	697	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
J1000	2714	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
J1000	2714	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
J1000	2714	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
J1000	2714	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
J1500	2746	J1500	2746	REINFORCED CAB	E	J8600	744	CAB REAR WINDOWS			E	E	E	E
J3000	6606	J3500	6637	VINYL DUAL BENCH	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6606	J3500	6637	VINYL DUAL BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3000	6606	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6606	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3000	6606	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6606	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3000	6606	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3000	6606	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3000	6606	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3000	6606	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3000	6606	J5100	7630	VINYL REAR BENCH	CA	J3000	6606	VINYL DRIVER SEAT			CA	CA	CA	
J3000	6606	J5100	7630	VINYL REAR BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT			CA	CA	CA	
J3000	6606	J3000	6606	VINYL DRIVER SEAT	C	J5100	7630	VINYL REAR BENCH			C	C	C	
J3000	6626	J3500	6637	VINYL DUAL BENCH	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6626	J3500	6637	VINYL DUAL BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT						
J3000	6626	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6626	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3000	6626	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3000	6626	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3000	6626	J3000	6626	VINYL AIR DRIV SEAT	C	J5100	7630	VINYL REAR BENCH			C	C	C	
J3000	6626	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3000	6626	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3000	6626	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3000	6626	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3000	6626	J5100	7630	VINYL REAR BENCH	CA	J3000	6606	VINYL DRIVER SEAT			CA	CA	CA	
J3000	6626	J5100	7630	VINYL REAR BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT			CA	CA	CA	
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6610	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6610	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6610	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6610	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	J4500	598	CENTRE PACKAGE TRAY		E	E	E	E	E
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	JDN00	4291	COOL BOX		E	E	E	E	E
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	J5600	4087	LOWER BUNK NET PRO			E	E	E	E
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	JDN00	6695	FRIDGE		E	E	E	E	E
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	J5600	8281	LOWERED BUNKS NET PR		E	E	E	E	E
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	J4500	598	CENTRE PACKAGE TRAY			E			
J3500	6617	J3500	6617	FABRIC DUAL BENCH	E	J5600	4087	LOWER BUNK NET PRO		E				
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6631	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6633	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6634	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6636	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6637	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6637	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6637	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6637	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6637	J3500	6637	VINYL DUAL BENCH	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA



FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
J3500	6637	J3500	6637	VINYL DUAL BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	J4500	598	CENTRE PACKAGE TRAY		E	E	E	E	E
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	JDN00	4291	COOL BOX		E	E	E	E	E
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	JDN00	6695	FRIDGE		E	E	E	E	E
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	J5600	4087	LOWER BUNK NET PRO		E	E	E	E	E
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	J5600	8281	LOWERED BUNKS NET PR			E	E	E	E
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	J4500	598	CENTRE PACKAGE TRAY			E			
J3500	6637	J3500	6637	VINYL DUAL BENCH	E	J5600	8281	LOWERED BUNKS NET PR		E				
J3500	6637	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6637	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6637	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6637	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6640	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3500	6640	J3500	6640	VINYL AIR PASS SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6640	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6640	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6640	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6640	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6641	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6606	VINYL DRIVER SEAT		CA	CA	CA	CA	CA
J3500	6641	J3500	6641	VINYL PASSENGER SEAT	CA	J3000	6626	VINYL AIR DRIV SEAT		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6641	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6641	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6606	VINYL DRIVER SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6637	VINYL DUAL BENCH		CA	CA	CA	CA	CA
J3500	6641	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J3500	6641	J3000	6626	VINYL AIR DRIV SEAT	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6610	WITHOUT PASSENG SEAT		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6631	FABRIC PASS SEAT 3		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6633	FABRIC PASS SEAT 2		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6634	FABRIC AIR PASS SEAT		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6636	FAB AIR PASS SEAT H		CA	CA	CA	CA	CA

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6640	VINYL AIR PASS SEAT		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	CA	J3500	6641	VINYL PASSENGER SEAT		CA	CA	CA	CA	CA
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	J3500	6617	FABRIC DUAL BENCH			E			
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	J3500	6637	VINYL DUAL BENCH			E			
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	JDN00	4291	COOL BOX		E	E	E	E	E
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	JDN00	6695	FRIDGE		E	E	E	E	E
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	J3500	6617	FABRIC DUAL BENCH		E	E	E	E	E
J4500	598	J4500	598	CENTRE PACKAGE TRAY	E	J3500	6637	VINYL DUAL BENCH		E	E	E	E	E
J5100	7630	J3000	6606	VINYL DRIVER SEAT	C	J5100	7630	VINYL REAR BENCH			C	C	C	
J5100	7630	J3000	6626	VINYL AIR DRIV SEAT	C	J5100	7630	VINYL REAR BENCH			C	C	C	
J5100	7630	J5100	7630	VINYL REAR BENCH	CA	J3000	6606	VINYL DRIVER SEAT			CA	CA	CA	
J5100	7630	J5100	7630	VINYL REAR BENCH	CA	J3000	6626	VINYL AIR DRIV SEAT			CA	CA	CA	
J5600	4087	J5600	4087	LOWER BUNK NET PRO	C	J8400	693	ELECTRIC WINDOWS		C	C	C	C	C
J5600	4087	J5600	4087	LOWER BUNK NET PRO	C	J7500	4406	ELECTRIC ROOF HATCH		C	C	C	C	C
J5600	4087	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	4291	COOL BOX		CA	CA	CA	CA	CA
J5600	4087	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	6695	FRIDGE		CA	CA	CA	CA	CA
J5600	4087	J5600	4087	LOWER BUNK NET PRO	E	J3500	6617	FABRIC DUAL BENCH		E				
J5600	4087	J5600	4087	LOWER BUNK NET PRO	E	J3500	6617	FABRIC DUAL BENCH			E	E	E	E
J5600	4087	J5600	4087	LOWER BUNK NET PRO	E	J3500	6637	VINYL DUAL BENCH		E	E	E	E	E
J5600	4087	JDN00	4291	COOL BOX	C	J5600	4087	LOWER BUNK NET PRO		C	C	C	C	C
J5600	4087	JDN00	6695	FRIDGE	C	J5600	4087	LOWER BUNK NET PRO		C	C	C	C	C
J5600	8281	J5600	8281	LOWERED BUNKS NET PR	E	J3500	6637	VINYL DUAL BENCH		E				
J5600	8281	J5600	8281	LOWERED BUNKS NET PR	E	J3500	6637	VINYL DUAL BENCH			E	E	E	E
J5600	8281	J5600	8281	LOWERED BUNKS NET PR	E	J3500	6617	FABRIC DUAL BENCH		E	E	E	E	E
J7500	4406	J0000	2733	MLL MR CAB	C	J7500	4406	ELECTRIC ROOF HATCH		C	C	C	C	C
J7500	4406	J5600	4087	LOWER BUNK NET PRO	C	J7500	4406	ELECTRIC ROOF HATCH		C	C	C	C	C
J8400	693	J5600	4087	LOWER BUNK NET PRO	C	J8400	693	ELECTRIC WINDOWS		C	C	C	C	C
J8600	744	J8600	744	CAB REAR WINDOWS	E	J1500	2746	REINFORCED CAB			E	E	E	E
J8800	8092	J8800	8092	REMOTE CENTRAL LOCK.	E	Q1510	2342	ADR EQUIPMENT		E	E	E	E	E
JAA00	630	JAA00	630	ROOF SPOILER	E	NEA00	1540	ROOF ROTATING LIGHTS		E	E	E	E	E
JAA00	630	JAA00	630	ROOF SPOILER	E	J0000	2733	MLL MR CAB		E	E	E	E	E
JAN00	6656	QAN00	6400	SUB-ARTIC (-30°C)	C	JAN00	6656	INDIPEND. CAB HEATER		C	C	C	C	C
JBN00	2650	JBN00	2650	MANUAL AIR CONDITION	E	QAN00	2373	HOT COUNTRY ADAPT.	EP 220 E4		E	E		
JDN00	4291	JDN00	4291	COOL BOX	C	J5600	4087	LOWER BUNK NET PRO		C	C	C	C	C
JDN00	4291	JDN00	4291	COOL BOX	E	J4500	598	CENTRE PACKAGE TRAY		E	E	E	E	E
JDN00	4291	JDN00	4291	COOL BOX	E	J3500	6617	FABRIC DUAL BENCH		E	E	E	E	E
JDN00	4291	JDN00	4291	COOL BOX	E	J3500	6637	VINYL DUAL BENCH		E	E	E	E	E
JDN00	4291	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	4291	COOL BOX		CA	CA	CA	CA	CA
JDN00	4291	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	6695	FRIDGE		CA	CA	CA	CA	CA
JDN00	6695	JDN00	6695	FRIDGE	C	J5600	4087	LOWER BUNK NET PRO		C	C	C	C	C
JDN00	6695	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	4291	COOL BOX		CA	CA	CA	CA	CA
JDN00	6695	J5600	4087	LOWER BUNK NET PRO	CA	JDN00	6695	FRIDGE		CA	CA	CA	CA	CA
JDN00	6695	JDN00	6695	FRIDGE	E	J3500	6617	FABRIC DUAL BENCH		E	E	E	E	E
JDN00	6695	JDN00	6695	FRIDGE	E	J3500	6637	VINYL DUAL BENCH		E	E	E	E	E
JDN00	6695	JDN00	6695	FRIDGE	E	J4500	598	CENTRE PACKAGE TRAY		E	E	E	E	E
JFN00	8818	Q1510	2342	ADR EQUIPMENT	C	JFN00	8818	ADR DIGITAL TACHO		C	C	C	C	C
JKC00	2463	E1000	6392	SIDE PTO SLOW PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
JKC00	2463	E1000	6393	SIDE PTO FAST PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
JKC00	2463	E1500	6384	REAR PTO PUMP	C	JKC00	2463	CRUISE CONTROL		C	C	C	C	C
JKC00	2463	E1600	2395	MULTIPOWER PTO	C	JKC00	2463	CRUISE CONTROL						C
LAA00	2182	LAA00	2182	LH SIDE EXHAUST PIPE	E	QBC00	6425	LHD/LHD CIRCULATION		E	E	E	E	E

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
LAA00	2182	LAA00	2182	LH SIDE EXHAUST PIPE	E	QBC00	6437	RHD/LHD CIRCULATION		E	E	E	E	E
LAL00	3191	LAL00	3191	SNORKEL AIR INTAKE	C	LAP00	8293	REAR CAB AIR FILTER	CT MLC	C	C			
LAL00	3191	LAP00	8293	REAR CAB AIR FILTER	C	LAL00	3191	SNORKEL AIR INTAKE	CT MLC	C	C			
LAL00	3191	LAL00	3191	SNORKEL AIR INTAKE	C	LAP00	8293	REAR CAB AIR FILTER	CT MLC DR SX			C	C	C
LAL00	3191	LAP00	8293	REAR CAB AIR FILTER	C	LAL00	3191	SNORKEL AIR INTAKE	CT MLC DR SX			C	C	C
LAP00	8293	LAL00	3191	SNORKEL AIR INTAKE	C	LAP00	8293	REAR CAB AIR FILTER	CT MLC	C	C			
LAP00	8293	LAP00	8293	REAR CAB AIR FILTER	C	LAL00	3191	SNORKEL AIR INTAKE	CT MLC	C	C			
LAP00	8293	LAL00	3191	SNORKEL AIR INTAKE	C	LAP00	8293	REAR CAB AIR FILTER	CT MLC DR SX			C	C	C
LAP00	8293	LAP00	8293	REAR CAB AIR FILTER	C	LAL00	3191	SNORKEL AIR INTAKE	CT MLC DR SX			C	C	C
LNP10	8277	QAN00	851	COLD COUNTRY (-25°C)	C	LNP10	8277	HEATED UREA TANK		C	C	C	C	C
LNP10	8277	QAN00	6400	SUB-ARTIC (-30°C)	C	LNP10	8277	HEATED UREA TANK		C	C	C	C	C
LQA00	2289	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
LQA00	2289	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
LQA00	2289	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
LQA00	2289	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
LQA00	6883	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
LQA00	6883	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
LQA00	6883	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
LQA00	6883	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
MFA00	2096	QAN00	851	COLD COUNTRY (-25°C)	C	MFA00	2096	WITHOUT AIR DRYER		C	C	C	C	C
MFA00	2096	QAN00	6400	SUB-ARTIC (-30°C)	C	MFA00	2096	WITHOUT AIR DRYER		C	C	C	C	C
MNE00	4113	MNF00	4115	PROV. REAR ECAS CONT	C	MNE00	4113	ELECT. TAILLIFT PROV		C	C	C	C	C
MNF00	4115	MNF00	4115	PROV. REAR ECAS CONT	C	MNE00	4113	ELECT. TAILLIFT PROV		C	C	C	C	C
MPC00	1473	P1500	430	DRAWBAR R VERSION	CA	MPC00	1473	7 PIN TRAILER PLUG		CA	CA	CA	CA	CA
MPC00	1473	P1500	430	DRAWBAR R VERSION	CA	MPC00	2085	15 PIN TRAILER PLUG		CA	CA	CA	CA	CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7		C				
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6150	CROSS MEMBER D=100						
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7	GT 6M			C	C	C
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4 GT 9M					CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4 GT 9M					CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4 GT 9M					CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPC00	1473	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPC00	2085	P1500	430	DRAWBAR R VERSION	CA	MPC00	1473	7 PIN TRAILER PLUG		CA	CA	CA	CA	CA
MPC00	2085	P1500	430	DRAWBAR R VERSION	CA	MPC00	2085	15 PIN TRAILER PLUG		CA	CA	CA	CA	CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7		C				
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6150	CROSS MEMBER D=100						
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4					CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4					CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4					CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7	GT 6M			C	C	C

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPC00	2085	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA	CA	CA	
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA	CA	CA	
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA	CA	CA	
MPD00	6526	MPD00	6526	12V TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7		C				
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100						CA
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7						CA
MPD00	6526	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120						CA
MPN00	2575	MPN00	2575	70 AH BATTERIES	E	QAN00	851	COLD COUNTRY (-25°C)		E				
MPN00	2575	MPN00	2575	70 AH BATTERIES	E	QAN00	6400	SUB-ARTIC (-30°C)		E				
NBA00	2558	QAN00	851	COLD COUNTRY (-25°C)	C	NBA00	2558	HEADLAMP WASHERS		C	C	C	C	C
NBA00	2558	QAN00	6400	SUB-ARTIC (-30°C)	C	NBA00	2558	HEADLAMP WASHERS		C	C	C	C	C
NEA00	1540	NEA00	1540	ROOF ROTATING LIGHTS	E	JAA00	630	ROOF SPOILER		E	E	E	E	E
NEA00	1540	NEA00	1540	ROOF ROTATING LIGHTS	E	J0000	2733	MLL MR CAB		E	E	E	E	E
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA	CA	CA	
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA	CA	CA	
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA	CA	CA	
P0000	3158	P0000	3158	CA CROS MEMBER D=100	E	P0500	5150	CA HOOK 40mm D=120			E	E	E	E
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4					CA
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4					CA
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4					CA
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4 GT 9M					CA
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4 GT 9M					CA
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4 GT 9M					CA
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	3158	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	3158	P0000	3158	CA CROS MEMBER D=100	E	P0500	3150	HOOK 50mm D=70			E	E	E	E
P0000	3158	P0000	3158	CA CROS MEMBER D=100	E	P0500	5153	HOOK 40mm D=70			E	E	E	E
P0000	3158	P0000	3158	CA CROS MEMBER D=100	E	P0500	3151	HOOK 50mm D=100						E
P0000	3158	P0000	3158	CA CROS MEMBER D=100	E	P0500	5154	HOOK 40mm D=100						E
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	3158	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100						CA
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7						CA
P0000	3158	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120						CA
P0000	6150	P0000	6150	CROSS MEMBER D=100	E	P0500	3150	HOOK 50mm D=70						E
P0000	6150	P0000	6150	CROSS MEMBER D=100	E	P0500	3153	CA HOOK 40mm D=100						E
P0000	6150	P0000	6150	CROSS MEMBER D=100	E	P0500	5150	CA HOOK 40mm D=120						E
P0000	6150	P0000	6150	CROSS MEMBER D=100	E	P0500	5153	HOOK 40mm D=70						E
P0000	6150	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100						CA
P0000	6150	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA
P0000	6150	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7						CA
P0000	6150	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120						CA
P0000	6150	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6150	CROSS MEMBER D=100						
P0000	6150	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6150	CROSS MEMBER D=100						
P0000	6150	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6150	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6150	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6150	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6150	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6150	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4 GT 9M					CA
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4 GT 9M					CA
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4 GT 9M					CA
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7	GT 6M			C	C	C
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100						CA
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7						CA
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120						CA
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7			C			
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7			C			
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7	GT 6M			C	C	C
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4					CA
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4					CA
P0000	6153	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4					CA
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA	CA	CA	
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA	CA	CA	
P0000	6153	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA	CA	CA	
P0000	6153	MPD00	6526	12V TRAILER PLUG	C	P0000	6153	CROSS MEMBER D=7			C			
P0000	6153	P0000	6153	CROSS MEMBER D=7	E	P0500	5154	HOOK 40mm D=100						E
P0000	6153	P0000	6153	CROSS MEMBER D=7	E	P0500	3151	HOOK 50mm D=100						E
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	6153	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	6153	P0000	6153	CROSS MEMBER D=7	E	P0500	5150	CA HOOK 40mm D=120			E	E	E	E

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0000	6153	P0000	6153	CROSS MEMBER D=7	E	P0500	3153	CA HOOK 40mm D=100			E	E	E	E
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA	CA	CA	
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA	CA	CA	
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA	CA	CA	
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100			CA			
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7			CA			
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120			CA			
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100						CA
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100						CA
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7						CA
P0000	6154	MPD00	6526	12V TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120						CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4					CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4					CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	GT 9M			CA	CA	
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	GT 9M			CA	CA	
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	GT 9M			CA	CA	
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 180 E4 GT 9M					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6153	CROSS MEMBER D=7	EP 180 E4 GT 9M					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 180 E4 GT 9M					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	MPC00	1473	7 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	3158	CA CROS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6150	CROSS MEMBER D=100	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	MPC00	2085	15 PIN TRAILER PLUG	CA	P0000	6154	CA CROS MEMBER D=120	EP 250 E4 EP 280 E4 EP 300 E4 GT 9M					CA
P0000	6154	P0000	6154	CA CROS MEMBER D=120	E	P0500	3153	CA HOOK 40mm D=100			E	E	E	E
P0000	6154	P0000	6154	CA CROS MEMBER D=120	E	P0500	5153	HOOK 40mm D=70			E	E	E	E
P0000	6154	P0000	6154	CA CROS MEMBER D=120	E	P0500	3150	HOOK 50mm D=70			E	E	E	E
P0000	6154	P0000	6154	CA CROS MEMBER D=120	E	P0500	3151	HOOK 50mm D=100						E
P0000	6154	P0000	6154	CA CROS MEMBER D=120	E	P0500	5154	HOOK 40mm D=100						E
P0500	3150	P0500	3150	HOOK 50mm D=70	C	P1500	430	DRAWBAR R VERSION		C	C	C	C	C
P0500	3150	P0500	3150	HOOK 50mm D=70	CA	P0600	7805	ROCKINGER TOW HOOK		CA	CA	CA	CA	CA
P0500	3150	P0500	3150	HOOK 50mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	3150	P0500	3150	HOOK 50mm D=70	E	P0000	6154	CA CROS MEMBER D=120			E	E	E	E
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	3150	P0500	3150	HOOK 50mm D=70	E	P0000	3158	CA CROS MEMBER D=100			E	E	E	E
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3150	P0500	3150	HOOK 50mm D=70	CA	PAN00	166	TUBULAR REAR BUMPER		CA				
P0500	3150	P0500	3150	HOOK 50mm D=70	CA	PAN00	169	DELETE REAR BUMPER		CA				
P0500	3150	P0500	3150	HOOK 50mm D=70	E	P0000	6150	CROSS MEMBER D=100						E
P0500	3151	P0500	3151	HOOK 50mm D=100	E	P0000	6153	CROSS MEMBER D=7						E
P0500	3151	P0500	3151	HOOK 50mm D=100	E	P0000	6154	CA CROS MEMBER D=120						E
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3151	P0500	3151	HOOK 50mm D=100	E	P0000	3158	CA CROS MEMBER D=100						E
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						
P0500	3151	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						
P0500	3151	P0500	3151	HOOK 50mm D=100	C	P1500	430	DRAWBAR R VERSION						C
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						
P0500	3151	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						
P0500	3151	P0500	3151	HOOK 50mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0500	3151	P0500	3151	HOOK 50mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0500	3153	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0500	3153	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3153	P0500	3153	CA HOOK 40mm D=100	C	P1500	430	DRAWBAR R VERSION			C	C	C	C
P0500	3153	P0500	3153	CA HOOK 40mm D=100	E	P0000	6153	CROSS MEMBER D=7			E	E	E	E
P0500	3153	P0500	3153	CA HOOK 40mm D=100	E	P0000	6154	CA CROS MEMBER D=120			E	E	E	E

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	3153	P0500	3153	CA HOOK 40mm D=100	E	P0000	6150	CROSS MEMBER D=100						E
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	3153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	3153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	5150	P0500	5150	CA HOOK 40mm D=120	C	P1500	430	DRAWBAR R VERSION			C	C	C	C
P0500	5150	P0500	5150	CA HOOK 40mm D=120	E	P0000	3158	CA CROS MEMBER D=100			E	E	E	E
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	5150	P0500	5150	CA HOOK 40mm D=120	E	P0000	6150	CROSS MEMBER D=100						E
P0500	5150	P0500	5150	CA HOOK 40mm D=120	E	P0000	6153	CROSS MEMBER D=7			E	E	E	E
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	5150	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5150	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5150	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0500	5150	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0500	5153	P0500	5153	HOOK 40mm D=70	E	P0000	6150	CROSS MEMBER D=100						E
P0500	5153	P0500	5153	HOOK 40mm D=70	CA	P0600	7805	ROCKINGER TOW HOOK		CA	CA	CA	CA	CA
P0500	5153	P0500	5153	HOOK 40mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0500	5153	P0500	5153	HOOK 40mm D=70	C	P1500	430	DRAWBAR R VERSION		C	C	C	C	C
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA



FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0500	5153	P0500	5153	HOOK 40mm D=70	E	P0000	3158	CA CROS MEMBER D=100			E	E	E	E
P0500	5153	P0500	5153	HOOK 40mm D=70	E	P0000	6154	CA CROS MEMBER D=120			E	E	E	E
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0500	5153	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=100						CA
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5153	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5154	P0500	5154	HOOK 40mm D=100	C	P1500	430	DRAWBAR R VERSION						C
P0500	5154	P0500	5154	HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0500	5154	P0500	5154	HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5154	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0500	5154	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0500	5154	P0500	5154	HOOK 40mm D=100	E	P0000	3158	CA CROS MEMBER D=100						E
P0500	5154	P0500	5154	HOOK 40mm D=100	E	P0000	6153	CROSS MEMBER D=7						E
P0500	5154	P0500	5154	HOOK 40mm D=100	E	P0000	6154	CA CROS MEMBER D=120						E
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						
P0600	7805	P0500	3150	HOOK 50mm D=70	CA	P0600	7805	ROCKINGER TOW HOOK		CA	CA	CA	CA	CA
P0600	7805	P0500	3150	HOOK 50mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0600	7805	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0600	7805	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0600	7805	P0500	5154	HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0600	7805	P0500	5154	HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0600	7805	P0500	3151	HOOK 50mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0600	7805	P0500	3151	HOOK 50mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0600	7805	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0600	7805	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0600	7805	P0600	7805	ROCKINGER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0600	7805	P0500	5153	HOOK 40mm D=70	CA	P0600	7805	ROCKINGER TOW HOOK		CA	CA	CA	CA	CA
P0600	7805	P0500	5153	HOOK 40mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0600	7806	P0500	5153	HOOK 40mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70			CA	CA	CA	
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100			CA	CA	CA	
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120			CA	CA	CA	
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70			CA	CA	CA	
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70		CA				
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70		CA				
P0600	7806	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0600	7806	P0500	3153	CA HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0600	7806	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7805	ROCKINGER TOW HOOK			CA	CA	CA	CA
P0600	7806	P0500	5150	CA HOOK 40mm D=120	CA	P0600	7806	RINGFEDER TOW HOOK			CA	CA	CA	CA
P0600	7806	P0500	3150	HOOK 50mm D=70	CA	P0600	7805	ROCKINGER TOW HOOK		CA	CA	CA	CA	CA
P0600	7806	P0500	3150	HOOK 50mm D=70	CA	P0600	7806	RINGFEDER TOW HOOK		CA	CA	CA	CA	CA
P0600	7806	P0500	3151	HOOK 50mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0600	7806	P0500	3151	HOOK 50mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0600	7806	P0500	5154	HOOK 40mm D=100	CA	P0600	7805	ROCKINGER TOW HOOK						CA
P0600	7806	P0500	5154	HOOK 40mm D=100	CA	P0600	7806	RINGFEDER TOW HOOK						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3150	HOOK 50mm D=70						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3153	CA HOOK 40mm D=100						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5150	CA HOOK 40mm D=120						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5153	HOOK 40mm D=70						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	3151	HOOK 50mm D=100						CA
P0600	7806	P0600	7806	RINGFEDER TOW HOOK	CA	P0500	5154	HOOK 40mm D=100						CA
P1500	430	P0500	3150	HOOK 50mm D=70	C	P1500	430	DRAWBAR R VERSION		C	C	C	C	C
P1500	430	P0500	5153	HOOK 40mm D=70	C	P1500	430	DRAWBAR R VERSION		C	C	C	C	C
P1500	430	P0500	3153	CA HOOK 40mm D=100	C	P1500	430	DRAWBAR R VERSION			C	C	C	C
P1500	430	P0500	5150	CA HOOK 40mm D=120	C	P1500	430	DRAWBAR R VERSION			C	C	C	C
P1500	430	P1500	430	DRAWBAR R VERSION	CA	MPC00	1473	7 PIN TRAILER PLUG		CA	CA	CA	CA	CA
P1500	430	P1500	430	DRAWBAR R VERSION	CA	MPC00	2085	15 PIN TRAILER PLUG		CA	CA	CA	CA	CA
P1500	430	P0500	3151	HOOK 50mm D=100	C	P1500	430	DRAWBAR R VERSION						C
P1500	430	P0500	5154	HOOK 40mm D=100	C	P1500	430	DRAWBAR R VERSION						C

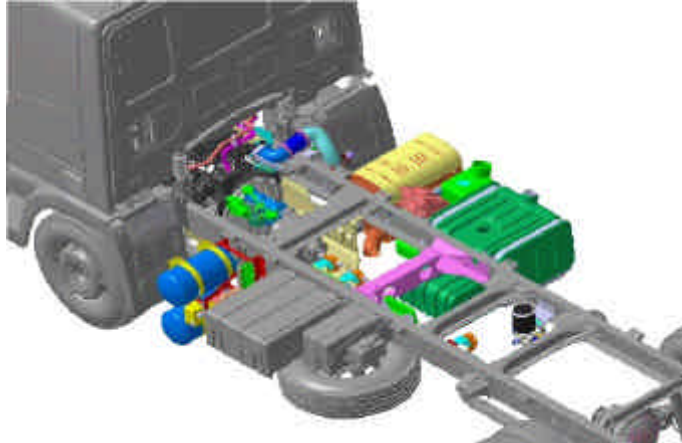
FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
PAA00	160	PAA00	160	STEEL FRONT BUMPER	E	QDM00	4106	CAB COLOR BUMP& MUDG		E	E	E	E	E
PAN00	166	P0500	3150	HOOK 50mm D=70	CA	PAN00	166	TUBULAR REAR BUMPER		CA				
PAN00	166	P0500	3150	HOOK 50mm D=70	CA	PAN00	169	DELETE REAR BUMPER		CA				
PAN00	169	P0500	3150	HOOK 50mm D=70	CA	PAN00	166	TUBULAR REAR BUMPER		CA				
PAN00	169	P0500	3150	HOOK 50mm D=70	CA	PAN00	169	DELETE REAR BUMPER		CA				
PAN10	2198	QBB00	5600	80E BADGING&PLATING	C	PAN10	2198	FRONT U/RUN PROTECT		C				
PFA00	191	Q1500	6403	TIPPER EQUIPMENT	C	PFA00	191	RADIATOR GUARD		C	C		C	C
PFA00	191	QAN00	851	COLD COUNTRY (-25°C)	C	PFA00	191	RADIATOR GUARD		C	C	C	C	C
PFA00	191	QAN00	6400	SUB-ARTIC (-30°C)	C	PFA00	191	RADIATOR GUARD		C	C	C	C	C
Q1500	6403	Q1500	6403	TIPPER EQUIPMENT	C	PFA00	191	RADIATOR GUARD		C	C		C	C
Q1500	6403	Q1500	6403	TIPPER EQUIPMENT	C	J0400	7747	EASY CLEAN CAB TRIM		C	C		C	C
Q1500	6403	Q1500	6403	TIPPER EQUIPMENT	E	QBB00	6867	190ELBADGING&PLATING						
Q1510	2342	Q1510	2342	ADR EQUIPMENT	E	J8800	8092	REMOTE CENTRAL LOCK.		E	E	E	E	E
Q1510	2342	Q1510	2342	ADR EQUIPMENT	C	JFN00	8818	ADR DIGITAL TACHO		C	C	C	C	C
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	C	LNP10	8277	HEATED UREA TANK		C	C	C	C	C
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	E	MPN00	2575	70 AH BATTERIES		E				
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	C	PFA00	191	RADIATOR GUARD		C	C	C	C	C
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	C	NBA00	2558	HEADLAMP WASHERS		C	C	C	C	C
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
QAN00	851	QAN00	851	COLD COUNTRY (-25°C)	C	MFA00	2096	WITHOUT AIR DRYER		C	C	C	C	C
QAN00	2373	QAN00	2373	HOT COUNTRY ADAPT.	E	JBN00	2650	MANUAL AIR CONDITION	EP 220 E4		E	E		
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	C	PFA00	191	RADIATOR GUARD		C	C	C	C	C
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	C	MFA00	2096	WITHOUT AIR DRYER		C	C	C	C	C
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	C	JAN00	6656	INDIPEND. CAB HEATER		C	C	C	C	C
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	C	NBA00	2558	HEADLAMP WASHERS		C	C	C	C	C
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	697	HEATED MIRRORS		CA	CA	CA	CA	CA
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	CA	J1000	2714	HTD ELEC. AD MIRRORS		CA	CA	CA	CA	CA
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	2289	HEATED PREFILTER		CA	CA	CA	CA	CA
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	CA	LQA00	6883	RACOR HEATED FILTER		CA	CA	CA	CA	CA
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	C	LNP10	8277	HEATED UREA TANK		C	C	C	C	C
QAN00	6400	QAN00	6400	SUB-ARTIC (-30°C)	E	MPN00	2575	70 AH BATTERIES		E				
QBB00	5600	QBB00	5600	80E BADGING&PLATING	C	PAN10	2198	FRONT U/RUN PROTECT		C				
QBB00	5600	QBB00	5600	80E BADGING&PLATING	CA	H0000	7561	LOADS 3600-5400		CA				
QBB00	5600	QBB00	5600	80E BADGING&PLATING	CA	H0000	7562	LOADS 3400-5400		CA				
QBB00	5600	H0000	7561	LOADS 3600-5400	C	QBB00	5600	80E BADGING&PLATING		C				
QBB00	5600	H0000	7562	LOADS 3400-5400	C	QBB00	5600	80E BADGING&PLATING		C				
QBB00	5601	H0000	4787	LOADS 3400-6300	C	QBB00	5601	90E BADGING&PLATING			C			
QBB00	5601	H0000	7596	LOADS 3600-6300	C	QBB00	5601	90E BADGING&PLATING			C			
QBB00	5601	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	5601	90E BADGING&PLATING			CA			
QBB00	5601	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	6490	80E BADGING&PLATING			CA			
QBB00	5601	QBB00	5601	90E BADGING&PLATING	CA	H0000	4787	LOADS 3400-6300			CA			
QBB00	5601	QBB00	5601	90E BADGING&PLATING	CA	H0000	7596	LOADS 3600-6300			CA			
QBB00	5603	H0000	4794	LOADS 4200-7900	C	QBB00	5603	110ELBADGING&PLATING				C		
QBB00	5603	H0000	7616	LOADS 4000-7600	C	QBB00	5603	110ELBADGING&PLATING				C		
QBB00	5603	QBB00	5603	110ELBADGING&PLATING	CA	H0000	4794	LOADS 4200-7900				CA		
QBB00	5603	QBB00	5603	110ELBADGING&PLATING	CA	H0000	7616	LOADS 4000-7600				CA		
QBB00	5603	QBB00	5603	110ELBADGING&PLATING	E	H7000	419	DOWNRATED GVW				E		
QBB00	5604	H0000	4793	LOADS 4550-8500	C	QBB00	5604	120ELBADGING&PLATING				C		

FCS	CCP	FCS 1	OPT 1	DESCR OPT 1	RULE	FCS 2	OPT 2	DESCR OPT 2	FCP/FGC	E75	E100	E120	E140	E160
QBB00	5604	H0000	7429	LOADS 4600-8500	C	QBB00	5604	120ELBADGING&PLATING				C		
QBB00	5604	H0000	7449	LOADS 4400-8480	C	QBB00	5604	120ELBADGING&PLATING				C		
QBB00	5607	H0000	7438	LOADS 5300-10700	C	QBB00	5607	150E BADGING&PLATING						C
QBB00	5607	QBB00	5607	150E BADGING&PLATING	C	H0000	7438	LOADS 5300-10700						C
QBB00	6484	QBB00	6484	65E BADGING&PLATING	C	H0000	14637	LOADS 3200-4600		C				
QBB00	6484	H0000	14637	LOADS 3200-4600	C	QBB00	6484	65E BADGING&PLATING		C				
QBB00	6485	H0000	7422	LOADS 2900-4000	C	QBB00	6485	60E BADGING&PLATING		C				
QBB00	6485	QBB00	6485	60E BADGING&PLATING	C	H0000	7422	LOADS 2900-4000		C				
QBB00	6487	H0000	4793	LOADS 4550-8500	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	H0000	14523	LOADS 4480-8480	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	QBB00	6487	120E BADGING&PLATING	C	H0000	7433	LOADS 4800-9200	CT MLD				C	
QBB00	6487	H0000	7433	LOADS 4800-9200	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	H0000	7620	LOADS 4800-8500	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	H0000	7449	LOADS 4400-8480	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	QBB00	6487	120E BADGING&PLATING	CA	H0000	4793	LOADS 4550-8500	CT MLC CT MLL				CA	
QBB00	6487	QBB00	6487	120E BADGING&PLATING	CA	H0000	7449	LOADS 4400-8480	CT MLC CT MLL				CA	
QBB00	6487	QBB00	6487	120E BADGING&PLATING	CA	H0000	7620	LOADS 4800-8500	CT MLC CT MLL				CA	
QBB00	6487	QBB00	6487	120E BADGING&PLATING	CA	H0000	14523	LOADS 4480-8480	CT MLC CT MLL				CA	
QBB00	6487	I0000	20602	TYRES 285/70R19.5 (20076)	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6487	H7000	419	DOWNRATED GVW	C	QBB00	6487	120E BADGING&PLATING					C	
QBB00	6490	H0000	7552	LOADS 3600-5800	C	QBB00	6490	80E BADGING&PLATING			C			
QBB00	6490	H0000	7426	LOADS 3400-5800	C	QBB00	6490	80E BADGING&PLATING			C			
QBB00	6490	QBB00	6490	80E BADGING&PLATING	CA	H0000	7426	LOADS 3400-5800			CA			
QBB00	6490	QBB00	6490	80E BADGING&PLATING	CA	H0000	7552	LOADS 3600-5800			CA			
QBB00	6490	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	5601	90E BADGING&PLATING			CA			
QBB00	6490	I0000	20600	TYRES 225/75R17.5 (20028)	CA	QBB00	6490	80E BADGING&PLATING			CA			
QBB00	6490	H7000	419	DOWNRATED GVW	C	QBB00	6490	80E BADGING&PLATING			C			
QBB00	6867	H0000	7354	LOADS 7100-13000	C	QBB00	6867	190ELBADGING&PLATING						
QBB00	6867	H0000	7355	LOADS 7500-13000	C	QBB00	6867	190ELBADGING&PLATING						
QBB00	6867	H0000	7565	LOADS 7100-12600	C	QBB00	6867	190ELBADGING&PLATING						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7354	LOADS 7100-13000						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7355	LOADS 7500-13000						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	CA	H0000	7565	LOADS 7100-12600						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	E	H0000	7352	LOADS 7500-11500						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	E	H0000	7498	LOADS 7100-12000						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	E	H2500	2073	MULTILEAF SPRINGS						
QBB00	6867	QBB00	6867	190ELBADGING&PLATING	E	Q1500	6403	TIPPER EQUIPMENT						
QBC00	6425	QBC00	6425	LHD/LHD CIRCULATION	E	LAA00	2182	LH SIDE EXHAUST PIPE		E	E	E	E	E
QBC00	6437	QBC00	6437	RHD/LHD CIRCULATION	E	LAA00	2182	LH SIDE EXHAUST PIPE		E	E	E	E	E
QDM00	4106	QDM00	4106	CAB COLOR BUMP& MUDG	E	PAA00	160	STEEL FRONT BUMPER		E	E	E	E	E



## CHAPTER 5

### VCB CODING



#### **EUROCARGO EURO4 VCB CODING GUIDELINES**

**60E.. / 65E.. / 75E.. / 80EL.. - MLC, MLL**

**80E.. / 90E.. / 100E.. - MLC, MLL**

**80E.. / 90E.. / 100E.. - MLD**

**110EL.. / 120EL.. - MLC, MLL**

**110EL.. / 120EL.. - MLD**

**120E.. / 130E.. / 140E.. - MLC, MLL**

**120E.. / 130E.. / 140E.. - MLD**

**120E.. / 130E.. / 140E.. - Automatic Gearbox**

**150E../160E.. - MLC, MLL**

**150E.. /160E.. - MLC, MLL Automatic Gearbox**

**180E.. / 190EL.. - MLC, MLL**

**180E.. / 190EL - MLC, MLL Automatic Gearbox**

**100E.. 4x4 - MLC**

**140E.. 4x4 - MLC**

**150E..R-sw - 160E..R-sw - MLC**

## EUROCARGO EURO4 4x2 VCB CODING GUIDELINES

FCP	FGC	A A A B B C C D								E75	E100	E120	E140	E160	E180	
		VCB →								B	B	C	C	C	J	
		VCB →								J	L	J	K	M	J	
MT	6,0 - 8,0 TONS	B	J							X	-	-	-	-	-	
G. V. W.	7,5 - 10 TONS		L								-	X	-	-	-	-
	11 - 12 TONS		J								-	-	X	-	-	-
	12 - 14 TONS		C	K							-	-	-	X	-	-
	15 - 16 TONS			M								-	-	-	-	X
	18 - 19 TONS		J	J							-	-	-	-	-	X
EP	140 cv		M							X	-	-	-	-	-	
Engine power	160 cv		N							X	-	-	-	-	-	
	180 cv		R							X	X	X	X	X	-	
	220 cv		S							-	X	X	X	X	-	
	250 cv		T							-	-	-	X	X	X	
	280 cv		U							-	-	-	X	X	X	
	300 cv		V							-	-	-	-	X	X	
CA+SU+US	4X2 - MECHANICAL - STANDARD				A					X	X	X	X	X	X	
Axles Configuration	4X2 - PNEUMATIC - STANDARD				B					X	X	X	X	X	X	
Suspension Type - Use	4X2 - FULL PNEUMATIC - STANDARD				C					-	X	-	X	X	-	
VE	STANDARD (CAB-MK1)						C			X	X	X	X	X	X	
Version	6+1 CREWCAB (6+1 MK1)						E			-	X	X	X	-	-	
	ROAD-SWEEPER (RSW-MK1)						7			-	-	-	-	X	-	
WB	3105 mm						X			2	2	2	2	2	-	
Wheelbase	3330 mm						X			3	3	3	-	-	-	
	3690 mm						X			4	4	4	4	4	4	
	4185 mm						X			5	5	5	5	5	5	
	4455 mm						X			6	6	6	6	6	-	
	4590 mm						X			-	-	-	-	-	6	
	4815 mm						X			7	7	7	7	7	7	
	5175 mm						X			-	-	-	8	8	8	
	5670 mm						X			-	-	-	9	9	9	
	6210 mm						X			-	-	-	-	-	A	
	6570 mm						X			-	-	-	B	B	B	
	GT	5 SPEEDS									-	TO BE DEFINED				
	Gearbox Type	6 SPEEDS									D	X	X	X	X	X
9 SPEEDS										G	-	X	X	X	X	
AUTOMATIC										T	-	-	-	X	X	
CT+DR+TF*	MLC - SX - DISC / DISC									1	X	X	X	X	X	
Cab Type	MLL - SX - DISC / DISC									2	X	X	X	X	X	
	MLD - SX - DISC / DISC									4	-	X	X	X	-	
Drive	MLC - DX - DISC / DISC									A	X	X	X	X	X	
	MLL - DX - DISC / DISC									B	X	X	X	X	X	
	MLD - DX - DISC / DISC									D	-	X	X	X	-	

## VCBs for ML60E14 / ML65E14 / ML75E14

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E14</b>  <b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJMAC2D1	BJMAC2DA	MLC	2855B.6	3105	5833/1	450617
	BJMAC3D1	BJMAC3DA	MLC	2855B.6	3330	5833/1	450617
	BJMAC4D1	BJMAC4DA	MLC	2855B.6	3690	5833/1	450617
	BJMAC5D1	BJMAC5DA	MLC	2855B.6	4185	5833/1	450617
	BJMAC6D1	BJMAC6DA	MLC	2855B.6	4455	5833/1	450617
	BJMAC7D1	BJMAC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJMAC4D2	BJMAC4DB	MLL	2855B.6	3690	5833/1	450617
	BJMAC5D2	BJMAC5DB	MLL	2855B.6	4185	5833/1	450617
	BJMAC6D2	BJMAC6DB	MLL	2855B.6	4455	5833/1	450617
	BJMAC7D2	BJMAC7DB	MLL	2855B.6	4815	5833/1	450617

## VCBs for ML60E14 / ML65E14 / ML75E14

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E14 /P</b>  <b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJMBC2D1	BJMBC2DA	MLC	2855B.6	3105	5833/1	450617
	BJMBC3D1	BJMBC3DA	MLC	2855B.6	3330	5833/1	450617
	BJMBC4D1	BJMBC4DA	MLC	2855B.6	3690	5833/1	450617
	BJMBC5D1	BJMBC5DA	MLC	2855B.6	4185	5833/1	450617
	BJMBC6D1	BJMBC6DA	MLC	2855B.6	4455	5833/1	450617
	BJMBC7D1	BJMBC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJMBC4D2	BJMBC4DB	MLL	2855B.6	3690	5833/1	450617
	BJMBC5D2	BJMBC5DB	MLL	2855B.6	4185	5833/1	450617
	BJMBC6D2	BJMBC6DB	MLL	2855B.6	4455	5833/1	450617
	BJMBC7D2	BJMBC7DB	MLL	2855B.6	4815	5833/1	450617



## VCBs for ML60E16 / ML65E16 / ML75E16 / ML80EL16

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E16</b>  <b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJNAC2D1	BJNAC2DA	MLC	2855B.6	3105	5833/1	450617
	BJNAC3D1	BJNAC3DA	MLC	2855B.6	3330	5833/1	450617
	BJNAC4D1	BJNAC4DA	MLC	2855B.6	3690	5833/1	450617
	BJNAC5D1	BJNAC5DA	MLC	2855B.6	4185	5833/1	450617
	BJNAC6D1	BJNAC6DA	MLC	2855B.6	4455	5833/1	450617
	BJNAC7D1	BJNAC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJNAC4D2	BJNAC4DB	MLL	2855B.6	3690	5833/1	450617
	BJNAC5D2	BJNAC5DB	MLL	2855B.6	4185	5833/1	450617
	BJNAC6D2	BJNAC6DB	MLL	2855B.6	4455	5833/1	450617
	BJNAC7D2	BJNAC7DB	MLL	2855B.6	4815	5833/1	450617

## VCBs for ML60E16 / ML65E16 / ML75E16 / ML80EL16

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E16/P</b>  <b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJNBC2D1	BJNBC2DA	MLC	2855B.6	3105	5833/1	450617
	BJNBC3D1	BJNBC3DA	MLC	2855B.6	3330	5833/1	450617
	BJNBC4D1	BJNBC4DA	MLC	2855B.6	3690	5833/1	450617
	BJNBC5D1	BJNBC5DA	MLC	2855B.6	4185	5833/1	450617
	BJNBC6D1	BJNBC6DA	MLC	2855B.6	4455	5833/1	450617
	BJNBC7D1	BJNBC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJNBC4D2	BJNBC4DB	MLL	2855B.6	3690	5833/1	450617
	BJNBC5D2	BJNBC5DB	MLL	2855B.6	4185	5833/1	450617
	BJNBC6D2	BJNBC6DB	MLL	2855B.6	4455	5833/1	450617
	BJNBC7D2	BJNBC7DB	MLL	2855B.6	4815	5833/1	450617

## VCBs for ML75E18 / ML80EL18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E18</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
<b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJRAC2D1	BJRAC2DA	MLC	2855B.6	3105	5833/1	450617
	BJRAC3D1	BJRAC3DA	MLC	2855B.6	3330	5833/1	450617
	BJRAC4D1	BJRAC4DA	MLC	2855B.6	3690	5833/1	450617
	BJRAC5D1	BJRAC5DA	MLC	2855B.6	4185	5833/1	450617
	BJRAC6D1	BJRAC6DA	MLC	2855B.6	4455	5833/1	450617
	BJRAC7D1	BJRAC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJRAC4D2	BJRAC4DB	MLL	2855B.6	3690	5833/1	450617
	BJRAC5D2	BJRAC5DB	MLL	2855B.6	4185	5833/1	450617
	BJRAC6D2	BJRAC6DB	MLL	2855B.6	4455	5833/1	450617
	BJRAC7D2	BJRAC7DB	MLL	2855B.6	4815	5833/1	450617

## VCBs for ML75E18 / ML80EL18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML75E18 / P</b>  <b>E75</b>	T. B. D.	T. B. D.	MLC	5 SPEEDS	3105	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3330	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLC	5 SPEEDS	4815	5833/1	450617
	BJRBC2D1	BJRBC2DA	MLC	2855B.6	3105	5833/1	450617
	BJRBC3D1	BJRBC3DA	MLC	2855B.6	3330	5833/1	450617
	BJRBC4D1	BJRBC4DA	MLC	2855B.6	3690	5833/1	450617
	BJRBC5D1	BJRBC5DA	MLC	2855B.6	4185	5833/1	450617
	BJRBC6D1	BJRBC6DA	MLC	2855B.6	4455	5833/1	450617
	BJRBC7D1	BJRBC7DA	MLC	2855B.6	4815	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	3690	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4185	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4455	5833/1	450617
	T. B. D.	T. B. D.	MLL	5 SPEEDS	4815	5833/1	450617
	BJRBC4D2	BJRBC4DB	MLL	2855B.6	3690	5833/1	450617
	BJRBC5D2	BJRBC5DB	MLL	2855B.6	4185	5833/1	450617
	BJRBC6D2	BJRBC6DB	MLL	2855B.6	4455	5833/1	450617
	BJRBC7D2	BJRBC7DB	MLL	2855B.6	4815	5833/1	450617

## VCBs for ML80E18 / ML90E18 / ML100E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E18</b>  <b>E100</b>	BLRAC2D1	BLRAC2DA	MLC	2855B.6	3105	5833	450721
	BLRAC3D1	BLRAC3DA	MLC	2855B.6	3330	5833	450721
	BLRAC4D1	BLRAC4DA	MLC	2855B.6	3690	5833	450721
	BLRAC5D1	BLRAC5DA	MLC	2855B.6	4185	5833	450721
	BLRAC6D1	BLRAC6DA	MLC	2855B.6	4455	5833	450721
	BLRAC7D1	BLRAC7DA	MLC	2855B.6	4815	5833	450721
	BLRAC2G1	BLRAC2GA	MLC	2870B.9	3105	5833	450721
	BLRAC3G1	BLRAC3GA	MLC	2870B.9	3330	5833	450721
	BLRAC4G1	BLRAC4GA	MLC	2870B.9	3690	5833	450721
	BLRAC5G1	BLRAC5GA	MLC	2870B.9	4185	5833	450721
BLRAC6G1	BLRAC6GA	MLC	2870B.9	4455	5833	450721	
BLRAC7G1	BLRAC7GA	MLC	2870B.9	4815	5833	450721	
BLRAC4D2	BLRAC4DB	MLL	2855B.6	3690	5833	450721	
BLRAC5D2	BLRAC5DB	MLL	2855B.6	4185	5833	450721	
BLRAC6D2	BLRAC6DB	MLL	2855B.6	4455	5833	450721	
BLRAC7D2	BLRAC7DB	MLL	2855B.6	4815	5833	450721	
BLRAC4G2	BLRAC4GB	MLL	2870B.9	3690	5833	450721	
BLRAC5G2	BLRAC5GB	MLL	2870B.9	4185	5833	450721	
BLRAC6G2	BLRAC6GB	MLL	2870B.9	4455	5833	450721	
BLRAC7G2	BLRAC7GB	MLL	2870B.9	4815	5833	450721	

## VCBs for ML80E18 / ML90E18 / ML100E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E18 / P</b>  <b>E100</b>	BLRBC2D1	BLRBC2DA	MLC	2855B.6	3105	5833	450721
	BLRBC3D1	BLRBC3DA	MLC	2855B.6	3330	5833	450721
	BLRBC4D1	BLRBC4DA	MLC	2855B.6	3690	5833	450721
	BLRBC5D1	BLRBC5DA	MLC	2855B.6	4185	5833	450721
	BLRBC6D1	BLRBC6DA	MLC	2855B.6	4455	5833	450721
	BLRBC7D1	BLRBC7DA	MLC	2855B.6	4815	5833	450721
	BLRBC2G1	BLRBC2GA	MLC	2870B.9	3105	5833	450721
	BLRBC3G1	BLRBC3GA	MLC	2870B.9	3330	5833	450721
	BLRBC4G1	BLRBC4GA	MLC	2870B.9	3690	5833	450721
	BLRBC5G1	BLRBC5GA	MLC	2870B.9	4185	5833	450721
BLRBC6G1	BLRBC6GA	MLC	2870B.9	4455	5833	450721	
BLRBC7G1	BLRBC7GA	MLC	2870B.9	4815	5833	450721	
BLRBC4D2	BLRBC4DB	MLL	2855B.6	3690	5833	450721	
BLRBC5D2	BLRBC5DB	MLL	2855B.6	4185	5833	450721	
BLRBC6D2	BLRBC6DB	MLL	2855B.6	4455	5833	450721	
BLRBC7D2	BLRBC7DB	MLL	2855B.6	4815	5833	450721	
BLRBC4G2	BLRBC4GB	MLL	2870B.9	3690	5833	450721	
BLRBC5G2	BLRBC5GB	MLL	2870B.9	4185	5833	450721	
BLRBC6G2	BLRBC6GB	MLL	2870B.9	4455	5833	450721	
BLRBC7G2	BLRBC7GB	MLL	2870B.9	4815	5833	450721	

## VCBs for ML80E18 / ML90E18 / ML100E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E18 / FP</b>  <b>E100</b>	BLRCC5D1	BLRCC5DA	MLC	2855B.6	4185	5833	450721
	BLRCC6D1	BLRCC6DA	MLC	2855B.6	4455	5833	450721
	BLRCC7D1	BLRCC7DA	MLC	2855B.6	4815	5833	450721
	BLRCC5G1	BLRCC5GA	MLC	2870B.9	4185	5833	450721
	BLRCC6G1	BLRCC6GA	MLC	2870B.9	4455	5833	450721
	BLRCC7G1	BLRCC7GA	MLC	2870B.9	4815	5833	450721
	BLRCC5D2	BLRCC5DB	MLL	2855B.6	4185	5833	450721
	BLRCC6D2	BLRCC6DB	MLL	2855B.6	4455	5833	450721
	BLRCC7D2	BLRCC7DB	MLL	2855B.6	4815	5833	450721
	BLRCC5G2	BLRCC5GB	MLL	2870B.9	4185	5833	450721
	BLRCC6G2	BLRCC6GB	MLL	2870B.9	4455	5833	450721
	BLRCC7G2	BLRCC7GB	MLL	2870B.9	4815	5833	450721

## VCBs for ML80E22 / ML90E22 / ML100E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E22</b>  <b>E100</b>	BLSAC2D1	BLSAC2DA	MLC	2865B.6	3105	5833	450721
	BLSAC3D1	BLSAC3DA	MLC	2865B.6	3330	5833	450721
	BLSAC4D1	BLSAC4DA	MLC	2865B.6	3690	5833	450721
	BLSAC5D1	BLSAC5DA	MLC	2865B.6	4185	5833	450721
	BLSAC6D1	BLSAC6DA	MLC	2865B.6	4455	5833	450721
	BLSAC7D1	BLSAC7DA	MLC	2865B.6	4815	5833	450721
	BLSAC2G1	BLSAC2GA	MLC	2870B.9	3105	5833	450721
	BLSAC3G1	BLSAC3GA	MLC	2870B.9	3330	5833	450721
	BLSAC4G1	BLSAC4GA	MLC	2870B.9	3690	5833	450721
	BLSAC5G1	BLSAC5GA	MLC	2870B.9	4185	5833	450721
	BLSAC6G1	BLSAC6GA	MLC	2870B.9	4455	5833	450721
	BLSAC7G1	BLSAC7GA	MLC	2870B.9	4815	5833	450721
BLSAC4D2	BLSAC4DB	MLL	2865B.6	3690	5833	450721	
BLSAC5D2	BLSAC5DB	MLL	2865B.6	4185	5833	450721	
BLSAC6D2	BLSAC6DB	MLL	2865B.6	4455	5833	450721	
BLSAC7D2	BLSAC7DB	MLL	2865B.6	4815	5833	450721	
BLSAC4G2	BLSAC4GB	MLL	2870B.9	3690	5833	450721	
BLSAC5G2	BLSAC5GB	MLL	2870B.9	4185	5833	450721	
BLSAC6G2	BLSAC6GB	MLL	2870B.9	4455	5833	450721	
BLSAC7G2	BLSAC7GB	MLL	2870B.9	4815	5833	450721	



## VCBs for ML80E22 / ML90E22 / ML100E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E22 / P</b>  <b>E100</b>	BLSBC2D1	BLSBC2DA	MLC	2865B.6	3105	5833	450721
	BLSBC3D1	BLSBC3DA	MLC	2865B.6	3330	5833	450721
	BLSBC4D1	BLSBC4DA	MLC	2865B.6	3690	5833	450721
	BLSBC5D1	BLSBC5DA	MLC	2865B.6	4185	5833	450721
	BLSBC6D1	BLSBC6DA	MLC	2865B.6	4455	5833	450721
	BLSBC7D1	BLSBC7DA	MLC	2865B.6	4815	5833	450721
	BLSBC2G1	BLSBC2GA	MLC	2870B.9	3105	5833	450721
	BLSBC3G1	BLSBC3GA	MLC	2870B.9	3330	5833	450721
	BLSBC4G1	BLSBC4GA	MLC	2870B.9	3690	5833	450721
	BLSBC5G1	BLSBC5GA	MLC	2870B.9	4185	5833	450721
	BLSBC6G1	BLSBC6GA	MLC	2870B.9	4455	5833	450721
	BLSBC7G1	BLSBC7GA	MLC	2870B.9	4815	5833	450721
	BLSBC4D2	BLSBC4DB	MLL	2865B.6	3690	5833	450721
	BLSBC5D2	BLSBC5DB	MLL	2865B.6	4185	5833	450721
	BLSBC6D2	BLSBC6DB	MLL	2865B.6	4455	5833	450721
	BLSBC7D2	BLSBC7DB	MLL	2865B.6	4815	5833	450721
	BLSBC4G2	BLSBC4GB	MLL	2870B.9	3690	5833	450721
	BLSBC5G2	BLSBC5GB	MLL	2870B.9	4185	5833	450721
	BLSBC6G2	BLSBC6GB	MLL	2870B.9	4455	5833	450721
	BLSBC7G2	BLSBC7GB	MLL	2870B.9	4815	5833	450721

## VCBs for ML80E22 / ML90E22 / ML100E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E22 / FP</b>  <b>E100</b>	BLSCC5D1	BLSCC5DA	MLC	2865B.6	4185	5833	450721
	BLSCC6D1	BLSCC6DA	MLC	2865B.6	4455	5833	450721
	BLSCC7D1	BLSCC7DA	MLC	2865B.6	4815	5833	450721
	BLSCC5G1	BLSCC5GA	MLC	2870B.9	4185	5833	450721
	BLSCC6G1	BLSCC6GA	MLC	2870B.9	4455	5833	450721
	BLSCC7G1	BLSCC7GA	MLC	2870B.9	4815	5833	450721
	BLSCC5D2	BLSCC5DB	MLL	2865B.6	4185	5833	450721
	BLSCC6D2	BLSCC6DB	MLL	2865B.6	4455	5833	450721
	BLSCC7D2	BLSCC7DB	MLL	2865B.6	4815	5833	450721
	BLSCC5G2	BLSCC5GB	MLL	2870B.9	4185	5833	450721
	BLSCC6G2	BLSCC6GB	MLL	2870B.9	4455	5833	450721
	BLSCC7G2	BLSCC7GB	MLL	2870B.9	4815	5833	450721

## VCBs for 80E18 / 90E18 / 100E18 MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E18D</b>  <b>E100</b>	BLRAE4D4	BLRAE4DD	MLD	2855B.6	3690	5833	450721
	BLRAE5D4	BLRAE5DD	MLD	2855B.6	4185	5833	450721
	BLRAE6D4	BLRAE6DD	MLD	2855B.6	4455	5833	450721
	BLRAE7D4	BLRAE7DD	MLD	2855B.6	4815	5833	450721
	BLRAE4G4	BLRAE4GD	MLD	2870B.9	3690	5833	450721
	BLRAE5G4	BLRAE5GD	MLD	2870B.9	4185	5833	450721
	BLRAE6G4	BLRAE6GD	MLD	2870B.9	4455	5833	450721
	BLRAE7G4	BLRAE7GD	MLD	2870B.9	4815	5833	450721
<b>ML100E18D / P</b>  <b>E100</b>	BLRBE4D4	BLRBE4DD	MLD	2855B.6	3690	5833	450721
	BLRBE5D4	BLRBE5DD	MLD	2855B.6	4185	5833	450721
	BLRBE6D4	BLRBE6DD	MLD	2855B.6	4455	5833	450721
	BLRBE7D4	BLRBE7DD	MLD	2855B.6	4815	5833	450721
	BLRBE4G4	BLRBE4GD	MLD	2870B.9	3690	5833	450721
	BLRBE5G4	BLRBE5GD	MLD	2870B.9	4185	5833	450721
	BLRBE6G4	BLRBE6GD	MLD	2870B.9	4455	5833	450721
	BLRBE7G4	BLRBE7GD	MLD	2870B.9	4815	5833	450721

## VCBs for 80E22 / 90E22 / 100E22 MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E22D</b>  <b>E100</b>	BLSAE4D4	BLSAE4DD	MLD	2865B.6	3690	5833	450721
	BLSAE5D4	BLSAE5DD	MLD	2865B.6	4185	5833	450721
	BLSAE6D4	BLSAE6DD	MLD	2865B.6	4455	5833	450721
	BLSAE7D4	BLSAE7DD	MLD	2865B.6	4815	5833	450721
	BLSAE4G4	BLSAE4GD	MLD	2870B.9	3690	5833	450721
	BLSAE5G4	BLSAE5GD	MLD	2870B.9	4185	5833	450721
	BLSAE6G4	BLSAE6GD	MLD	2870B.9	4455	5833	450721
	BLSAE7G4	BLSAE7GD	MLD	2870B.9	4815	5833	450721
<b>ML100E22D / P</b>  <b>E100</b>	BLSBE4D4	BLSBE4DD	MLD	2865B.6	3690	5833	450721
	BLSBE5D4	BLSBE5DD	MLD	2865B.6	4185	5833	450721
	BLSBE6D4	BLSBE6DD	MLD	2865B.6	4455	5833	450721
	BLSBE7D4	BLSBE7DD	MLD	2865B.6	4815	5833	450721
	BLSBE4G4	BLSBE4GD	MLD	2870B.9	3690	5833	450721
	BLSBE5G4	BLSBE5GD	MLD	2870B.9	4185	5833	450721
	BLSBE6G4	BLSBE6GD	MLD	2870B.9	4455	5833	450721
	BLSBE7G4	BLSBE7GD	MLD	2870B.9	4815	5833	450721

## VCBs for ML110EL18 / ML120EL18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL18</b>  <b>E120</b>	CJRAC2D1	CJRAC2DA	MLC	2855B.6	3105	5845	MS08-125
	CJRAC3D1	CJRAC3DA	MLC	2855B.6	3330	5845	MS08-125
	CJRAC4D1	CJRAC4DA	MLC	2855B.6	3690	5845	MS08-125
	CJRAC5D1	CJRAC5DA	MLC	2855B.6	4185	5845	MS08-125
	CJRAC6D1	CJRAC6DA	MLC	2855B.6	4455	5845	MS08-125
	CJRAC7D1	CJRAC7DA	MLC	2855B.6	4815	5845	MS08-125
	CJRAC2G1	CJRAC2GA	MLC	2870B.9	3105	5845	MS08-125
	CJRAC3G1	CJRAC3GA	MLC	2870B.9	3330	5845	MS08-125
	CJRAC4G1	CJRAC4GA	MLC	2870B.9	3690	5845	MS08-125
	CJRAC5G1	CJRAC5GA	MLC	2870B.9	4185	5845	MS08-125
	CJRAC6G1	CJRAC6GA	MLC	2870B.9	4455	5845	MS08-125
	CJRAC7G1	CJRAC7GA	MLC	2870B.9	4815	5845	MS08-125
	CJRAC4D2	CJRAC4DB	MLL	2855B.6	3690	5845	MS08-125
	CJRAC5D2	CJRAC5DB	MLL	2855B.6	4185	5845	MS08-125
	CJRAC6D2	CJRAC6DB	MLL	2855B.6	4455	5845	MS08-125
	CJRAC7D2	CJRAC7DB	MLL	2855B.6	4815	5845	MS08-125
	CJRAC4G2	CJRAC4GB	MLL	2870B.9	3690	5845	MS08-125
	CJRAC5G2	CJRAC5GB	MLL	2870B.9	4185	5845	MS08-125
	CJRAC6G2	CJRAC6GB	MLL	2870B.9	4455	5845	MS08-125
	CJRAC7G2	CJRAC7GB	MLL	2870B.9	4815	5845	MS08-125

## VCBs for ML110EL18 / ML120EL18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL18/P</b>  <b>E120</b>	CJRBC2D1	CJRBC2DA	MLC	2855B.6	3105	5845	MS08-125
	CJRBC3D1	CJRBC3DA	MLC	2855B.6	3330	5845	MS08-125
	CJRBC4D1	CJRBC4DA	MLC	2855B.6	3690	5845	MS08-125
	CJRBC5D1	CJRBC5DA	MLC	2855B.6	4185	5845	MS08-125
	CJRBC6D1	CJRBC6DA	MLC	2855B.6	4455	5845	MS08-125
	CJRBC7D1	CJRBC7DA	MLC	2855B.6	4815	5845	MS08-125
	CJRBC2G1	CJRBC2GA	MLC	2870B.9	3105	5845	MS08-125
	CJRBC3G1	CJRBC3GA	MLC	2870B.9	3330	5845	MS08-125
	CJRBC4G1	CJRBC4GA	MLC	2870B.9	3690	5845	MS08-125
	CJRBC5G1	CJRBC5GA	MLC	2870B.9	4185	5845	MS08-125
	CJRBC6G1	CJRBC6GA	MLC	2870B.9	4455	5845	MS08-125
	CJRBC7G1	CJRBC7GA	MLC	2870B.9	4815	5845	MS08-125
	CJRBC4D2	CJRBC4DB	MLL	2855B.6	3690	5845	MS08-125
	CJRBC5D2	CJRBC5DB	MLL	2855B.6	4185	5845	MS08-125
	CJRBC6D2	CJRBC6DB	MLL	2855B.6	4455	5845	MS08-125
	CJRBC7D2	CJRBC7DB	MLL	2855B.6	4815	5845	MS08-125
	CJRBC4G2	CJRBC4GB	MLL	2870B.9	3690	5845	MS08-125
	CJRBC5G2	CJRBC5GB	MLL	2870B.9	4185	5845	MS08-125
	CJRBC6G2	CJRBC6GB	MLL	2870B.9	4455	5845	MS08-125
	CJRBC7G2	CJRBC7GB	MLL	2870B.9	4815	5845	MS08-125

## VCBs for ML110EL22 / ML120EL22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL22</b>  <b>E120</b>	CJSAC2D1	CJSAC2DA	MLC	2865B.6	3105	5845	MS08-125
	CJSAC3D1	CJSAC3DA	MLC	2865B.6	3330	5845	MS08-125
	CJSAC4D1	CJSAC4DA	MLC	2865B.6	3690	5845	MS08-125
	CJSAC5D1	CJSAC5DA	MLC	2865B.6	4185	5845	MS08-125
	CJSAC6D1	CJSAC6DA	MLC	2865B.6	4455	5845	MS08-125
	CJSAC7D1	CJSAC7DA	MLC	2865B.6	4815	5845	MS08-125
	CJSAC2G1	CJSAC2GA	MLC	2870B.9	3105	5845	MS08-125
	CJSAC3G1	CJSAC3GA	MLC	2870B.9	3330	5845	MS08-125
	CJSAC4G1	CJSAC4GA	MLC	2870B.9	3690	5845	MS08-125
	CJSAC5G1	CJSAC5GA	MLC	2870B.9	4185	5845	MS08-125
	CJSAC6G1	CJSAC6GA	MLC	2870B.9	4455	5845	MS08-125
	CJSAC7G1	CJSAC7GA	MLC	2870B.9	4815	5845	MS08-125
	CJSAC4D2	CJSAC4DB	MLL	2865B.6	3690	5845	MS08-125
	CJSAC5D2	CJSAC5DB	MLL	2865B.6	4185	5845	MS08-125
CJSAC6D2	CJSAC6DB	MLL	2865B.6	4455	5845	MS08-125	
CJSAC7D2	CJSAC7DB	MLL	2865B.6	4815	5845	MS08-125	
CJSAC4G2	CJSAC4GB	MLL	2870B.9	3690	5845	MS08-125	
CJSAC5G2	CJSAC5GB	MLL	2870B.9	4185	5845	MS08-125	
CJSAC6G2	CJSAC6GB	MLL	2870B.9	4455	5845	MS08-125	
CJSAC7G2	CJSAC7GB	MLL	2870B.9	4815	5845	MS08-125	

## VCBs for ML110EL22 / ML120EL22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL22/P</b>  <b>E120</b>	CJSBC2D1	CJSBC2DA	MLC	2865B.6	3105	5845	MS08-125
	CJSBC3D1	CJSBC3DA	MLC	2865B.6	3330	5845	MS08-125
	CJSBC4D1	CJSBC4DA	MLC	2865B.6	3690	5845	MS08-125
	CJSBC5D1	CJSBC5DA	MLC	2865B.6	4185	5845	MS08-125
	CJSBC6D1	CJSBC6DA	MLC	2865B.6	4455	5845	MS08-125
	CJSBC7D1	CJSBC7DA	MLC	2865B.6	4815	5845	MS08-125
	CJSBC2G1	CJSBC2GA	MLC	2870B.9	3105	5845	MS08-125
	CJSBC3G1	CJSBC3GA	MLC	2870B.9	3330	5845	MS08-125
	CJSBC4G1	CJSBC4GA	MLC	2870B.9	3690	5845	MS08-125
	CJSBC5G1	CJSBC5GA	MLC	2870B.9	4185	5845	MS08-125
	CJSBC6G1	CJSBC6GA	MLC	2870B.9	4455	5845	MS08-125
	CJSBC7G1	CJSBC7GA	MLC	2870B.9	4815	5845	MS08-125
	CJSBC4D2	CJSBC4DB	MLL	2865B.6	3690	5845	MS08-125
	CJSBC5D2	CJSBC5DB	MLL	2865B.6	4185	5845	MS08-125
	CJSBC6D2	CJSBC6DB	MLL	2865B.6	4455	5845	MS08-125
	CJSBC7D2	CJSBC7DB	MLL	2865B.6	4815	5845	MS08-125
	CJSBC4G2	CJSAC4GB	MLL	2870B.9	3690	5845	MS08-125
	CJSBC5G2	CJSAC5GB	MLL	2870B.9	4185	5845	MS08-125
	CJSBC6G2	CJSAC6GB	MLL	2870B.9	4455	5845	MS08-125
	CJSBC7G2	CJSAC7GB	MLL	2870B.9	4815	5845	MS08-125



## VCBs for ML110EL18 / ML120EL18 MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL18</b>  <b>E120</b>	CJRAE4D4	CJRAE4DD	MLD	2855B.6	3690	5845	MS08-125
	CJRAE5D4	CJRAE5DD	MLD	2855B.6	4185	5845	MS08-125
	CJRAE6D4	CJRAE6DD	MLD	2855B.6	4455	5845	MS08-125
	CJRAE7D4	CJRAE7DD	MLD	2855B.6	4815	5845	MS08-125
	CJRAE4G4	CJRAE4GD	MLD	2870B.9	3690	5845	MS08-125
	CJRAE5G4	CJRAE5GD	MLD	2870B.9	4185	5845	MS08-125
	CJRAE6G4	CJRAE6GD	MLD	2870B.9	4455	5845	MS08-125
	CJRAE7G4	CJRAE7GD	MLD	2870B.9	4815	5845	MS08-125
<b>ML120EL18/P</b>  <b>E120</b>	CJRBE4D4	CJRBE4DD	MLD	2855B.6	3690	5845	MS08-125
	CJRBE5D4	CJRBE5DD	MLD	2855B.6	4185	5845	MS08-125
	CJRBE6D4	CJRBE6DD	MLD	2855B.6	4455	5845	MS08-125
	CJRBE7D4	CJRBE7DD	MLD	2855B.6	4815	5845	MS08-125
	CJRBE4G4	CJRBE4GD	MLD	2870B.9	3690	5845	MS08-125
	CJRBE5G4	CJRBE5GD	MLD	2870B.9	4185	5845	MS08-125
	CJRBE6G4	CJRBE6GD	MLD	2870B.9	4455	5845	MS08-125
	CJRBE7G4	CJRBE7GD	MLD	2870B.9	4815	5845	MS08-125

## VCBs for ML110EL22 / ML120EL22 MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML120EL22D</b>  <b>E120</b>	CJSAE4D4	CJSAE4DD	MLD	2865B.6	3690	5845	MS08-125
	CJSAE5D4	CJSAE5DD	MLD	2865B.6	4185	5845	MS08-125
	CJSAE6D4	CJSAE6DD	MLD	2865B.6	4455	5845	MS08-125
	CJSAE7D4	CJSAE7DD	MLD	2865B.6	4815	5845	MS08-125
	CJSAE4G4	CJSAE4GD	MLD	2870B.9	3690	5845	MS08-125
	CJSAE5G4	CJSAE5GD	MLD	2870B.9	4185	5845	MS08-125
	CJSAE6G4	CJSAE6GD	MLD	2870B.9	4455	5845	MS08-125
	CJSAE7G4	CJSAE7GD	MLD	2870B.9	4815	5845	MS08-125
<b>ML120EL22D/P</b>  <b>E120</b>	CJSBE4D4	CJSBE4DD	MLD	2865B.6	3690	5845	MS08-125
	CJSBE5D4	CJSBE5DD	MLD	2865B.6	4185	5845	MS08-125
	CJSBE6D4	CJSBE6DD	MLD	2865B.6	4455	5845	MS08-125
	CJSBE7D4	CJSBE7DD	MLD	2865B.6	4815	5845	MS08-125
	CJSBE4G4	CJSBE4GD	MLD	2870B.9	3690	5845	MS08-125
	CJSBE5G4	CJSBE5GD	MLD	2870B.9	4185	5845	MS08-125
	CJSBE6G4	CJSBE6GD	MLD	2870B.9	4455	5845	MS08-125
	CJSBE7G4	CJSBE7GD	MLD	2870B.9	4815	5845	MS08-125

## VCBs for ML120E18 / ML140E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E18</b>  <b>E140</b>	CKRAC2D1	CKRAC2DA	MLC	2855B.6	3105	5860 CS	MS10-144
	CKRAC4D1	CKRAC4DA	MLC	2855B.6	3690	5860 CS	MS10-144
	CKRAC5D1	CKRAC5DA	MLC	2855B.6	4185	5860 CS	MS10-144
	CKRAC6D1	CKRAC6DA	MLC	2855B.6	4455	5860 CS	MS10-144
	CKRAC7D1	CKRAC7DA	MLC	2855B.6	4815	5860 CS	MS10-144
	CKRAC8D1	CKRAC8DA	MLC	2855B.6	5175	5860 CS	MS10-144
	CKRAC9D1	CKRAC9DA	MLC	2855B.6	5670	5860 CS	MS10-144
	CKRACBD1	CKRACBDA	MLC	2855B.6	6570	5860 CS	MS10-144
	CKRAC2G1	CKRAC2GA	MLC	2870B.9	3105	5860 CS	MS10-144
	CKRAC4G1	CKRAC4GA	MLC	2870B.9	3690	5860 CS	MS10-144
CKRAC5G1	CKRAC5GA	MLC	2870B.9	4185	5860 CS	MS10-144	
CKRAC6G1	CKRAC6GA	MLC	2870B.9	4455	5860 CS	MS10-144	
CKRAC7G1	CKRAC7GA	MLC	2870B.9	4815	5860 CS	MS10-144	
CKRAC8G1	CKRAC8GA	MLC	2870B.9	5175	5860 CS	MS10-144	
CKRAC9G1	CKRAC9GA	MLC	2870B.9	5670	5860 CS	MS10-144	
CKRACBG1	CKRACBGA	MLC	2870B.9	6570	5860 CS	MS10-144	
CKRAC4D2	CKRAC4DB	MLL	2855B.6	3690	5860 CS	MS10-144	
CKRAC5D2	CKRAC5DB	MLL	2855B.6	4185	5860 CS	MS10-144	
CKRAC6D2	CKRAC6DB	MLL	2855B.6	4455	5860 CS	MS10-144	
CKRAC7D2	CKRAC7DB	MLL	2855B.6	4815	5860 CS	MS10-144	
CKRAC8D2	CKRAC8DB	MLL	2855B.6	5175	5860 CS	MS10-144	
CKRAC9D2	CKRAC9DB	MLL	2855B.6	5670	5860 CS	MS10-144	
CKRACBD2	CKRACBDB	MLL	2855B.6	6570	5860 CS	MS10-144	
CKRAC4G2	CKRAC4GB	MLL	2870B.9	3690	5860 CS	MS10-144	
CKRAC5G2	CKRAC5GB	MLL	2870B.9	4185	5860 CS	MS10-144	
CKRAC6G2	CKRAC6GB	MLL	2870B.9	4455	5860 CS	MS10-144	
CKRAC7G2	CKRAC7GB	MLL	2870B.9	4815	5860 CS	MS10-144	
CKRAC8G2	CKRAC8GB	MLL	2870B.9	5175	5860 CS	MS10-144	
CKRAC9G2	CKRAC9GB	MLL	2870B.9	5670	5860 CS	MS10-144	
CKRACBG2	CKRACBGB	MLL	2870B.9	6570	5860 CS	MS10-144	

## VCBs for ML120E18 / ML140E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E18 / P</b>  <b>E140</b>	CKRBC2D1	CKRBC2DA	MLC	2855B.6	3105	5860 CS	MS10-144
	CKRBC4D1	CKRBC4DA	MLC	2855B.6	3690	5860 CS	MS10-144
	CKRBC5D1	CKRBC5DA	MLC	2855B.6	4185	5860 CS	MS10-144
	CKRBC6D1	CKRBC6DA	MLC	2855B.6	4455	5860 CS	MS10-144
	CKRBC7D1	CKRBC7DA	MLC	2855B.6	4815	5860 CS	MS10-144
	CKRBC8D1	CKRBC8DA	MLC	2855B.6	5175	5860 CS	MS10-144
	CKRBC9D1	CKRBC9DA	MLC	2855B.6	5670	5860 CS	MS10-144
	CKRBCBD1	CKRBCBDA	MLC	2855B.6	6570	5860 CS	MS10-144
	CKRBC2G1	CKRBC2GA	MLC	2870B.9	3105	5860 CS	MS10-144
	CKRBC4G1	CKRBC4GA	MLC	2870B.9	3690	5860 CS	MS10-144
	CKRBC5G1	CKRBC5GA	MLC	2870B.9	4185	5860 CS	MS10-144
	CKRBC6G1	CKRBC6GA	MLC	2870B.9	4455	5860 CS	MS10-144
	CKRBC7G1	CKRBC7GA	MLC	2870B.9	4815	5860 CS	MS10-144
	CKRBC8G1	CKRBC8GA	MLC	2870B.9	5175	5860 CS	MS10-144
	CKRBC9G1	CKRBC9GA	MLC	2870B.9	5670	5860 CS	MS10-144
	CKRBCBG1	CKRBCBGA	MLC	2870B.9	6570	5860 CS	MS10-144
	CKRBC4D2	CKRBC4DB	MLL	2855B.6	3690	5860 CS	MS10-144
	CKRBC5D2	CKRBC5DB	MLL	2855B.6	4185	5860 CS	MS10-144
	CKRBC6D2	CKRBC6DB	MLL	2855B.6	4455	5860 CS	MS10-144
	CKRBC7D2	CKRBC7DB	MLL	2855B.6	4815	5860 CS	MS10-144
	CKRBC8D2	CKRBC8DB	MLL	2855B.6	5175	5860 CS	MS10-144
	CKRBC9D2	CKRBC9DB	MLL	2855B.6	5670	5860 CS	MS10-144
	CKRBCBD2	CKRBCBDB	MLL	2855B.6	6570	5860 CS	MS10-144
	CKRBC4G2	CKRBC4GB	MLL	2870B.9	3690	5860 CS	MS10-144
	CKRBC5G2	CKRBC5GB	MLL	2870B.9	4185	5860 CS	MS10-144
	CKRBC6G2	CKRBC6GB	MLL	2870B.9	4455	5860 CS	MS10-144
	CKRBC7G2	CKRBC7GB	MLL	2870B.9	4815	5860 CS	MS10-144
	CKRBC8G2	CKRBC8GB	MLL	2870B.9	5175	5860 CS	MS10-144
	CKRBC9G2	CKRBC9GB	MLL	2870B.9	5670	5860 CS	MS10-144
	CKRBCBG2	CKRBCBGB	MLL	2870B.9	6570	5860 CS	MS10-144

## VCBs for ML120E18 / ML140E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E18 /FP</b>  <b>E140</b>	CKRCC5D1	CKRCC5DA	MLC	2855B.6	4185	5860 CS	MS10-144
	CKRCC6D1	CKRCC6DA	MLC	2855B.6	4455	5860 CS	MS10-144
	CKRCC7D1	CKRCC7DA	MLC	2855B.6	4815	5860 CS	MS10-144
	CKRCC8D1	CKRCC8DA	MLC	2855B.6	5175	5860 CS	MS10-144
	CKRCC9D1	CKRCC9DA	MLC	2855B.6	5670	5860 CS	MS10-144
	CKRCCBD1	CKRCCBDA	MLC	2855B.6	6570	5860 CS	MS10-144
	CKRCC5G1	CKRCC5GA	MLC	2870B.9	4185	5860 CS	MS10-144
	CKRCC6G1	CKRCC6GA	MLC	2870B.9	4455	5860 CS	MS10-144
	CKRCC7G1	CKRCC7GA	MLC	2870B.9	4815	5860 CS	MS10-144
	CKRCC8G1	CKRCC8GA	MLC	2870B.9	5175	5860 CS	MS10-144
	CKRCC9G1	CKRCC9GA	MLC	2870B.9	5670	5860 CS	MS10-144
	CKRCCBG1	CKRCCBGA	MLC	2870B.9	6570	5860 CS	MS10-144
	CKRCC5D2	CKRCC5DB	MLL	2855B.6	4185	5860 CS	MS10-144
	CKRCC6D2	CKRCC6DB	MLL	2855B.6	4455	5860 CS	MS10-144
	CKRCC7D2	CKRCC7DB	MLL	2855B.6	4815	5860 CS	MS10-144
	CKRCC8D2	CKRCC8DB	MLL	2855B.6	5175	5860 CS	MS10-144
	CKRCC9D2	CKRCC9DB	MLL	2855B.6	5670	5860 CS	MS10-144
	CKRCCBD2	CKRCCBDB	MLL	2855B.6	6570	5860 CS	MS10-144
	CKRCC5G2	CKRCC5GB	MLL	2870B.9	4185	5860 CS	MS10-144
	CKRCC6G2	CKRCC6GB	MLL	2870B.9	4455	5860 CS	MS10-144
	CKRCC7G2	CKRCC7GB	MLL	2870B.9	4815	5860 CS	MS10-144
	CKRCC8G2	CKRCC8GB	MLL	2870B.9	5175	5860 CS	MS10-144
	CKRCC9G2	CKRCC9GB	MLL	2870B.9	5670	5860 CS	MS10-144
	CKRCCBG2	CKRCCBGB	MLL	2870B.9	6570	5860 CS	MS10-144

## VCBs for ML120E22 / ML140E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22</b>  <b>E140</b>	CKSAC2D1	CKSAC2DA	MLC	2865B.6	3105	5860 CS	MS10-144
	CKSAC4D1	CKSAC4DA	MLC	2865B.6	3690	5860 CS	MS10-144
	CKSAC5D1	CKSAC5DA	MLC	2865B.6	4185	5860 CS	MS10-144
	CKSAC6D1	CKSAC6DA	MLC	2865B.6	4455	5860 CS	MS10-144
	CKSAC7D1	CKSAC7DA	MLC	2865B.6	4815	5860 CS	MS10-144
	CKSAC8D1	CKSAC8DA	MLC	2865B.6	5175	5860 CS	MS10-144
	CKSAC9D1	CKSAC9DA	MLC	2865B.6	5670	5860 CS	MS10-144
	CKSACBD1	CKSACBDA	MLC	2865B.6	6570	5860 CS	MS10-144
	CKSAC2G1	CKSAC2GA	MLC	2870B.9	3105	5860 CS	MS10-144
	CKSAC4G1	CKSAC4GA	MLC	2870B.9	3690	5860 CS	MS10-144
	CKSAC5G1	CKSAC5GA	MLC	2870B.9	4185	5860 CS	MS10-144
	CKSAC6G1	CKSAC6GA	MLC	2870B.9	4455	5860 CS	MS10-144
	CKSAC7G1	CKSAC7GA	MLC	2870B.9	4815	5860 CS	MS10-144
	CKSAC8G1	CKSAC8GA	MLC	2870B.9	5175	5860 CS	MS10-144
	CKSAC9G1	CKSAC9GA	MLC	2870B.9	5670	5860 CS	MS10-144
	CKSACBG1	CKSACBGA	MLC	2870B.9	6570	5860 CS	MS10-144
	CKSAC4D2	CKSAC4DB	MLL	2865B.6	3690	5860 CS	MS10-144
	CKSAC5D2	CKSAC5DB	MLL	2865B.6	4185	5860 CS	MS10-144
	CKSAC6D2	CKSAC6DB	MLL	2865B.6	4455	5860 CS	MS10-144
	CKSAC7D2	CKSAC7DB	MLL	2865B.6	4815	5860 CS	MS10-144
	CKSAC8D2	CKSAC8DB	MLL	2865B.6	5175	5860 CS	MS10-144
	CKSAC9D2	CKSAC9DB	MLL	2865B.6	5670	5860 CS	MS10-144
	CKSACBD2	CKSACBDB	MLL	2865B.6	6570	5860 CS	MS10-144
	CKSAC4G2	CKSAC4GB	MLL	2870B.9	3690	5860 CS	MS10-144
	CKSAC5G2	CKSAC5GB	MLL	2870B.9	4185	5860 CS	MS10-144
	CKSAC6G2	CKSAC6GB	MLL	2870B.9	4455	5860 CS	MS10-144
	CKSAC7G2	CKSAC7GB	MLL	2870B.9	4815	5860 CS	MS10-144
	CKSAC8G2	CKSAC8GB	MLL	2870B.9	5175	5860 CS	MS10-144
	CKSAC9G2	CKSAC9GB	MLL	2870B.9	5670	5860 CS	MS10-144
	CKSACBG2	CKSACBGB	MLL	2870B.9	6570	5860 CS	MS10-144

## VCBs for ML120E22 / ML140E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22 / P</b>  <b>E140</b>	CKSBC2D1	CKSBC2DA	MLC	2865B.6	3105	5860 CS	MS10-144
	CKSBC4D1	CKSBC4DA	MLC	2865B.6	3690	5860 CS	MS10-144
	CKSBC5D1	CKSBC5DA	MLC	2865B.6	4185	5860 CS	MS10-144
	CKSBC6D1	CKSBC6DA	MLC	2865B.6	4455	5860 CS	MS10-144
	CKSBC7D1	CKSBC7DA	MLC	2865B.6	4815	5860 CS	MS10-144
	CKSBC8D1	CKSBC8DA	MLC	2865B.6	5175	5860 CS	MS10-144
	CKSBC9D1	CKSBC9DA	MLC	2865B.6	5670	5860 CS	MS10-144
	CKSBCBD1	CKSBCBDA	MLC	2865B.6	6570	5860 CS	MS10-144
	CKSBC2G1	CKSBC2GA	MLC	2870B.9	3105	5860 CS	MS10-144
	CKSBC4G1	CKSBC4GA	MLC	2870B.9	3690	5860 CS	MS10-144
	CKSBC5G1	CKSBC5GA	MLC	2870B.9	4185	5860 CS	MS10-144
	CKSBC6G1	CKSBC6GA	MLC	2870B.9	4455	5860 CS	MS10-144
	CKSBC7G1	CKSBC7GA	MLC	2870B.9	4815	5860 CS	MS10-144
	CKSBC8G1	CKSBC8GA	MLC	2870B.9	5175	5860 CS	MS10-144
	CKSBC9G1	CKSBC9GA	MLC	2870B.9	5670	5860 CS	MS10-144
	CKSBCBG1	CKSBCBGA	MLC	2870B.9	6570	5860 CS	MS10-144
	CKSBC4D2	CKSBC4DB	MLL	2865B.6	3690	5860 CS	MS10-144
	CKSBC5D2	CKSBC5DB	MLL	2865B.6	4185	5860 CS	MS10-144
	CKSBC6D2	CKSBC6DB	MLL	2865B.6	4455	5860 CS	MS10-144
	CKSBC7D2	CKSBC7DB	MLL	2865B.6	4815	5860 CS	MS10-144
	CKSBC8D2	CKSBC8DB	MLL	2865B.6	5175	5860 CS	MS10-144
	CKSBC9D2	CKSBC9DB	MLL	2865B.6	5670	5860 CS	MS10-144
	CKSBCBD2	CKSBCBDB	MLL	2865B.6	6570	5860 CS	MS10-144
	CKSBC4G2	CKSBC4GB	MLL	2870B.9	3690	5860 CS	MS10-144
	CKSBC5G2	CKSBC5GB	MLL	2870B.9	4185	5860 CS	MS10-144
	CKSBC6G2	CKSBC6GB	MLL	2870B.9	4455	5860 CS	MS10-144
	CKSBC7G2	CKSBC7GB	MLL	2870B.9	4815	5860 CS	MS10-144
	CKSBC8G2	CKSBC8GB	MLL	2870B.9	5175	5860 CS	MS10-144
	CKSBC9G2	CKSBC9GB	MLL	2870B.9	5670	5860 CS	MS10-144
	CKSBCBG2	CKSBCBGB	MLL	2870B.9	6570	5860 CS	MS10-144

## VCBs for ML120E22 / ML140E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22 /FP</b>  <b>E140</b>	CKSCC5D1	CKSCC5DA	MLC	2865B.6	4185	5860 CS	MS10-144
	CKSCC6D1	CKSCC6DA	MLC	2865B.6	4455	5860 CS	MS10-144
	CKSCC7D1	CKSCC7DA	MLC	2865B.6	4815	5860 CS	MS10-144
	CKSCC8D1	CKSCC8DA	MLC	2865B.6	5175	5860 CS	MS10-144
	CKSCC9D1	CKSCC9DA	MLC	2865B.6	5670	5860 CS	MS10-144
	CKSCCBD1	CKSCCBDA	MLC	2865B.6	6570	5860 CS	MS10-144
	CKSCC5G1	CKSCC5GA	MLC	2870B.9	4185	5860 CS	MS10-144
	CKSCC6G1	CKSCC6GA	MLC	2870B.9	4455	5860 CS	MS10-144
	CKSCC7G1	CKSCC7GA	MLC	2870B.9	4815	5860 CS	MS10-144
	CKSCC8G1	CKSCC8GA	MLC	2870B.9	5175	5860 CS	MS10-144
	CKSCC9G1	CKSCC9GA	MLC	2870B.9	5670	5860 CS	MS10-144
	CKSCCBG1	CKSCCBGA	MLC	2870B.9	6570	5860 CS	MS10-144
	CKSCC5D2	CKSCC5DB	MLL	2865B.6	4185	5860 CS	MS10-144
	CKSCC6D2	CKSCC6DB	MLL	2865B.6	4455	5860 CS	MS10-144
CKSCC7D2	CKSCC7DB	MLL	2865B.6	4815	5860 CS	MS10-144	
CKSCC8D2	CKSCC8DB	MLL	2865B.6	5175	5860 CS	MS10-144	
CKSCC9D2	CKSCC9DB	MLL	2865B.6	5670	5860 CS	MS10-144	
CKSCCBD2	CKSCCBDB	MLL	2865B.6	6570	5860 CS	MS10-144	
CKSCC5G2	CKSCC5GB	MLL	2870B.9	4185	5860 CS	MS10-144	
CKSCC6G2	CKSCC6GB	MLL	2870B.9	4455	5860 CS	MS10-144	
CKSCC7G2	CKSCC7GB	MLL	2870B.9	4815	5860 CS	MS10-144	
CKSCC8G2	CKSCC8GB	MLL	2870B.9	5175	5860 CS	MS10-144	
CKSCC9G2	CKSCC9GB	MLL	2870B.9	5670	5860 CS	MS10-144	
CKSCCBG2	CKSCCBGB	MLL	2870B.9	6570	5860 CS	MS10-144	



## VCBs for ML120E25 / ML140E25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25</b>  <b>E140</b>	CKTAC2D1	CKTAC2DA	MLC	FSO-5206B(B)	3105	5860 CS	MS10-144
	CKTAC4D1	CKTAC4DA	MLC	FSO-5206B(B)	3690	5860 CS	MS10-144
	CKTAC5D1	CKTAC5DA	MLC	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTAC6D1	CKTAC6DA	MLC	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTAC7D1	CKTAC7DA	MLC	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTAC8D1	CKTAC8DA	MLC	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTAC9D1	CKTAC9DA	MLC	FSO-5206B(B)	5670	5860 CS	MS10-144
	CKTACBD1	CKTACBDA	MLC	FSO-5206B(B)	6570	5860 CS	MS10-144
	CKTAC2G1	CKTAC2GA	MLC	2895B.9	3105	5860 CS	MS10-144
	CKTAC4G1	CKTAC4GA	MLC	2895B.9	3690	5860 CS	MS10-144
	CKTAC5G1	CKTAC5GA	MLC	2895B.9	4185	5860 CS	MS10-144
	CKTAC6G1	CKTAC6GA	MLC	2895B.9	4455	5860 CS	MS10-144
	CKTAC7G1	CKTAC7GA	MLC	2895B.9	4815	5860 CS	MS10-144
	CKTAC8G1	CKTAC8GA	MLC	2895B.9	5175	5860 CS	MS10-144
	CKTAC9G1	CKTAC9GA	MLC	2895B.9	5670	5860 CS	MS10-144
	CKTACBG1	CKTACBGA	MLC	2895B.9	6570	5860 CS	MS10-144
	CKTAC4D2	CKTAC4DB	MLL	FSO-5206B(B)	3690	5860 CS	MS10-144
	CKTAC5D2	CKTAC5DB	MLL	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTAC6D2	CKTAC6DB	MLL	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTAC7D2	CKTAC7DB	MLL	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTAC8D2	CKTAC8DB	MLL	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTAC9D2	CKTAC9DB	MLL	FSO-5206B(B)	5670	5860 CS	MS10-144
	CKTACBD2	CKTACBDB	MLL	FSO-5206B(B)	6570	5860 CS	MS10-144
	CKTAC4G2	CKTAC4GB	MLL	2895B.9	3690	5860 CS	MS10-144
	CKTAC5G2	CKTAC5GB	MLL	2895B.9	4185	5860 CS	MS10-144
	CKTAC6G2	CKTAC6GB	MLL	2895B.9	4455	5860 CS	MS10-144
	CKTAC7G2	CKTAC7GB	MLL	2895B.9	4815	5860 CS	MS10-144
	CKTAC8G2	CKTAC8GB	MLL	2895B.9	5175	5860 CS	MS10-144
CKTAC9G2	CKTAC9GB	MLL	2895B.9	5670	5860 CS	MS10-144	
CKTACBG2	CKTACBGB	MLL	2895B.9	6570	5860 CS	MS10-144	

## VCBs for ML120E25 / ML140E25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25 / P</b>  <b>E140</b>	CKTBC2D1	CKTBC2DA	MLC	FSO-5206B(B)	3105	5860 CS	MS10-144
	CKTBC4D1	CKTBC4DA	MLC	FSO-5206B(B)	3690	5860 CS	MS10-144
	CKTBC5D1	CKTBC5DA	MLC	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTBC6D1	CKTBC6DA	MLC	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTBC7D1	CKTBC7DA	MLC	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTBC8D1	CKTBC8DA	MLC	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTBC9D1	CKTBC9DA	MLC	FSO-5206B(B)	5670	5860 CS	MS10-144
	CKTBCBD1	CKTBCBDA	MLC	FSO-5206B(B)	6570	5860 CS	MS10-144
	CKTBC2G1	CKTBC2GA	MLC	2895B.9	3105	5860 CS	MS10-144
	CKTBC4G1	CKTBC4GA	MLC	2895B.9	3690	5860 CS	MS10-144
CKTBC5G1	CKTBC5GA	MLC	2895B.9	4185	5860 CS	MS10-144	
CKTBC6G1	CKTBC6GA	MLC	2895B.9	4455	5860 CS	MS10-144	
CKTBC7G1	CKTBC7GA	MLC	2895B.9	4815	5860 CS	MS10-144	
CKTBC8G1	CKTBC8GA	MLC	2895B.9	5175	5860 CS	MS10-144	
CKTBC9G1	CKTBC9GA	MLC	2895B.9	5670	5860 CS	MS10-144	
CKTBCBG1	CKTBCBGA	MLC	2895B.9	6570	5860 CS	MS10-144	
CKTBC4D2	CKTBC4DB	MLL	FSO-5206B(B)	3690	5860 CS	MS10-144	
CKTBC5D2	CKTBC5DB	MLL	FSO-5206B(B)	4185	5860 CS	MS10-144	
CKTBC6D2	CKTBC6DB	MLL	FSO-5206B(B)	4455	5860 CS	MS10-144	
CKTBC7D2	CKTBC7DB	MLL	FSO-5206B(B)	4815	5860 CS	MS10-144	
CKTBC8D2	CKTBC8DB	MLL	FSO-5206B(B)	5175	5860 CS	MS10-144	
CKTBC9D2	CKTBC9DB	MLL	FSO-5206B(B)	5670	5860 CS	MS10-144	
CKTBCBD2	CKTBCBDB	MLL	FSO-5206B(B)	6570	5860 CS	MS10-144	
CKTBC4G2	CKTBC4GB	MLL	2895B.9	3690	5860 CS	MS10-144	
CKTBC5G2	CKTBC5GB	MLL	2895B.9	4185	5860 CS	MS10-144	
CKTBC6G2	CKTBC6GB	MLL	2895B.9	4455	5860 CS	MS10-144	
CKTBC7G2	CKTBC7GB	MLL	2895B.9	4815	5860 CS	MS10-144	
CKTBC8G2	CKTBC8GB	MLL	2895B.9	5175	5860 CS	MS10-144	
CKTBC9G2	CKTBC9GB	MLL	2895B.9	5670	5860 CS	MS10-144	
CKTBCBG2	CKTBCBGB	MLL	2895B.9	6570	5860 CS	MS10-144	

## VCBs for ML120E25 / ML140E25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25 /FP</b>  <b>E140</b>	CKTCC5D1	CKTCC5DA	MLC	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTCC6D1	CKTCC6DA	MLC	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTCC7D1	CKTCC7DA	MLC	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTCC8D1	CKTCC8DA	MLC	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTCC9D1	CKTCC9DA	MLC	FSO-5206B(B)	5670	5860 CS	MS10-144
	CKTCCBD1	CKTCCBDA	MLC	FSO-5206B(B)	6570	5860 CS	MS10-144
	CKTCC5G1	CKTCC5GA	MLC	2895B.9	4185	5860 CS	MS10-144
	CKTCC6G1	CKTCC6GA	MLC	2895B.9	4455	5860 CS	MS10-144
	CKTCC7G1	CKTCC7GA	MLC	2895B.9	4815	5860 CS	MS10-144
	CKTCC8G1	CKTCC8GA	MLC	2895B.9	5175	5860 CS	MS10-144
	CKTCC9G1	CKTCC9GA	MLC	2895B.9	5670	5860 CS	MS10-144
	CKTCCBG1	CKTCCBGA	MLC	2895B.9	6570	5860 CS	MS10-144
	CKTCC5D2	CKTCC5DB	MLL	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTCC6D2	CKTCC6DB	MLL	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTCC7D2	CKTCC7DB	MLL	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTCC8D2	CKTCC8DB	MLL	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTCC9D2	CKTCC9DB	MLL	FSO-5206B(B)	5670	5860 CS	MS10-144
	CKTCCBD2	CKTCCBDB	MLL	FSO-5206B(B)	6570	5860 CS	MS10-144
	CKTCC5G2	CKTCC5GB	MLL	2895B.9	4185	5860 CS	MS10-144
	CKTCC6G2	CKTCC6GB	MLL	2895B.9	4455	5860 CS	MS10-144
	CKTCC7G2	CKTCC7GB	MLL	2895B.9	4815	5860 CS	MS10-144
	CKTCC8G2	CKTCC8GB	MLL	2895B.9	5175	5860 CS	MS10-144
	CKTCC9G2	CKTCC9GB	MLL	2895B.9	5670	5860 CS	MS10-144
	CKTCCBG2	CKTCCBGB	MLL	2895B.9	6570	5860 CS	MS10-144

## VCBs for ML120E28 / ML140E28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E28</b>  <b>E140</b>	CKUAC2G1	CKUAC2GA	MLC	2895B.9	3105	5860 CS	MS10-144
	CKUAC4G1	CKUAC4GA	MLC	2895B.9	3690	5860 CS	MS10-144
	CKUAC5G1	CKUAC5GA	MLC	2895B.9	4185	5860 CS	MS10-144
	CKUAC6G1	CKUAC6GA	MLC	2895B.9	4455	5860 CS	MS10-144
	CKUAC7G1	CKUAC7GA	MLC	2895B.9	4815	5860 CS	MS10-144
	CKUAC8G1	CKUAC8GA	MLC	2895B.9	5175	5860 CS	MS10-144
	CKUAC9G1	CKUAC9GA	MLC	2895B.9	5670	5860 CS	MS10-144
	CKUACBG1	CKUACBGA	MLC	2895B.9	6570	5860 CS	MS10-144
	CKUAC4G2	CKUAC4GB	MLL	2895B.9	3690	5860 CS	MS10-144
	CKUAC5G2	CKUAC5GB	MLL	2895B.9	4185	5860 CS	MS10-144
	CKUAC6G2	CKUAC6GB	MLL	2895B.9	4455	5860 CS	MS10-144
	CKUAC7G2	CKUAC7GB	MLL	2895B.9	4815	5860 CS	MS10-144
	CKUAC8G2	CKUAC8GB	MLL	2895B.9	5175	5860 CS	MS10-144
	CKUAC9G2	CKUAC9GB	MLL	2895B.9	5670	5860 CS	MS10-144
	CKUACBG2	CKUACBGB	MLL	2895B.9	6570	5860 CS	MS10-144

## VCBs for ML120E28 / ML140E28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E28 / P</b>  <b>E140</b>	CKUBC2G1	CKUBC2GA	MLC	2895B.9	3105	5860 CS	MS10-144
	CKUBC4G1	CKUBC4GA	MLC	2895B.9	3690	5860 CS	MS10-144
	CKUBC5G1	CKUBC5GA	MLC	2895B.9	4185	5860 CS	MS10-144
	CKUBC6G1	CKUBC6GA	MLC	2895B.9	4455	5860 CS	MS10-144
	CKUBC7G1	CKUBC7GA	MLC	2895B.9	4815	5860 CS	MS10-144
	CKUBC8G1	CKUBC8GA	MLC	2895B.9	5175	5860 CS	MS10-144
	CKUBC9G1	CKUBC9GA	MLC	2895B.9	5670	5860 CS	MS10-144
	CKUBCBG1	CKUBCBGA	MLC	2895B.9	6570	5860 CS	MS10-144
	CKUBC4G2	CKUBC4GB	MLL	2895B.9	3690	5860 CS	MS10-144
	CKUBC5G2	CKUBC5GB	MLL	2895B.9	4185	5860 CS	MS10-144
	CKUBC6G2	CKUBC6GB	MLL	2895B.9	4455	5860 CS	MS10-144
	CKUBC7G2	CKUBC7GB	MLL	2895B.9	4815	5860 CS	MS10-144
	CKUBC8G2	CKUBC8GB	MLL	2895B.9	5175	5860 CS	MS10-144
	CKUBC9G2	CKUBC9GB	MLL	2895B.9	5670	5860 CS	MS10-144
	CKUBCBG2	CKUBCBGB	MLL	2895B.9	6570	5860 CS	MS10-144

## VCBs for ML120E28 / ML140E28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E28 /FP</b>  <b>E140</b>	CKUCC5G1	CKUCC5GA	MLC	2895B.9	4185	5860 CS	MS10-144
	CKUCC6G1	CKUCC6GA	MLC	2895B.9	4455	5860 CS	MS10-144
	CKUCC7G1	CKUCC7GA	MLC	2895B.9	4815	5860 CS	MS10-144
	CKUCC8G1	CKUCC8GA	MLC	2895B.9	5175	5860 CS	MS10-144
	CKUCC9G1	CKUCC9GA	MLC	2895B.9	5670	5860 CS	MS10-144
	CKUCCBG1	CKUCCBGA	MLC	2895B.9	6570	5860 CS	MS10-144
	CKUCC5G2	CKUCC5GB	MLL	2895B.9	4185	5860 CS	MS10-144
	CKUCC6G2	CKUCC6GB	MLL	2895B.9	4455	5860 CS	MS10-144
	CKUCC7G2	CKUCC7GB	MLL	2895B.9	4815	5860 CS	MS10-144
	CKUCC8G2	CKUCC8GB	MLL	2895B.9	5175	5860 CS	MS10-144
	CKUCC9G2	CKUCC9GB	MLL	2895B.9	5670	5860 CS	MS10-144
	CKUCCBG2	CKUCCBGB	MLL	2895B.9	6570	5860 CS	MS10-144

## VCBs for 120E18D / 130E18D MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML130E18 D</b>  <b>E140</b>	CKRAE4D4	CKRAE4DD	MLD	2865B.6	3690	5860 CS	MS10-144
	CKRAE5D4	CKRAE5DD	MLD	2865B.6	4185	5860 CS	MS10-144
	CKRAE6D4	CKRAE6DD	MLD	2865B.6	4455	5860 CS	MS10-144
	CKRAE7D4	CKRAE7DD	MLD	2865B.6	4815	5860 CS	MS10-144
	CKRAE8D4	CKRAE8DD	MLD	2865B.6	5175	5860 CS	MS10-144
	CKRAE4G4	CKRAE4GD	MLD	2870B.9	3690	5860 CS	MS10-144
	CKRAE5G4	CKRAE5GD	MLD	2870B.9	4185	5860 CS	MS10-144
	CKRAE6G4	CKRAE6GD	MLD	2870B.9	4455	5860 CS	MS10-144
	CKRAE7G4	CKRAE7GD	MLD	2870B.9	4815	5860 CS	MS10-144
	CKRAE8G4	CKRAE8GD	MLD	2870B.9	5175	5860 CS	MS10-144
<b>ML130E18D /P</b>  <b>E140</b>	CKRBE4D4	CKRBE4DD	MLD	2865B.6	3690	5860 CS	MS10-144
	CKRBE5D4	CKRBE5DD	MLD	2865B.6	4185	5860 CS	MS10-144
	CKRBE6D4	CKRBE6DD	MLD	2865B.6	4455	5860 CS	MS10-144
	CKRBE7D4	CKRBE7DD	MLD	2865B.6	4815	5860 CS	MS10-144
	CKRBE8D4	CKRBE8DD	MLD	2865B.6	5175	5860 CS	MS10-144
	CKRBE4G4	CKRBE4GD	MLD	2870B.9	3690	5860 CS	MS10-144
	CKRBE5G4	CKRBE5GD	MLD	2870B.9	4185	5860 CS	MS10-144
	CKRBE6G4	CKRBE6GD	MLD	2870B.9	4455	5860 CS	MS10-144
	CKRBE7G4	CKRBE7GD	MLD	2870B.9	4815	5860 CS	MS10-144
	CKRBE8G4	CKRBE8GD	MLD	2870B.9	5175	5860 CS	MS10-144

## VCBs for 120E25D / ML130E25D MLD

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML130E25 D</b>  <b>E140</b>	CKTAE4D4	CKTAE4DD	MLD	FSO-5206B(B)	3690	5860 CS	MS10-144
	CKTAE5D4	CKTAE5DD	MLD	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTAE6D4	CKTAE6DD	MLD	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTAE7D4	CKTAE7DD	MLD	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTAE8D4	CKTAE8DD	MLD	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTAE4G4	CKTAE4GD	MLD	2895B.9	3690	5860 CS	MS10-144
	CKTAE5G4	CKTAE5GD	MLD	2895B.9	4185	5860 CS	MS10-144
	CKTAE6G4	CKTAE6GD	MLD	2895B.9	4455	5860 CS	MS10-144
	CKTAE7G4	CKTAE7GD	MLD	2895B.9	4815	5860 CS	MS10-144
	CKTAE8G4	CKTAE8GD	MLD	2895B.9	5175	5860 CS	MS10-144
<b>ML130E25D /P</b>  <b>E140</b>	CKTBE4D4	CKTBE4DD	MLD	FSO-5206B(B)	3690	5860 CS	MS10-144
	CKTBE5D4	CKTBE5DD	MLD	FSO-5206B(B)	4185	5860 CS	MS10-144
	CKTBE6D4	CKTBE6DD	MLD	FSO-5206B(B)	4455	5860 CS	MS10-144
	CKTBE7D4	CKTBE7DD	MLD	FSO-5206B(B)	4815	5860 CS	MS10-144
	CKTBE8D4	CKTBE8DD	MLD	FSO-5206B(B)	5175	5860 CS	MS10-144
	CKTBE4G4	CKTBE4GD	MLD	2895B.9	3690	5860 CS	MS10-144
	CKTBE5G4	CKTBE5GD	MLD	2895B.9	4185	5860 CS	MS10-144
	CKTBE6G4	CKTBE6GD	MLD	2895B.9	4455	5860 CS	MS10-144
	CKTBE7G4	CKTBE7GD	MLD	2895B.9	4815	5860 CS	MS10-144
	CKTBE8G4	CKTBE8GD	MLD	2895B.9	5175	5860 CS	MS10-144



## VCBs for ML120E22 / ML140E22 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22</b>  <b>E140</b>	CKSAC2T1	CKSAC2TA	MLC	3000	3105	5860 CS	MS10-144
	CKSAC4T1	CKSAC4TA	MLC	3000	3690	5860 CS	MS10-144
	CKSAC5T1	CKSAC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKSAC6T1	CKSAC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKSAC7T1	CKSAC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKSAC8T1	CKSAC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKSAC9T1	CKSAC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKSACBT1	CKSACBTA	MLC	3000	6570	5860 CS	MS10-144
	CKSAC4T2	CKSAC4TB	MLL	3000	3690	5860 CS	MS10-144
	CKSAC5T2	CKSAC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKSAC6T2	CKSAC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKSAC7T2	CKSAC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKSAC8T2	CKSAC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKSAC9T2	CKSAC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKSACBT2	CKSACBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML120E22 / ML140E22 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22 / P</b>  <b>E140</b>	CKSBC2T1	CKSBC2TA	MLC	3000	3105	5860 CS	MS10-144
	CKSBC4T1	CKSBC4TA	MLC	3000	3690	5860 CS	MS10-144
	CKSBC5T1	CKSBC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKSBC6T1	CKSBC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKSBC7T1	CKSBC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKSBC8T1	CKSBC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKSBC9T1	CKSBC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKSBCBT1	CKSBCBTA	MLC	3000	6570	5860 CS	MS10-144
	CKSBC4T2	CKSBC4TB	MLL	3000	3690	5860 CS	MS10-144
	CKSBC5T2	CKSBC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKSBC6T2	CKSBC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKSBC7T2	CKSBC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKSBC8T2	CKSBC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKSBC9T2	CKSBC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKSBCBT2	CKSBCBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML120E22 / ML140E22 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E22 /FP</b>  <b>E140</b>	CKSCC5T1	CKSCC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKSCC6T1	CKSCC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKSCC7T1	CKSCC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKSCC8T1	CKSCC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKSCC9T1	CKSCC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKSCCBT1	CKSCCBTA	MLC	3000	6570	5860 CS	MS10-144
	CKSCC5T2	CKSCC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKSCC6T2	CKSCC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKSCC7T2	CKSCC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKSCC8T2	CKSCC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKSCC9T2	CKSCC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKSCCBT2	CKSCCBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML120E25 / ML140E25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25</b>  <b>E140</b>	CKTAC2T1	CKTAC2TA	MLC	3000	3105	5860 CS	MS10-144
	CKTAC4T1	CKTAC4TA	MLC	3000	3690	5860 CS	MS10-144
	CKTAC5T1	CKTAC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKTAC6T1	CKTAC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKTAC7T1	CKTAC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKTAC8T1	CKTAC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKTAC9T1	CKTAC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKTACBT1	CKTACBTA	MLC	3000	6570	5860 CS	MS10-144
	CKTAC4T2	CKTAC4TB	MLL	3000	3690	5860 CS	MS10-144
	CKTAC5T2	CKTAC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKTAC6T2	CKTAC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKTAC7T2	CKTAC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKTAC8T2	CKTAC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKTAC9T2	CKTAC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKTACBT2	CKTACBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML120E25 / ML140E25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25 / P</b>  <b>E140</b>	CKTBC2T1	CKTBC2TA	MLC	3000	3105	5860 CS	MS10-144
	CKTBC4T1	CKTBC4TA	MLC	3000	3690	5860 CS	MS10-144
	CKTBC5T1	CKTBC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKTBC6T1	CKTBC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKTBC7T1	CKTBC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKTBC8T1	CKTBC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKTBC9T1	CKTBC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKTBCBT1	CKTBCBTA	MLC	3000	6570	5860 CS	MS10-144
	CKTBC4T2	CKTBC4TB	MLL	3000	3690	5860 CS	MS10-144
	CKTBC5T2	CKTBC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKTBC6T2	CKTBC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKTBC7T2	CKTBC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKTBC8T2	CKTBC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKTBC9T2	CKTBC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKTBCBT2	CKTBCBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML120E25 / ML140E25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25 /FP</b>  <b>E140</b>	CKTCC5T1	CKTCC5TA	MLC	3000	4185	5860 CS	MS10-144
	CKTCC6T1	CKTCC6TA	MLC	3000	4455	5860 CS	MS10-144
	CKTCC7T1	CKTCC7TA	MLC	3000	4815	5860 CS	MS10-144
	CKTCC8T1	CKTCC8TA	MLC	3000	5175	5860 CS	MS10-144
	CKTCC9T1	CKTCC9TA	MLC	3000	5670	5860 CS	MS10-144
	CKTCCBT1	CKTCCBTA	MLC	3000	6570	5860 CS	MS10-144
	CKTCC5T2	CKTCC5TB	MLL	3000	4185	5860 CS	MS10-144
	CKTCC6T2	CKTCC6TB	MLL	3000	4455	5860 CS	MS10-144
	CKTCC7T2	CKTCC7TB	MLL	3000	4815	5860 CS	MS10-144
	CKTCC8T2	CKTCC8TB	MLL	3000	5175	5860 CS	MS10-144
	CKTCC9T2	CKTCC9TB	MLL	3000	5670	5860 CS	MS10-144
	CKTCCBT2	CKTCCBTB	MLL	3000	6570	5860 CS	MS10-144

## VCBs for ML150E18/FP

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E18 / FP</b>  <b>E160</b>	CMRCC5D1	CMRCC5DA	MLC	2865B.6	4185	5860 CL	MS10-164
	CMRCC6D1	CMRCC6DA	MLC	2865B.6	4455	5860 CL	MS10-164
	CMRCC7D1	CMRCC7DA	MLC	2865B.6	4815	5860 CL	MS10-164
	CMRCC8D1	CMRCC8DA	MLC	2865B.6	5175	5860 CL	MS10-164
	CMRCC9D1	CMRCC9DA	MLC	2865B.6	5670	5860 CL	MS10-164
	CMRCCBD1	CMRCCBDA	MLC	2865B.6	6570	5860 CL	MS10-164
	CMRCC5G1	CMRCC5GA	MLC	2870B.9	4185	5860 CL	MS10-164
	CMRCC6G1	CMRCC6GA	MLC	2870B.9	4455	5860 CL	MS10-164
	CMRCC7G1	CMRCC7GA	MLC	2870B.9	4815	5860 CL	MS10-164
	CMRCC8G1	CMRCC8GA	MLC	2870B.9	5175	5860 CL	MS10-164
	CMRCC9G1	CMRCC9GA	MLC	2870B.9	5670	5860 CL	MS10-164
	CMRCCBG1	CMRCCBGA	MLC	2870B.9	6570	5860 CL	MS10-164
	CMRCC5D2	CMRCC5DB	MLL	2865B.6	4185	5860 CL	MS10-164
	CMRCC6D2	CMRCC6DB	MLL	2865B.6	4455	5860 CL	MS10-164
	CMRCC7D2	CMRCC7DB	MLL	2865B.6	4815	5860 CL	MS10-164
	CMRCC8D2	CMRCC8DB	MLL	2865B.6	5175	5860 CL	MS10-164
	CMRCC9D2	CMRCC9DB	MLL	2865B.6	5670	5860 CL	MS10-164
	CMRCCBD2	CMRCCBDB	MLL	2865B.6	6570	5860 CL	MS10-164
	CMRCC5G2	CMRCC5GB	MLL	2870B.9	4185	5860 CL	MS10-164
	CMRCC6G2	CMRCC6GB	MLL	2870B.9	4455	5860 CL	MS10-164
	CMRCC7G2	CMRCC7GB	MLL	2870B.9	4815	5860 CL	MS10-164
	CMRCC8G2	CMRCC8GB	MLL	2870B.9	5175	5860 CL	MS10-164
	CMRCC9G2	CMRCC9GB	MLL	2870B.9	5670	5860 CL	MS10-164
	CMRCCBG2	CMRCCBGB	MLL	2870B.9	6570	5860 CL	MS10-164

## VCBs for ML150E22/FP

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E22 / FP</b>  <b>E160</b>	CMSCC5D1	CMSCC5DA	MLC	2865B.6	4185	5860 CL	MS10-164
	CMSCC6D1	CMSCC6DA	MLC	2865B.6	4455	5860 CL	MS10-164
	CMSCC7D1	CMSCC7DA	MLC	2865B.6	4815	5860 CL	MS10-164
	CMSCC8D1	CMSCC8DA	MLC	2865B.6	5175	5860 CL	MS10-164
	CMSCC9D1	CMSCC9DA	MLC	2865B.6	5670	5860 CL	MS10-164
	CMSCCBD1	CMSCCBDA	MLC	2865B.6	6570	5860 CL	MS10-164
	CMSCC5G1	CMSCC5GA	MLC	2870B.9	4185	5860 CL	MS10-164
	CMSCC6G1	CMSCC6GA	MLC	2870B.9	4455	5860 CL	MS10-164
	CMSCC7G1	CMSCC7GA	MLC	2870B.9	4815	5860 CL	MS10-164
	CMSCC8G1	CMSCC8GA	MLC	2870B.9	5175	5860 CL	MS10-164
	CMSCC9G1	CMSCC9GA	MLC	2870B.9	5670	5860 CL	MS10-164
	CMSCCBG1	CMSCCBGA	MLC	2870B.9	6570	5860 CL	MS10-164
	CMSCC5D2	CMSCC5DB	MLL	2865B.6	4185	5860 CL	MS10-164
	CMSCC6D2	CMSCC6DB	MLL	2865B.6	4455	5860 CL	MS10-164
	CMSCC7D2	CMSCC7DB	MLL	2865B.6	4815	5860 CL	MS10-164
	CMSCC8D2	CMSCC8DB	MLL	2865B.6	5175	5860 CL	MS10-164
	CMSCC9D2	CMSCC9DB	MLL	2865B.6	5670	5860 CL	MS10-164
	CMSCCBD2	CMSCCBDB	MLL	2865B.6	6570	5860 CL	MS10-164
	CMSCC5G2	CMSCC5GB	MLL	2870B.9	4185	5860 CL	MS10-164
	CMSCC6G2	CMSCC6GB	MLL	2870B.9	4455	5860 CL	MS10-164
	CMSCC7G2	CMSCC7GB	MLL	2870B.9	4815	5860 CL	MS10-164
	CMSCC8G2	CMSCC8GB	MLL	2870B.9	5175	5860 CL	MS10-164
	CMSCC9G2	CMSCC9GB	MLL	2870B.9	5670	5860 CL	MS10-164
	CMSCCBG2	CMSCCBGB	MLL	2870B.9	6570	5860 CL	MS10-164



## VCBs for ML150E25/FP

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E25 /FP</b>  <b>E160</b>	CMTCC5D1	CMTCC5DA	MLC	FSO-5206B(B)	4185	5860 CL	MS10-164
	CMTCC6D1	CMTCC6DA	MLC	FSO-5206B(B)	4455	5860 CL	MS10-164
	CMTCC7D1	CMTCC7DA	MLC	FSO-5206B(B)	4815	5860 CL	MS10-164
	CMTCC8D1	CMTCC8DA	MLC	FSO-5206B(B)	5175	5860 CL	MS10-164
	CMTCC9D1	CMTCC9DA	MLC	FSO-5206B(B)	5670	5860 CL	MS10-164
	CMTCCBD1	CMTCCBDA	MLC	FSO-5206B(B)	6570	5860 CL	MS10-164
	CMTCC5G1	CMTCC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMTCC6G1	CMTCC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMTCC7G1	CMTCC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMTCC8G1	CMTCC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
	CMTCC9G1	CMTCC9GA	MLC	2895B.9	5670	5860 CL	MS10-164
	CMTCCBG1	CMTCCBGA	MLC	2895B.9	6570	5860 CL	MS10-164
	CMTCC5D2	CMTCC5DB	MLL	FSO-5206B(B)	4185	5860 CL	MS10-164
	CMTCC6D2	CMTCC6DB	MLL	FSO-5206B(B)	4455	5860 CL	MS10-164
CMTCC7D2	CMTCC7DB	MLL	FSO-5206B(B)	4815	5860 CL	MS10-164	
CMTCC8D2	CMTCC8DB	MLL	FSO-5206B(B)	5175	5860 CL	MS10-164	
CMTCC9D2	CMTCC9DB	MLL	FSO-5206B(B)	5670	5860 CL	MS10-164	
CMTCCBD2	CMTCCBDB	MLL	FSO-5206B(B)	6570	5860 CL	MS10-164	
CMTCC5G2	CMTCC5GB	MLL	2895B.9	4185	5860 CL	MS10-164	
CMTCC6G2	CMTCC6GB	MLL	2895B.9	4455	5860 CL	MS10-164	
CMTCC7G2	CMTCC7GB	MLL	2895B.9	4815	5860 CL	MS10-164	
CMTCC8G2	CMTCC8GB	MLL	2895B.9	5175	5860 CL	MS10-164	
CMTCC9G2	CMTCC9GB	MLL	2895B.9	5670	5860 CL	MS10-164	
CMTCCBG2	CMTCCBGB	MLL	2895B.9	6570	5860 CL	MS10-164	

## VCBs for ML150E28/FP

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E28 /FP</b>  <b>Q160</b>	CMUCC5G1	CMUCC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMUCC6G1	CMUCC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMUCC7G1	CMUCC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMUCC8G1	CMUCC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
	CMUCC9G1	CMUCC9GA	MLC	2895B.9	5670	5860 CL	MS10-164
	CMUCCBG1	CMUCCBGA	MLC	2895B.9	6570	5860 CL	MS10-164
	CMUCC5G2	CMUCC5GB	MLL	2895B.9	4185	5860 CL	MS10-164
	CMUCC6G2	CMUCC6GB	MLL	2895B.9	4455	5860 CL	MS10-164
	CMUCC7G2	CMUCC7GB	MLL	2895B.9	4815	5860 CL	MS10-164
	CMUCC8G2	CMUCC8GB	MLL	2895B.9	5175	5860 CL	MS10-164
	CMUCC9G2	CMUCC9GB	MLL	2895B.9	5670	5860 CL	MS10-164
	CMUCCBG2	CMUCCBGB	MLL	2895B.9	6570	5860 CL	MS10-164

## VCBs for ML150E30/FP

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E30 /FP</b>  <b>E160</b>	CMVCC5G1	CMVCC5GA	MLC	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVCC6G1	CMVCC6GA	MLC	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVCC7G1	CMVCC7GA	MLC	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVCC8G1	CMVCC8GA	MLC	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVCC9G1	CMVCC9GA	MLC	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVCCBG1	CMVCCBGA	MLC	FS-8309A(B)	6570	5860 CL	MS10-164
	CMVCC5G2	CMVCC5GB	MLL	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVCC6G2	CMVCC6GB	MLL	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVCC7G2	CMVCC7GB	MLL	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVCC8G2	CMVCC8GB	MLL	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVCC9G2	CMVCC9GB	MLL	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVCCBG2	CMVCCBGB	MLL	FS-8309A(B)	6570	5860 CL	MS10-164

## VCBs for ML150E18 / ML160E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E18</b>  <b>E160</b>	CMRAC2D1	CMRAC2DA	MLC	2865B.6	3105	5860 CL	MS10-164
	CMRAC4D1	CMRAC4DA	MLC	2865B.6	3690	5860 CL	MS10-164
	CMRAC5D1	CMRAC5DA	MLC	2865B.6	4185	5860 CL	MS10-164
	CMRAC6D1	CMRAC6DA	MLC	2865B.6	4455	5860 CL	MS10-164
	CMRAC7D1	CMRAC7DA	MLC	2865B.6	4815	5860 CL	MS10-164
	CMRAC8D1	CMRAC8DA	MLC	2865B.6	5175	5860 CL	MS10-164
	CMRAC9D1	CMRAC9DA	MLC	2865B.6	5670	5860 CL	MS10-164
	CMRACBD1	CMRACBDA	MLC	2865B.6	6570	5860 CL	MS10-164
	CMRAC2G1	CMRAC2GA	MLC	2870B.9	3105	5860 CL	MS10-164
	CMRAC4G1	CMRAC4GA	MLC	2870B.9	3690	5860 CL	MS10-164
CMRAC5G1	CMRAC5GA	MLC	2870B.9	4185	5860 CL	MS10-164	
CMRAC6G1	CMRAC6GA	MLC	2870B.9	4455	5860 CL	MS10-164	
CMRAC7G1	CMRAC7GA	MLC	2870B.9	4815	5860 CL	MS10-164	
CMRAC8G1	CMRAC8GA	MLC	2870B.9	5175	5860 CL	MS10-164	
CMRAC9G1	CMRAC9GA	MLC	2870B.9	5670	5860 CL	MS10-164	
CMRACBG1	CMRACBGA	MLC	2870B.9	6570	5860 CL	MS10-164	
CMRAC4D2	CMRAC4DB	MLL	2865B.6	3690	5860 CL	MS10-164	
CMRAC5D2	CMRAC5DB	MLL	2865B.6	4185	5860 CL	MS10-164	
CMRAC6D2	CMRAC6DB	MLL	2865B.6	4455	5860 CL	MS10-164	
CMRAC7D2	CMRAC7DB	MLL	2865B.6	4815	5860 CL	MS10-164	
CMRAC8D2	CMRAC8DB	MLL	2865B.6	5175	5860 CL	MS10-164	
CMRAC9D2	CMRAC9DB	MLL	2865B.6	5670	5860 CL	MS10-164	
CMRACBD2	CMRACBDB	MLL	2865B.6	6570	5860 CL	MS10-164	
CMRAC4G2	CMRAC4GB	MLL	2870B.9	3690	5860 CL	MS10-164	
CMRAC5G2	CMRAC5GB	MLL	2870B.9	4185	5860 CL	MS10-164	
CMRAC6G2	CMRAC6GB	MLL	2870B.9	4455	5860 CL	MS10-164	
CMRAC7G2	CMRAC7GB	MLL	2870B.9	4815	5860 CL	MS10-164	
CMRAC8G2	CMRAC8GB	MLL	2870B.9	5175	5860 CL	MS10-164	
CMRAC9G2	CMRAC9GB	MLL	2870B.9	5670	5860 CL	MS10-164	
CMRACBG2	CMRACBGB	MLL	2870B.9	6570	5860 CL	MS10-164	

## VCBs for ML150E18 / ML160E18

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E18 / P</b>  <b>E160</b>	CMRBC2D1	CMRBC2DA	MLC	2865B.6	3105	5860 CL	MS10-164
	CMRBC4D1	CMRBC4DA	MLC	2865B.6	3690	5860 CL	MS10-164
	CMRBC5D1	CMRBC5DA	MLC	2865B.6	4185	5860 CL	MS10-164
	CMRBC6D1	CMRBC6DA	MLC	2865B.6	4455	5860 CL	MS10-164
	CMRBC7D1	CMRBC7DA	MLC	2865B.6	4815	5860 CL	MS10-164
	CMRBC8D1	CMRBC8DA	MLC	2865B.6	5175	5860 CL	MS10-164
	CMRBC9D1	CMRBC9DA	MLC	2865B.6	5670	5860 CL	MS10-164
	CMRBCBD1	CMRBCBDA	MLC	2865B.6	6570	5860 CL	MS10-164
	CMRBC2G1	CMRBC2GA	MLC	2870B.9	3105	5860 CL	MS10-164
	CMRBC4G1	CMRBC4GA	MLC	2870B.9	3690	5860 CL	MS10-164
	CMRBC5G1	CMRBC5GA	MLC	2870B.9	4185	5860 CL	MS10-164
	CMRBC6G1	CMRBC6GA	MLC	2870B.9	4455	5860 CL	MS10-164
	CMRBC7G1	CMRBC7GA	MLC	2870B.9	4815	5860 CL	MS10-164
	CMRBC8G1	CMRBC8GA	MLC	2870B.9	5175	5860 CL	MS10-164
	CMRBC9G1	CMRBC9GA	MLC	2870B.9	5670	5860 CL	MS10-164
	CMRBCBG1	CMRBCBGA	MLC	2870B.9	6570	5860 CL	MS10-164
CMRBC4D2	CMRBC4DB	MLL	2865B.6	3690	5860 CL	MS10-164	
CMRBC5D2	CMRBC5DB	MLL	2865B.6	4185	5860 CL	MS10-164	
CMRBC6D2	CMRBC6DB	MLL	2865B.6	4455	5860 CL	MS10-164	
CMRBC7D2	CMRBC7DB	MLL	2865B.6	4815	5860 CL	MS10-164	
CMRBC8D2	CMRBC8DB	MLL	2865B.6	5175	5860 CL	MS10-164	
CMRBC9D2	CMRBC9DB	MLL	2865B.6	5670	5860 CL	MS10-164	
CMRBCBD2	CMRBCBDB	MLL	2865B.6	6570	5860 CL	MS10-164	
CMRBC4G2	CMRBC4GB	MLL	2870B.9	3690	5860 CL	MS10-164	
CMRBC5G2	CMRBC5GB	MLL	2870B.9	4185	5860 CL	MS10-164	
CMRBC6G2	CMRBC6GB	MLL	2870B.9	4455	5860 CL	MS10-164	
CMRBC7G2	CMRBC7GB	MLL	2870B.9	4815	5860 CL	MS10-164	
CMRBC8G2	CMRBC8GB	MLL	2870B.9	5175	5860 CL	MS10-164	
CMRBC9G2	CMRBC9GB	MLL	2870B.9	5670	5860 CL	MS10-164	
CMRBCBG2	CMRBCBGB	MLL	2870B.9	6570	5860 CL	MS10-164	

## VCBs for ML150E22 / ML160E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E22</b>  <b>E160</b>	CMSAC2D1	CMSAC2DA	MLC	2865B.6	3105	5860 CL	MS10-144
	CMSAC4D1	CMSAC4DA	MLC	2865B.6	3690	5860 CL	MS10-144
	CMSAC5D1	CMSAC5DA	MLC	2865B.6	4185	5860 CL	MS10-144
	CMSAC6D1	CMSAC6DA	MLC	2865B.6	4455	5860 CL	MS10-144
	CMSAC7D1	CMSAC7DA	MLC	2865B.6	4815	5860 CL	MS10-144
	CMSAC8D1	CMSAC8DA	MLC	2865B.6	5175	5860 CL	MS10-144
	CMSAC9D1	CMSAC9DA	MLC	2865B.6	5670	5860 CL	MS10-144
	CMSACBD1	CMSACBDA	MLC	2865B.6	6570	5860 CL	MS10-144
	CMSAC2G1	CMSAC2GA	MLC	2870B.9	3105	5860 CL	MS10-144
	CMSAC4G1	CMSAC4GA	MLC	2870B.9	3690	5860 CL	MS10-144
CMSAC5G1	CMSAC5GA	MLC	2870B.9	4185	5860 CL	MS10-144	
CMSAC6G1	CMSAC6GA	MLC	2870B.9	4455	5860 CL	MS10-144	
CMSAC7G1	CMSAC7GA	MLC	2870B.9	4815	5860 CL	MS10-144	
CMSAC8G1	CMSAC8GA	MLC	2870B.9	5175	5860 CL	MS10-144	
CMSAC9G1	CMSAC9GA	MLC	2870B.9	5670	5860 CL	MS10-144	
CMSACBG1	CMSACBGA	MLC	2870B.9	6570	5860 CL	MS10-144	
CMSAC4D2	CMSAC4DB	MLL	2865B.6	3690	5860 CL	MS10-144	
CMSAC5D2	CMSAC5DB	MLL	2865B.6	4185	5860 CL	MS10-144	
CMSAC6D2	CMSAC6DB	MLL	2865B.6	4455	5860 CL	MS10-144	
CMSAC7D2	CMSAC7DB	MLL	2865B.6	4815	5860 CL	MS10-144	
CMSAC8D2	CMSAC8DB	MLL	2865B.6	5175	5860 CL	MS10-144	
CMSAC9D2	CMSAC9DB	MLL	2865B.6	5670	5860 CL	MS10-144	
CMSACBD2	CMSACBDB	MLL	2865B.6	6570	5860 CL	MS10-144	
CMSAC4G2	CMSAC4GB	MLL	2870B.9	3690	5860 CL	MS10-144	
CMSAC5G2	CMSAC5GB	MLL	2870B.9	4185	5860 CL	MS10-144	
CMSAC6G2	CMSAC6GB	MLL	2870B.9	4455	5860 CL	MS10-144	
CMSAC7G2	CMSAC7GB	MLL	2870B.9	4815	5860 CL	MS10-144	
CMSAC8G2	CMSAC8GB	MLL	2870B.9	5175	5860 CL	MS10-144	
CMSAC9G2	CMSAC9GB	MLL	2870B.9	5670	5860 CL	MS10-144	
CMSACBG2	CMSACBGB	MLL	2870B.9	6570	5860 CL	MS10-144	

## VCBs for ML150E22 / ML160E22

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E22 / P</b>  <b>E160</b>	CMSBC2D1	CMSBC2DA	MLC	2865B.6	3105	5860 CL	MS10-144
	CMSBC4D1	CMSBC4DA	MLC	2865B.6	3690	5860 CL	MS10-144
	CMSBC5D1	CMSBC5DA	MLC	2865B.6	4185	5860 CL	MS10-144
	CMSBC6D1	CMSBC6DA	MLC	2865B.6	4455	5860 CL	MS10-144
	CMSBC7D1	CMSBC7DA	MLC	2865B.6	4815	5860 CL	MS10-144
	CMSBC8D1	CMSBC8DA	MLC	2865B.6	5175	5860 CL	MS10-144
	CMSBC9D1	CMSBC9DA	MLC	2865B.6	5670	5860 CL	MS10-144
	CMSBCBD1	CMSBCBDA	MLC	2865B.6	6570	5860 CL	MS10-144
	CMSBC2G1	CMSBC2GA	MLC	2870B.9	3105	5860 CL	MS10-144
	CMSBC4G1	CMSBC4GA	MLC	2870B.9	3690	5860 CL	MS10-144
CMSBC5G1	CMSBC5GA	MLC	2870B.9	4185	5860 CL	MS10-144	
CMSBC6G1	CMSBC6GA	MLC	2870B.9	4455	5860 CL	MS10-144	
CMSBC7G1	CMSBC7GA	MLC	2870B.9	4815	5860 CL	MS10-144	
CMSBC8G1	CMSBC8GA	MLC	2870B.9	5175	5860 CL	MS10-144	
CMSBC9G1	CMSBC9GA	MLC	2870B.9	5670	5860 CL	MS10-144	
CMSBCBG1	CMSBCBGA	MLC	2870B.9	6570	5860 CL	MS10-144	
CMSBC4D2	CMSBC4DB	MLL	2865B.6	3690	5860 CL	MS10-144	
CMSBC5D2	CMSBC5DB	MLL	2865B.6	4185	5860 CL	MS10-144	
CMSBC6D2	CMSBC6DB	MLL	2865B.6	4455	5860 CL	MS10-144	
CMSBC7D2	CMSBC7DB	MLL	2865B.6	4815	5860 CL	MS10-144	
CMSBC8D2	CMSBC8DB	MLL	2865B.6	5175	5860 CL	MS10-144	
CMSBC9D2	CMSBC9DB	MLL	2865B.6	5670	5860 CL	MS10-144	
CMSBCBD2	CMSBCBDB	MLL	2865B.6	6570	5860 CL	MS10-144	
CMSBC4G2	CMSBC4GB	MLL	2870B.9	3690	5860 CL	MS10-144	
CMSBC5G2	CMSBC5GB	MLL	2870B.9	4185	5860 CL	MS10-144	
CMSBC6G2	CMSBC6GB	MLL	2870B.9	4455	5860 CL	MS10-144	
CMSBC7G2	CMSBC7GB	MLL	2870B.9	4815	5860 CL	MS10-144	
CMSBC8G2	CMSBC8GB	MLL	2870B.9	5175	5860 CL	MS10-144	
CMSBC9G2	CMSBC9GB	MLL	2870B.9	5670	5860 CL	MS10-144	
CMSBCBG2	CMSBCBGB	MLL	2870B.9	6570	5860 CL	MS10-144	

## VCBs for ML150E25 / ML160E25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E25</b>  <b>E160</b>	CMTAC2D1	CMTAC2DA	MLC	FSO-5206B(B)	3105	5860 CL	MS10-164
	CMTAC4D1	CMTAC4DA	MLC	FSO-5206B(B)	3690	5860 CL	MS10-164
	CMTAC5D1	CMTAC5DA	MLC	FSO-5206B(B)	4185	5860 CL	MS10-164
	CMTAC6D1	CMTAC6DA	MLC	FSO-5206B(B)	4455	5860 CL	MS10-164
	CMTAC7D1	CMTAC7DA	MLC	FSO-5206B(B)	4815	5860 CL	MS10-164
	CMTAC8D1	CMTAC8DA	MLC	FSO-5206B(B)	5175	5860 CL	MS10-164
	CMTAC9D1	CMTAC9DA	MLC	FSO-5206B(B)	5670	5860 CL	MS10-164
	CMTACBD1	CMTACBDA	MLC	FSO-5206B(B)	6570	5860 CL	MS10-164
	CMTAC2G1	CMTAC2GA	MLC	2895B.9	3105	5860 CL	MS10-164
	CMTAC4G1	CMTAC4GA	MLC	2895B.9	3690	5860 CL	MS10-164
	CMTAC5G1	CMTAC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMTAC6G1	CMTAC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMTAC7G1	CMTAC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMTAC8G1	CMTAC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
CMTAC9G1	CMTAC9GA	MLC	2895B.9	5670	5860 CL	MS10-164	
CMTACBG1	CMTACBGA	MLC	2895B.9	6570	5860 CL	MS10-164	
CMTAC4D2	CMTAC4DB	MLL	FSO-5206B(B)	3690	5860 CL	MS10-164	
CMTAC5D2	CMTAC5DB	MLL	FSO-5206B(B)	4185	5860 CL	MS10-164	
CMTAC6D2	CMTAC6DB	MLL	FSO-5206B(B)	4455	5860 CL	MS10-164	
CMTAC7D2	CMTAC7DB	MLL	FSO-5206B(B)	4815	5860 CL	MS10-164	
CMTAC8D2	CMTAC8DB	MLL	FSO-5206B(B)	5175	5860 CL	MS10-164	
CMTAC9D2	CMTAC9DB	MLL	FSO-5206B(B)	5670	5860 CL	MS10-164	
CMTACBD2	CMTACBDB	MLL	FSO-5206B(B)	6570	5860 CL	MS10-164	
CMTAC4G2	CMTAC4GB	MLL	2895B.9	3690	5860 CL	MS10-164	
CMTAC5G2	CMTAC5GB	MLL	2895B.9	4185	5860 CL	MS10-164	
CMTAC6G2	CMTAC6GB	MLL	2895B.9	4455	5860 CL	MS10-164	
CMTAC7G2	CMTAC7GB	MLL	2895B.9	4815	5860 CL	MS10-164	
CMTAC8G2	CMTAC8GB	MLL	2895B.9	5175	5860 CL	MS10-164	
CMTAC9G2	CMTAC9GB	MLL	2895B.9	5670	5860 CL	MS10-164	
CMTACBG2	CMTACBGB	MLL	2895B.9	6570	5860 CL	MS10-164	



## VCBs for ML150E25 / ML160E25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E25 / P</b>  <b>E160</b>	CMTBC2D1	CMTBC2DA	MLC	FSO-5206B(B)	3105	5860 CL	MS10-164
	CMTBC4D1	CMTBC4DA	MLC	FSO-5206B(B)	3690	5860 CL	MS10-164
	CMTBC5D1	CMTBC5DA	MLC	FSO-5206B(B)	4185	5860 CL	MS10-164
	CMTBC6D1	CMTBC6DA	MLC	FSO-5206B(B)	4455	5860 CL	MS10-164
	CMTBC7D1	CMTBC7DA	MLC	FSO-5206B(B)	4815	5860 CL	MS10-164
	CMTBC8D1	CMTBC8DA	MLC	FSO-5206B(B)	5175	5860 CL	MS10-164
	CMTBC9D1	CMTBC9DA	MLC	FSO-5206B(B)	5670	5860 CL	MS10-164
	CMTBCBD1	CMTBCBDA	MLC	FSO-5206B(B)	6570	5860 CL	MS10-164
	CMTBC2G1	CMTBC2GA	MLC	2895B.9	3105	5860 CL	MS10-164
	CMTBC4G1	CMTBC4GA	MLC	2895B.9	3690	5860 CL	MS10-164
	CMTBC5G1	CMTBC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMTBC6G1	CMTBC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMTBC7G1	CMTBC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMTBC8G1	CMTBC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
CMTBC9G1	CMTBC9GA	MLC	2895B.9	5670	5860 CL	MS10-164	
CMTBCBG1	CMTBCBGA	MLC	2895B.9	6570	5860 CL	MS10-164	
CMTBC4D2	CMTBC4DB	MLL	FSO-5206B(B)	3690	5860 CL	MS10-164	
CMTBC5D2	CMTBC5DB	MLL	FSO-5206B(B)	4185	5860 CL	MS10-164	
CMTBC6D2	CMTBC6DB	MLL	FSO-5206B(B)	4455	5860 CL	MS10-164	
CMTBC7D2	CMTBC7DB	MLL	FSO-5206B(B)	4815	5860 CL	MS10-164	
CMTBC8D2	CMTBC8DB	MLL	FSO-5206B(B)	5175	5860 CL	MS10-164	
CMTBC9D2	CMTBC9DB	MLL	FSO-5206B(B)	5670	5860 CL	MS10-164	
CMTBCBD2	CMTBCBDB	MLL	FSO-5206B(B)	6570	5860 CL	MS10-164	
CMTBC4G2	CMTBC4GB	MLL	2895B.9	3690	5860 CL	MS10-164	
CMTBC5G2	CMTBC5GB	MLL	2895B.9	4185	5860 CL	MS10-164	
CMTBC6G2	CMTBC6GB	MLL	2895B.9	4455	5860 CL	MS10-164	
CMTBC7G2	CMTBC7GB	MLL	2895B.9	4815	5860 CL	MS10-164	
CMTBC8G2	CMTBC8GB	MLL	2895B.9	5175	5860 CL	MS10-164	
CMTBC9G2	CMTBC9GB	MLL	2895B.9	5670	5860 CL	MS10-164	
CMTBCBG2	CMTBCBGB	MLL	2895B.9	6570	5860 CL	MS10-164	

## VCBs for ML150E28 / ML160E28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E28</b>  <b>E160</b>	CMUAC2G1	CMUAC2GA	MLC	2895B.9	3105	5860 CL	MS10-164
	CMUAC4G1	CMUAC4GA	MLC	2895B.9	3690	5860 CL	MS10-164
	CMUAC5G1	CMUAC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMUAC6G1	CMUAC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMUAC7G1	CMUAC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMUAC8G1	CMUAC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
	CMUAC9G1	CMUAC9GA	MLC	2895B.9	5670	5860 CL	MS10-164
	CMUACBG1	CMUACBGA	MLC	2895B.9	6570	5860 CL	MS10-164
	CMUAC4G2	CMUAC4GB	MLL	2895B.9	3690	5860 CL	MS10-164
	CMUAC5G2	CMUAC5GB	MLL	2895B.9	4185	5860 CL	MS10-164
	CMUAC6G2	CMUAC6GB	MLL	2895B.9	4455	5860 CL	MS10-164
	CMUAC7G2	CMUAC7GB	MLL	2895B.9	4815	5860 CL	MS10-164
	CMUAC8G2	CMUAC8GB	MLL	2895B.9	5175	5860 CL	MS10-164
	CMUAC9G2	CMUAC9GB	MLL	2895B.9	5670	5860 CL	MS10-164
	CMUACBG2	CMUACBGB	MLL	2895B.9	6570	5860 CL	MS10-164

## VCBs for ML150E28 / ML160E28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E28 / P E160</b>	CMUBC2G1	CMUBC2GA	MLC	2895B.9	3105	5860 CL	MS10-164
	CMUBC4G1	CMUBC4GA	MLC	2895B.9	3690	5860 CL	MS10-164
	CMUBC5G1	CMUBC5GA	MLC	2895B.9	4185	5860 CL	MS10-164
	CMUBC6G1	CMUBC6GA	MLC	2895B.9	4455	5860 CL	MS10-164
	CMUBC7G1	CMUBC7GA	MLC	2895B.9	4815	5860 CL	MS10-164
	CMUBC8G1	CMUBC8GA	MLC	2895B.9	5175	5860 CL	MS10-164
	CMUBC9G1	CMUBC9GA	MLC	2895B.9	5670	5860 CL	MS10-164
	CMUBCBG1	CMUBCBGA	MLC	2895B.9	6570	5860 CL	MS10-164
	CMUBC4G2	CMUBC4GB	MLL	2895B.9	3690	5860 CL	MS10-164
	CMUBC5G2	CMUBC5GB	MLL	2895B.9	4185	5860 CL	MS10-164
	CMUBC6G2	CMUBC6GB	MLL	2895B.9	4455	5860 CL	MS10-164
	CMUBC7G2	CMUBC7GB	MLL	2895B.9	4815	5860 CL	MS10-164
	CMUBC8G2	CMUBC8GB	MLL	2895B.9	5175	5860 CL	MS10-164
	CMUBC9G2	CMUBC9GB	MLL	2895B.9	5670	5860 CL	MS10-164
	CMUBCBG2	CMUBCBGB	MLL	2895B.9	6570	5860 CL	MS10-164

## VCBs for ML150E30 / ML160E30

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E30</b>  <b>E160</b>	CMVAC2G1	CMVAC2GA	MLC	FS-8309A(B)	3105	5860 CL	MS10-164
	CMVAC4G1	CMVAC4GA	MLC	FS-8309A(B)	3690	5860 CL	MS10-164
	CMVAC5G1	CMVAC5GA	MLC	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVAC6G1	CMVAC6GA	MLC	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVAC7G1	CMVAC7GA	MLC	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVAC8G1	CMVAC8GA	MLC	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVAC9G1	CMVAC9GA	MLC	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVACBG1	CMVACBGA	MLC	FS-8309A(B)	6570	5860 CL	MS10-164
	CMVAC4G2	CMVAC4GB	MLL	FS-8309A(B)	3690	5860 CL	MS10-164
	CMVAC5G2	CMVAC5GB	MLL	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVAC6G2	CMVAC6GB	MLL	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVAC7G2	CMVAC7GB	MLL	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVAC8G2	CMVAC8GB	MLL	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVAC9G2	CMVAC9GB	MLL	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVACBG2	CMVACBGB	MLL	FS-8309A(B)	6570	5860 CL	MS10-164

## VCBs for ML150E30 / ML160E30

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E30 / P</b>  <b>E160</b>	CMVBC2G1	CMVBC2GA	MLC	FS-8309A(B)	3105	5860 CL	MS10-164
	CMVBC4G1	CMVBC4GA	MLC	FS-8309A(B)	3690	5860 CL	MS10-164
	CMVBC5G1	CMVBC5GA	MLC	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVBC6G1	CMVBC6GA	MLC	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVBC7G1	CMVBC7GA	MLC	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVBC8G1	CMVBC8GA	MLC	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVBC9G1	CMVBC9GA	MLC	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVBCBG1	CMVBCBGA	MLC	FS-8309A(B)	6570	5860 CL	MS10-164
	CMVBC4G2	CMVBC4GB	MLL	FS-8309A(B)	3690	5860 CL	MS10-164
	CMVBC5G2	CMVBC5GB	MLL	FS-8309A(B)	4185	5860 CL	MS10-164
	CMVBC6G2	CMVBC6GB	MLL	FS-8309A(B)	4455	5860 CL	MS10-164
	CMVBC7G2	CMVBC7GB	MLL	FS-8309A(B)	4815	5860 CL	MS10-164
	CMVBC8G2	CMVBC8GB	MLL	FS-8309A(B)	5175	5860 CL	MS10-164
	CMVBC9G2	CMVBC9GB	MLL	FS-8309A(B)	5670	5860 CL	MS10-164
	CMVBCBG2	CMVBCBGB	MLL	FS-8309A(B)	6570	5860 CL	MS10-164

## VCBs for ML150E22/FP Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E22 / FP</b>  <b>Q160</b>	CMSCC5T1	CMSCC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMSCC6T1	CMSCC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMSCC7T1	CMSCC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMSCC8T1	CMSCC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMSCC9T1	CMSCC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMSCCBT1	CMSCCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMSCC5T2	CMSCC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMSCC6T2	CMSCC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMSCC7T2	CMSCC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMSCC8T2	CMSCC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMSCC9T2	CMSCC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMSCCBT2	CMSCCBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E25/FP Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E25 /FP E160</b>	CMTCC5T1	CMTCC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMTCC6T1	CMTCC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMTCC7T1	CMTCC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMTCC8T1	CMTCC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMTCC9T1	CMTCC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMTCCBT1	CMTCCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMTCC5T2	CMTCC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMTCC6T2	CMTCC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMTCC7T2	CMTCC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMTCC8T2	CMTCC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMTCC9T2	CMTCC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMTCCBT2	CMTCCBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E25/FP Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML150E28 /FP E160</b>	CMUCC5T1	CMUCC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMUCC6T1	CMUCC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMUCC7T1	CMUCC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMUCC8T1	CMUCC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMUCC9T1	CMUCC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMUCCBT1	CMUCCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMUCC5T2	CMUCC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMUCC6T2	CMUCC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMUCC7T2	CMUCC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMUCC8T2	CMUCC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMUCC9T2	CMUCC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMUCCBT2	CMUCCBTB	MLL	3000	6570	5860 CL	MS10-164



## VCBs for ML150E22 / ML160E22 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E22</b>  <b>E160</b>	CMSAC2T1	CMSAC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMSAC4T1	CMSAC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMSAC5T1	CMSAC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMSAC6T1	CMSAC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMSAC7T1	CMSAC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMSAC8T1	CMSAC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMSAC9T1	CMSAC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMSACBT1	CMSACBTA	MLC	3000	6570	5860 CL	MS10-164
	CMSAC4T2	CMSAC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMSAC5T2	CMSAC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMSAC6T2	CMSAC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMSAC7T2	CMSAC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMSAC8T2	CMSAC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMSAC9T2	CMSAC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMSACBT2	CMSACBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E22 / ML160E22 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E22 / P</b>  <b>E160</b>	CMSBC2T1	CMSBC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMSBC4T1	CMSBC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMSBC5T1	CMSBC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMSBC6T1	CMSBC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMSBC7T1	CMSBC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMSBC8T1	CMSBC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMSBC9T1	CMSBC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMSBCBT1	CMSBCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMSBC4T2	CMSBC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMSBC5T2	CMSBC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMSBC6T2	CMSBC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMSBC7T2	CMSBC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMSBC8T2	CMSBC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMSBC9T2	CMSBC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMSBCBT2	CMSBCBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E25 / ML160E25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E25</b>  <b>E160</b>	CMTAC2T1	CMTAC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMTAC4T1	CMTAC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMTAC5T1	CMTAC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMTAC6T1	CMTAC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMTAC7T1	CMTAC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMTAC8T1	CMTAC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMTAC9T1	CMTAC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMTACBT1	CMTACBTA	MLC	3000	6570	5860 CL	MS10-164
	CMTAC4T2	CMTAC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMTAC5T2	CMTAC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMTAC6T2	CMTAC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMTAC7T2	CMTAC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMTAC8T2	CMTAC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMTAC9T2	CMTAC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMTACBT2	CMTACBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E25 / ML160E25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E25 / P</b>  <b>E160</b>	CMTBC2T1	CMTBC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMTBC4T1	CMTBC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMTBC5T1	CMTBC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMTBC6T1	CMTBC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMTBC7T1	CMTBC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMTBC8T1	CMTBC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMTBC9T1	CMTBC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMTBCBT1	CMTBCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMTBC4T2	CMTBC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMTBC5T2	CMTBC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMTBC6T2	CMTBC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMTBC7T2	CMTBC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMTBC8T2	CMTBC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMTBC9T2	CMTBC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMTBCBT2	CMTBCBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E28 / ML160E28 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E28</b>  <b>E160</b>	CMUAC2T1	CMUAC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMUAC4T1	CMUAC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMUAC5T1	CMUAC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMUAC6T1	CMUAC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMUAC7T1	CMUAC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMUAC8T1	CMUAC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMUAC9T1	CMUAC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMUACBT1	CMUACBTA	MLC	3000	6570	5860 CL	MS10-164
	CMUAC4T2	CMUAC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMUAC5T2	CMUAC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMUAC6T2	CMUAC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMUAC7T2	CMUAC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMUAC8T2	CMUAC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMUAC9T2	CMUAC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMUACBT2	CMUACBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML150E28 / ML160E28 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML160E28 / P</b>  <b>E160</b>	CMUBC2T1	CMUBC2TA	MLC	3000	3105	5860 CL	MS10-164
	CMUBC4T1	CMUBC4TA	MLC	3000	3690	5860 CL	MS10-164
	CMUBC5T1	CMUBC5TA	MLC	3000	4185	5860 CL	MS10-164
	CMUBC6T1	CMUBC6TA	MLC	3000	4455	5860 CL	MS10-164
	CMUBC7T1	CMUBC7TA	MLC	3000	4815	5860 CL	MS10-164
	CMUBC8T1	CMUBC8TA	MLC	3000	5175	5860 CL	MS10-164
	CMUBC9T1	CMUBC9TA	MLC	3000	5670	5860 CL	MS10-164
	CMUBCBT1	CMUBCBTA	MLC	3000	6570	5860 CL	MS10-164
	CMUBC4T2	CMUBC4TB	MLL	3000	3690	5860 CL	MS10-164
	CMUBC5T2	CMUBC5TB	MLL	3000	4185	5860 CL	MS10-164
	CMUBC6T2	CMUBC6TB	MLL	3000	4455	5860 CL	MS10-164
	CMUBC7T2	CMUBC7TB	MLL	3000	4815	5860 CL	MS10-164
	CMUBC8T2	CMUBC8TB	MLL	3000	5175	5860 CL	MS10-164
	CMUBC9T2	CMUBC9TB	MLL	3000	5670	5860 CL	MS10-164
	CMUBCBT2	CMUBCBTB	MLL	3000	6570	5860 CL	MS10-164

## VCBs for ML180E25 / ML190EL25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E25</b>  <b>E180</b>	JJTAC4D1	JJTAC4DA	MLC	FSO-5206B(B)	3690	5871/5	MS13-165
	JJTAC5D1	JJTAC5DA	MLC	FSO-5206B(B)	4185	5871/5	MS13-165
	JJTAC6D1	JJTAC6DA	MLC	FSO-5206B(B)	4590	5871/5	MS13-165
	JJTAC7D1	JJTAC7DA	MLC	FSO-5206B(B)	4815	5871/5	MS13-165
	JJTAC8D1	JJTAC8DA	MLC	FSO-5206B(B)	5175	5871/5	MS13-165
	JJTAC9D1	JJTAC9DA	MLC	FSO-5206B(B)	5670	5871/5	MS13-165
	JJTACAD1	JJTACADA	MLC	FSO-5206B(B)	6210	5871/5	MS13-165
	JJTACBD1	JJTACBDA	MLC	FSO-5206B(B)	6570	5871/5	MS13-165
	JJTAC4G1	JJTAC4GA	MLC	2895B.9	3690	5871/5	MS13-165
	JJTAC5G1	JJTAC5GA	MLC	2895B.9	4185	5871/5	MS13-165
JJTAC6G1	JJTAC6GA	MLC	2895B.9	4590	5871/5	MS13-165	
JJTAC7G1	JJTAC7GA	MLC	2895B.9	4815	5871/5	MS13-165	
JJTAC8G1	JJTAC8GA	MLC	2895B.9	5175	5871/5	MS13-165	
JJTAC9G1	JJTAC9GA	MLC	2895B.9	5670	5871/5	MS13-165	
JJTACAG1	JJTACAGA	MLC	2895B.9	6210	5871/5	MS13-165	
JJTACBG1	JJTACBGA	MLC	2895B.9	6570	5871/5	MS13-165	
JJTAC5D2	JJTAC5DB	MLL	FSO-5206B(B)	4185	5871/5	MS13-165	
JJTAC6D2	JJTAC6DB	MLL	FSO-5206B(B)	4590	5871/5	MS13-165	
JJTAC7D2	JJTAC7DB	MLL	FSO-5206B(B)	4815	5871/5	MS13-165	
JJTAC8D2	JJTAC8DB	MLL	FSO-5206B(B)	5175	5871/5	MS13-165	
JJTAC9D2	JJTAC9DB	MLL	FSO-5206B(B)	5670	5871/5	MS13-165	
JJTACAD2	JJTACADB	MLL	FSO-5206B(B)	6210	5871/5	MS13-165	
JJTACBD2	JJTACBDB	MLL	FSO-5206B(B)	6570	5871/5	MS13-165	
JJTAC5G2	JJTAC5GB	MLL	2895B.9	4185	5871/5	MS13-165	
JJTAC6G2	JJTAC6GB	MLL	2895B.9	4590	5871/5	MS13-165	
JJTAC7G2	JJTAC7GB	MLL	2895B.9	4815	5871/5	MS13-165	
JJTAC8G2	JJTAC8GB	MLL	2895B.9	5175	5871/5	MS13-165	
JJTAC9G2	JJTAC9GB	MLL	2895B.9	5670	5871/5	MS13-165	
JJTACAG2	JJTACAGB	MLL	2895B.9	6210	5871/5	MS13-165	
JJTACBG2	JJTACBGB	MLL	2895B.9	6570	5871/5	MS13-165	

## VCBs for ML180E25 / ML190EL25

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E25 / P</b>  <b>E180</b>	JJTBC4D1	JJTBC4DA	MLC	FSO-5206B(B)	3690	5871/5	MS13-165
	JJTBC5D1	JJTBC5DA	MLC	FSO-5206B(B)	4185	5871/5	MS13-165
	JJTBC6D1	JJTBC6DA	MLC	FSO-5206B(B)	4590	5871/5	MS13-165
	JJTBC7D1	JJTBC7DA	MLC	FSO-5206B(B)	4815	5871/5	MS13-165
	JJTBC8D1	JJTBC8DA	MLC	FSO-5206B(B)	5175	5871/5	MS13-165
	JJTBC9D1	JJTBC9DA	MLC	FSO-5206B(B)	5670	5871/5	MS13-165
	JJTBCAD1	JJTBCADA	MLC	FSO-5206B(B)	6210	5871/5	MS13-165
	JJTBCBD1	JJTBCBDA	MLC	FSO-5206B(B)	6570	5871/5	MS13-165
JJTBC4G1	JJTBC4GA	MLC	2895B.9	3690	5871/5	MS13-165	
JJTBC5G1	JJTBC5GA	MLC	2895B.9	4185	5871/5	MS13-165	
JJTBC6G1	JJTBC6GA	MLC	2895B.9	4590	5871/5	MS13-165	
JJTBC7G1	JJTBC7GA	MLC	2895B.9	4815	5871/5	MS13-165	
JJTBC8G1	JJTBC8GA	MLC	2895B.9	5175	5871/5	MS13-165	
JJTBC9G1	JJTBC9GA	MLC	2895B.9	5670	5871/5	MS13-165	
JJTBCAG1	JJTBCAGA	MLC	2895B.9	6210	5871/5	MS13-165	
JJTBCBG1	JJTBCBGA	MLC	2895B.9	6570	5871/5	MS13-165	
JJTBC5D2	JJTBC5DB	MLL	FSO-5206B(B)	4185	5871/5	MS13-165	
JJTBC6D2	JJTBC6DB	MLL	FSO-5206B(B)	4590	5871/5	MS13-165	
JJTBC7D2	JJTBC7DB	MLL	FSO-5206B(B)	4815	5871/5	MS13-165	
JJTBC8D2	JJTBC8DB	MLL	FSO-5206B(B)	5175	5871/5	MS13-165	
JJTBC9D2	JJTBC9DB	MLL	FSO-5206B(B)	5670	5871/5	MS13-165	
JJTBCAD2	JJTBCADB	MLL	FSO-5206B(B)	6210	5871/5	MS13-165	
JJTBCBD2	JJTBCBDB	MLL	FSO-5206B(B)	6570	5871/5	MS13-165	
JJTBC5G2	JJTBC5GB	MLL	2895B.9	4185	5871/5	MS13-165	
JJTBC6G2	JJTBC6GB	MLL	2895B.9	4590	5871/5	MS13-165	
JJTBC7G2	JJTBC7GB	MLL	2895B.9	4815	5871/5	MS13-165	
JJTBC8G2	JJTBC8GB	MLL	2895B.9	5175	5871/5	MS13-165	
JJTBC9G2	JJTBC9GB	MLL	2895B.9	5670	5871/5	MS13-165	
JJTBCAG2	JJTBCAGB	MLL	2895B.9	6210	5871/5	MS13-165	
JJTBCBG2	JJTBCBGB	MLL	2895B.9	6570	5871/5	MS13-165	



## VCBs for ML180E28 / ML190EL28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E28</b>  <b>E180</b>	JJUAC4G1	JJUAC4GA	MLC	2895B.9	3690	5871/5	MS13-165
	JJUAC5G1	JJUAC5GA	MLC	2895B.9	4185	5871/5	MS13-165
	JJUAC6G1	JJUAC6GA	MLC	2895B.9	4590	5871/5	MS13-165
	JJUAC7G1	JJUAC7GA	MLC	2895B.9	4815	5871/5	MS13-165
	JJUAC8G1	JJUAC8GA	MLC	2895B.9	5175	5871/5	MS13-165
	JJUAC9G1	JJUAC9GA	MLC	2895B.9	5670	5871/5	MS13-165
	JJUACAG1	JJUACAGA	MLC	2895B.9	6210	5871/5	MS13-165
	JJUACBG1	JJUACBGA	MLC	2895B.9	6570	5871/5	MS13-165
	JJUAC5G2	JJUAC5GB	MLL	2895B.9	4185	5871/5	MS13-165
	JJUAC6G2	JJUAC6GB	MLL	2895B.9	4590	5871/5	MS13-165
	JJUAC7G2	JJUAC7GB	MLL	2895B.9	4815	5871/5	MS13-165
	JJUAC8G2	JJUAC8GB	MLL	2895B.9	5175	5871/5	MS13-165
	JJUAC9G2	JJUAC9GB	MLL	2895B.9	5670	5871/5	MS13-165
	JJUACAG2	JJUACAGB	MLL	2895B.9	6210	5871/5	MS13-165
	JJUACBG2	JJUACBGB	MLL	2895B.9	6570	5871/5	MS13-165

## VCBs for ML180E28 / ML190EL28

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E28 / P</b>  <b>E180</b>	JJUBC4G1	JJUBC4GA	MLC	2895B.9	3690	5871/5	MS13-165
	JJUBC5G1	JJUBC5GA	MLC	2895B.9	4185	5871/5	MS13-165
	JJUBC6G1	JJUBC6GA	MLC	2895B.9	4590	5871/5	MS13-165
	JJUBC7G1	JJUBC7GA	MLC	2895B.9	4815	5871/5	MS13-165
	JJUBC8G1	JJUBC8GA	MLC	2895B.9	5175	5871/5	MS13-165
	JJUBC9G1	JJUBC9GA	MLC	2895B.9	5670	5871/5	MS13-165
	JJUBCAG1	JJUBCAGA	MLC	2895B.9	6210	5871/5	MS13-165
	JJUBCBG1	JJUBCBGA	MLC	2895B.9	6570	5871/5	MS13-165
	JJUBC5G2	JJUBC5GB	MLL	2895B.9	4185	5871/5	MS13-165
	JJUBC6G2	JJUBC6GB	MLL	2895B.9	4590	5871/5	MS13-165
	JJUBC7G2	JJUBC7GB	MLL	2895B.9	4815	5871/5	MS13-165
	JJUBC8G2	JJUBC8GB	MLL	2895B.9	5175	5871/5	MS13-165
	JJUBC9G2	JJUBC9GB	MLL	2895B.9	5670	5871/5	MS13-165
	JJUBCAG2	JJUBCAGB	MLL	2895B.9	6210	5871/5	MS13-165
	JJUBCBG2	JJUBCBGB	MLL	2895B.9	6570	5871/5	MS13-165

## VCBs for ML180E30 / ML190EL30

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E30</b>  <b>E180</b>	JJVAC4G1	JJVAC4GA	MLC	2895B.9	3690	5871/5	MS13-165
	JJVAC5G1	JJVAC5GA	MLC	2895B.9	4185	5871/5	MS13-165
	JJVAC6G1	JJVAC6GA	MLC	2895B.9	4590	5871/5	MS13-165
	JJVAC7G1	JJVAC7GA	MLC	2895B.9	4815	5871/5	MS13-165
	JJVAC8G1	JJVAC8GA	MLC	2895B.9	5175	5871/5	MS13-165
	JJVAC9G1	JJVAC9GA	MLC	2895B.9	5670	5871/5	MS13-165
	JJVACAG1	JJVACAGA	MLC	2895B.9	6210	5871/5	MS13-165
	JJVACBG1	JJVACBGA	MLC	2895B.9	6570	5871/5	MS13-165
	JJVAC5G2	JJVAC5GB	MLL	2895B.9	4185	5871/5	MS13-165
	JJVAC6G2	JJVAC6GB	MLL	2895B.9	4590	5871/5	MS13-165
	JJVAC7G2	JJVAC7GB	MLL	2895B.9	4815	5871/5	MS13-165
	JJVAC8G2	JJVAC8GB	MLL	2895B.9	5175	5871/5	MS13-165
	JJVAC9G2	JJVAC9GB	MLL	2895B.9	5670	5871/5	MS13-165
	JJVACAG2	JJVACAGB	MLL	2895B.9	6210	5871/5	MS13-165
	JJVACBG2	JJVACBGB	MLL	2895B.9	6570	5871/5	MS13-165

## VCBs for ML180E30 / ML190EL30

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E30 / P</b>  <b>E180</b>	JJVBC4G1	JJVBC4GA	MLC	2895B.9	3690	5871/5	MS13-165
	JJVBC5G1	JJVBC5GA	MLC	2895B.9	4185	5871/5	MS13-165
	JJVBC6G1	JJVBC6GA	MLC	2895B.9	4590	5871/5	MS13-165
	JJVBC7G1	JJVBC7GA	MLC	2895B.9	4815	5871/5	MS13-165
	JJVBC8G1	JJVBC8GA	MLC	2895B.9	5175	5871/5	MS13-165
	JJVBC9G1	JJVBC9GA	MLC	2895B.9	5670	5871/5	MS13-165
	JJVBCAG1	JJVBCAGA	MLC	2895B.9	6210	5871/5	MS13-165
	JJVBCBG1	JJVBCBGA	MLC	2895B.9	6570	5871/5	MS13-165
	JJVBC5G2	JJVBC5GB	MLL	2895B.9	4185	5871/5	MS13-165
	JJVBC6G2	JJVBC6GB	MLL	2895B.9	4590	5871/5	MS13-165
	JJVBC7G2	JJVBC7GB	MLL	2895B.9	4815	5871/5	MS13-165
	JJVBC8G2	JJVBC8GB	MLL	2895B.9	5175	5871/5	MS13-165
	JJVBC9G2	JJVBC9GB	MLL	2895B.9	5670	5871/5	MS13-165
	JJVBCAG2	JJVBCAGB	MLL	2895B.9	6210	5871/5	MS13-165
	JJVBCBG2	JJVBCBGB	MLL	2895B.9	6570	5871/5	MS13-165

## VCBs for ML180E25 / ML190EL25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E25</b>  <b>E180</b>	JJTAC4T1	JJTAC4TA	MLC	3000	3690	5871/5	MS13-165
	JJTAC5T1	JJTAC5TA	MLC	3000	4185	5871/5	MS13-165
	JJTAC6T1	JJTAC6TA	MLC	3000	4590	5871/5	MS13-165
	JJTAC7T1	JJTAC7TA	MLC	3000	4815	5871/5	MS13-165
	JJTAC8T1	JJTAC8TA	MLC	3000	5175	5871/5	MS13-165
	JJTAC9T1	JJTAC9TA	MLC	3000	5670	5871/5	MS13-165
	JJTACAT1	JJTACATA	MLC	3000	6210	5871/5	MS13-165
	JJTACBT1	JJTACBTA	MLC	3000	6570	5871/5	MS13-165
	JJTAC5T2	JJTAC5TB	MLL	3000	4185	5871/5	MS13-165
	JJTAC6T2	JJTAC6TB	MLL	3000	4590	5871/5	MS13-165
	JJTAC7T2	JJTAC7TB	MLL	3000	4815	5871/5	MS13-165
	JJTAC8T2	JJTAC8TB	MLL	3000	5175	5871/5	MS13-165
	JJTAC9T2	JJTAC9TB	MLL	3000	5670	5871/5	MS13-165
	JJTACAT2	JJTACATB	MLL	3000	6210	5871/5	MS13-165
	JJTACBT2	JJTACBTB	MLL	3000	6570	5871/5	MS13-165

## VCBs for ML180E25 / ML190EL25 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E25 / P</b>  <b>E180</b>	JJTBC4T1	JJTBC4TA	MLC	3000	3690	5871/5	MS13-165
	JJTBC5T1	JJTBC5TA	MLC	3000	4185	5871/5	MS13-165
	JJTBC6T1	JJTBC6TA	MLC	3000	4590	5871/5	MS13-165
	JJTBC7T1	JJTBC7TA	MLC	3000	4815	5871/5	MS13-165
	JJTBC8T1	JJTBC8TA	MLC	3000	5175	5871/5	MS13-165
	JJTBC9T1	JJTBC9TA	MLC	3000	5670	5871/5	MS13-165
	JJTBCAT1	JJTBCATA	MLC	3000	6210	5871/5	MS13-165
	JJTBCBT1	JJTBCBTA	MLC	3000	6570	5871/5	MS13-165
	JJTBC5T2	JJTBC5TB	MLL	3000	4185	5871/5	MS13-165
	JJTBC6T2	JJTBC6TB	MLL	3000	4590	5871/5	MS13-165
	JJTBC7T2	JJTBC7TB	MLL	3000	4815	5871/5	MS13-165
	JJTBC8T2	JJTBC8TB	MLL	3000	5175	5871/5	MS13-165
	JJTBC9T2	JJTBC9TB	MLL	3000	5670	5871/5	MS13-165
	JJTBCAT2	JJTBCATB	MLL	3000	6210	5871/5	MS13-165
	JJTBCBT2	JJTBCBTB	MLL	3000	6570	5871/5	MS13-165

## VCBs for ML180E28 / ML190EL28 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E28</b>  <b>E180</b>	JJUAC4T1	JJUAC4TA	MLC	3000	3690	5871/5	MS13-165
	JJUAC5T1	JJUAC5TA	MLC	3000	4185	5871/5	MS13-165
	JJUAC6T1	JJUAC6TA	MLC	3000	4590	5871/5	MS13-165
	JJUAC7T1	JJUAC7TA	MLC	3000	4815	5871/5	MS13-165
	JJUAC8T1	JJUAC8TA	MLC	3000	5175	5871/5	MS13-165
	JJUAC9T1	JJUAC9TA	MLC	3000	5670	5871/5	MS13-165
	JJUACAT1	JJUACATA	MLC	3000	6210	5871/5	MS13-165
	JJUACBT1	JJUACBTA	MLC	3000	6570	5871/5	MS13-165
	JJUAC5T2	JJUAC5TB	MLL	3000	4185	5871/5	MS13-165
	JJUAC6T2	JJUAC6TB	MLL	3000	4590	5871/5	MS13-165
	JJUAC7T2	JJUAC7TB	MLL	3000	4815	5871/5	MS13-165
	JJUAC8T2	JJUAC8TB	MLL	3000	5175	5871/5	MS13-165
	JJUAC9T2	JJUAC9TB	MLL	3000	5670	5871/5	MS13-165
	JJUACAT2	JJUACATB	MLL	3000	6210	5871/5	MS13-165
	JJUACBT2	JJUACBTB	MLL	3000	6570	5871/5	MS13-165

## VCBs for ML180E28 / ML190EL28 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E28 / P</b>  <b>E180</b>	JJUBC4T1	JJUBC4TA	MLC	3000	3690	5871/5	MS13-165
	JJUBC5T1	JJUBC5TA	MLC	3000	4185	5871/5	MS13-165
	JJUBC6T1	JJUBC6TA	MLC	3000	4590	5871/5	MS13-165
	JJUBC7T1	JJUBC7TA	MLC	3000	4815	5871/5	MS13-165
	JJUBC8T1	JJUBC8TA	MLC	3000	5175	5871/5	MS13-165
	JJUBC9T1	JJUBC9TA	MLC	3000	5670	5871/5	MS13-165
	JJUBCAT1	JJUBCATA	MLC	3000	6210	5871/5	MS13-165
	JJUBCBT1	JJUBCBTA	MLC	3000	6570	5871/5	MS13-165
	JJUBC5T2	JJUBC5TB	MLL	3000	4185	5871/5	MS13-165
	JJUBC6T2	JJUBC6TB	MLL	3000	4590	5871/5	MS13-165
	JJUBC7T2	JJUBC7TB	MLL	3000	4815	5871/5	MS13-165
	JJUBC8T2	JJUBC8TB	MLL	3000	5175	5871/5	MS13-165
	JJUBC9T2	JJUBC9TB	MLL	3000	5670	5871/5	MS13-165
	JJUBCAT2	JJUBCATB	MLL	3000	6210	5871/5	MS13-165
	JJUBCBT2	JJUBCBTB	MLL	3000	6570	5871/5	MS13-165



## VCBs for ML180E30 / ML190EL30 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E30</b>  <b>E180</b>	JJVAC4T1	JJVAC4TA	MLC	3000	3690	5871/5	MS13-165
	JJVAC5T1	JJVAC5TA	MLC	3000	4185	5871/5	MS13-165
	JJVAC6T1	JJVAC6TA	MLC	3000	4590	5871/5	MS13-165
	JJVAC7T1	JJVAC7TA	MLC	3000	4815	5871/5	MS13-165
	JJVAC8T1	JJVAC8TA	MLC	3000	5175	5871/5	MS13-165
	JJVAC9T1	JJVAC9TA	MLC	3000	5670	5871/5	MS13-165
	JJVACAT1	JJVACATA	MLC	3000	6210	5871/5	MS13-165
	JJVACBT1	JJVACBTA	MLC	3000	6570	5871/5	MS13-165
	JJVAC5T2	JJVAC5TB	MLL	3000	4185	5871/5	MS13-165
	JJVAC6T2	JJVAC6TB	MLL	3000	4590	5871/5	MS13-165
	JJVAC7T2	JJVAC7TB	MLL	3000	4815	5871/5	MS13-165
	JJVAC8T2	JJVAC8TB	MLL	3000	5175	5871/5	MS13-165
	JJVAC9T2	JJVAC9TB	MLL	3000	5670	5871/5	MS13-165
	JJVACAT2	JJVACATB	MLL	3000	6210	5871/5	MS13-165
	JJVACBT2	JJVACBTB	MLL	3000	6570	5871/5	MS13-165

## VCBs for ML180E30 / ML190EL30 Automatic Gearbox

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML180E30 / P</b>  <b>E180</b>	JJVBC4T1	JJVBC4TA	MLC	3000	3690	5871/5	MS13-165
	JJVBC5T1	JJVBC5TA	MLC	3000	4185	5871/5	MS13-165
	JJVBC6T1	JJVBC6TA	MLC	3000	4590	5871/5	MS13-165
	JJVBC7T1	JJVBC7TA	MLC	3000	4815	5871/5	MS13-165
	JJVBC8T1	JJVBC8TA	MLC	3000	5175	5871/5	MS13-165
	JJVBC9T1	JJVBC9TA	MLC	3000	5670	5871/5	MS13-165
	JJVBCAT1	JJVBCATA	MLC	3000	6210	5871/5	MS13-165
	JJVBCBT1	JJVBCBTA	MLC	3000	6570	5871/5	MS13-165
	JJVBC5T2	JJVBC5TB	MLL	3000	4185	5871/5	MS13-165
	JJVBC6T2	JJVBC6TB	MLL	3000	4590	5871/5	MS13-165
	JJVBC7T2	JJVBC7TB	MLL	3000	4815	5871/5	MS13-165
	JJVBC8T2	JJVBC8TB	MLL	3000	5175	5871/5	MS13-165
	JJVBC9T2	JJVBC9TB	MLL	3000	5670	5871/5	MS13-165
	JJVBCAT2	JJVBCATB	MLL	3000	6210	5871/5	MS13-165
	JJVBCBT2	JJVBCBTB	MLL	3000	6570	5871/5	MS13-165

## VCBs for ML 100E18W / 100E22W

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML100E18W E10W</b>	BMREC1D5	BMREC1DE	MLC	2865B.6	3240	5950	450746
	BMREC2D5	BMREC2DE	MLC	2865B.6	3690	5950	450746
	BMREC1E5	-	MLC	FS-5206B(B)+PTO	3240	5950	450746
	BMREC2E5	-	MLC	FS-5206B(B)+PTO	3690	5950	450746
	BMSEC1D5	BMSEC1DE	MLC	2865B.6	3240	5950	450746
	BMSEC2D5	BMSEC2DE	MLC	2865B.6	3690	5950	450746
<b>ML100E22W E10W</b>	BMSEC1E5	-	MLC	FS-5206B(B)+PTO	3240	5950	450746
	BMSEC2E5	-	MLC	FS-5206B(B)+PTO	3690	5950	450746

## VCBs for ML 140E25W / 140E28W

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
<b>ML140E25W</b>	CSTEC1D6	CSTEC1DF	MLC	FSO-5206B(B)	3240	5956	451146/1
	CSTEC2D6	CSTEC2DF	MLC	FSO-5206B(B)	3690	5956	451146/1
	CSTEC3D6	CSTEC3DF	MLC	FSO-5206B(B)	3915	5956	451146/1
<b>E14W</b>	CSTEC1E6	-	MLC	FSO-5206B(B)+PTO	3240	5956	451146/1
	CSTEC2E6	-	MLC	FSO-5206B(B)+PTO	3690	5956	451146/1
	CSTEC3E6	-	MLC	FSO-5206B(B)+PTO	3915	5956	451146/1
<b>ML140E28W</b>	CSUEC1G6	CSUEC1GF	MLC	FSO-5206B(B)	3240	5956	451146/1
	CSUEC2G6	CSUEC2GF	MLC	FSO-5206B(B)	3690	5956	451146/1
	CSUEC3G6	CSUEC3GF	MLC	FSO-5206B(B)	3915	5956	451146/1
<b>E14W</b>	CSUEC1H6	-	MLC	FSO-5206B(B)+PTO	3240	5956	451146/1
	CSUEC2H6	-	MLC	FSO-5206B(B)+PTO	3690	5956	451146/1
	CSUEC3H6	-	MLC	FSO-5206B(B)+PTO	3915	5956	451146/1

## VCBs for ML150E18 / 22 - ML160E18 / 22 R-sw

DESCRIPTION	VCB LHD	VCB RHD	CAB	GEARBOX	WB	F AXLE	R AXLE
ML160E18 R-sw E160	CMRA72D1 CMRA72G1	CMRA72DA CMRA72GA	MLC	2865B.6	3105	5860 CL	MS10-144
ML160E22 R-sw E160	CMSA72D1 CMSA72G1	CMSA72DA CMSA72GA	MLC	2870B.9	3105	5860 CL	MS10-164