

Volvo Penta Parts Quick Reference Guide

Foreword

This book provides a quick reference for commonly used maintenance and service parts for Volvo Penta's engines and sterndrives. The book is designed so that it can be stored on your parts counter for quick access.

Later sections will explain how the book works;

How to find your part	i
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Additional access to Parts and Service information

If you need a complete listing of parts please see the catalog for the engine you are repairing. The catalogs are available electronically with Volvo Penta's Electronic Parts Catalog (EPC). The EPC has search tools so that you can search by product serial number, product name or product specification number. You can also search by part number. These tools make it very easy to quickly find the correct parts for any Volvo Penta product.

The EPC has the option of on-line access via the Partner Network or off-line access with CDs. The CD version has the option of either instant updates over the internet or quarterly updates through the mail. Regardless of the version you use, you will get the quickest access to new parts information for all of Volvo Penta's products. Contact your dealer business specialist to sign up for the EPC.

The catalogs are also available as printed books. Reprints of catalogs can be obtained from Parts sales.

To help you easily find parts and service information about our products, Volvo Penta has developed online search tools that are available only on our dealer website, Partner Network. Our serial number search covers almost all Volvo Penta product.

You can enter the product's serial number or specification number and the system will provide you with all of the catalogs, manuals and bulletins that apply to that product. The system also provides links to online versions of these documents. This is another way to insure that you have the latest, most current information about our products. Contact your dealer business specialist to sign up for the Partner Network.

How to find your part

The information in this book is laid out in chart format. The names of the engine or sterndrive products are listed in the column headers. The parts are identified by the icon at the left of each row.

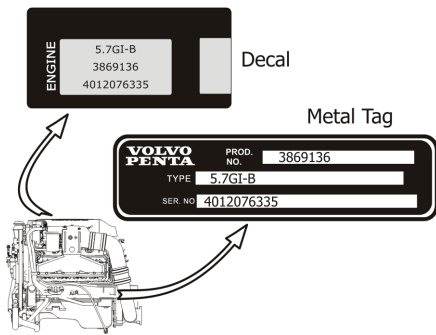
The key to finding the right parts in the charts is correctly identifying which product (engine or drive) is being serviced. Volvo Penta has sold many different products since the first engine was introduced over a century ago. The following information will help identify which of these products you are servicing so that you can find the correct parts in the charts.

All of the information in the charts is organized around the engine or drive product name. The name is a series of letters and numbers. The next section offers some help in understanding and locating the gas engine names. The

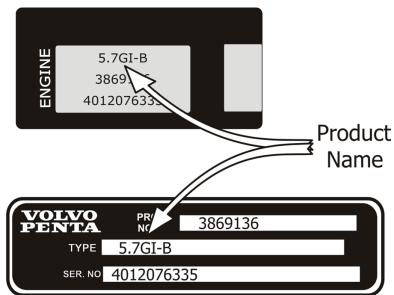
names for the diesel engines follow a similar system.

Follow these steps to find the product name and then locate the right column in the charts;

Locate one of the tags on the product that contains the name, specification number and serial number. A metal tag is riveted to all products. Some products also have this info on a decal on the top or side of the product.



The picture above shows the typical location of these tags on current gas engine products. This information may also be listed in other places, such as previous shop work orders, warranty registrations, boat documents and similar.



Make note of the entire name from the tag. The name in the example above is 5.7Gi-B.

GASOLINE ENGINES (in alphabetical order)

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT
250	8	270	15	5.0F	21	5.7G
250	8	740	22	5.0FL	21	5.7Gi
25*	8	3.0GL	21	5.0G	15	5.7GSi
430	**	3.0GS	8-9	5.0GL	15-16	5.7G
43*	**	3.0GXi	**	5.0GX	18-20	7
43C	**	4.3G	11-12	5.0GS	18-20	7
494	**	4.3GL	11-13	5.7G	17-20	5.2F
500	*E	4.3GS	11-12	5.7GL	15-16	7.4G
50*	*E	4.3GXi	13-14	5.7GLi	17	7.4GL
570	*E	4.3GSi	13-14	5.7GS	15	7.4GSi

Look for this name in the table of contents (on page 1). The table shows that 5.7Gi's are covered on pages 17-20. Go to the pages listed in the chart.

You will need to find the page and then column that contains 5.7Gi-B. Again, in some places the entire name is listed. In others only the first part of the name is shown, this indicates that all versions of the product are covered in that column.

5.0GX-A	5.0GX-B	5.0GX-BF
5.7Gi-A	5.0OSi-B	5.0OSi-BF
5.7GX-A	5.7Gi-B	5.7Gi-BF
5.7GX-B	5.7OSi-A	5.7OSi-AF
	5.7GX-C	5.7GX-CF
	5.7OSXi-A	5.7OSXi-AF

In the example above, 5.7Gi-B is covered in the fifth column on page 18.

Now that you're in the right column you can easily find the parts that are needed.

If a null sign (Ø) appears in a cell, that type of part does not apply to the engine(s) in the column or the part is no longer available.

Watch for notes and footnotes in the cells. They provide additional information about the parts. This may include parts that are different for multiple versions of a product listed in the same column.

How to identify a Volvo Penta gas engine

Several methods have been used to provide the engines with unique names. Some were based on horsepower ratings. More recent names are based on the displacement of the engine in liters. Each time the name was changed, it was due to some change in the parts content of the engine. Sometimes the changes were minor, sometimes they were major. The changes may or may not affect the parts that you need for a repair. The safest method is to always search with the complete product name.

There are three distinct periods of gas engine production, each with a different naming method. Each is explained below;

Red Engines, early

Very early engines, built until the late 1980's, were named based on the displacement (early) or horsepower (later) of the engines. The name started with AQ (sterndrive engine), BB (inboard) or MB (inboard). Next came the number for the displacement or horsepower. Most of these also included a one letter suffix, for version control. An AQ271A is older (and different) than a AQ271B.

These engines are no longer covered in the Quick Reference Guide. Please see the EPC for parts for these engines.

Examples: AQ260A, AQ171C, AQ200F, BB260A

These engine names then changed to a system based on displacement. The names were a three digit number, followed by a letter. The first two digits of the number represented the displacement. The 43 in 434A meant the engine was a 4.3L. The third digit was

used for version control. A 430 and a 431 are both 4.3L's, however the last digit indicates there is difference between the engines. The numbers at the third digit were not always sequential. 430's were built before 431's, however 432's and 434's were built at the same time.

The letter at the end was also used for version control and was sequential. A 500A was built before a 500B.

These engines went out of production in 1993.

Examples: 432A, 500B, 251A, 740B

Nothing in the names in either of these systems relates in any way to years of production. Some of these engines were in production for less than a year, others for many years.

Charcoal Engines

These engines were built during the joint venture with OMC and were painted a dark charcoal color. They were usually named by long character strings that contain two numbers followed by a series of letters.

The two numbers are the displacement.

Next is a letter that indicates who made the base engine; G=GM, F=Ford

After that, one or two letters that note the fuel system and/or output.

L=limited, S=superior, X=exceptional, i or I=fuel injected (no I means carbureted)

Then one letter for the steering system. P=power steering, M=manual steering, X=exact steering, I=inboard

The next two letters are the most important for finding parts. These are

random letter pairs that indicate the years of production for the engine. All parts information for these engines is based on these letter codes, including the charts that follow later in the book.

MD = 1993-1994 BY = 1997-1998

HU = 1994-1995 WT = 1998-1999

NC = 1995-1996 EF = 1999-2000

LK = 1996-1997

The next letter is also random and is used for version control. An "A" may not be the first version. A "C" may not have been built before an "S". An "S" in one engine's name may not mean the same thing as an "S" in another engine's name, especially if the engines have different displacements or production years. When needed this code is noted in the charts. There are instances where it is needed to find the right column for an engine.

Some names have the letters "CE" at the end. This indicates the engine meets certain emission requirements. The only service part affected is the ECU. These part numbers are noted when needed in the catalogs.

These engines went out of production in 2000.

Examples:

4.3GLPBYC = 4.3L, G=GM, L=limited output, carbureted (no i), P=power steering, BY=built 1997-1998, C=service code for version control

5.8FSiPNCACE = 5.8L, Ford, Superior output, injected, power steering, NC=built 1995-1996, A service code, certified emissions

7.4GLPHUS = 7.4L, GM, limited output, carbureted, power steering, HU=built 1994-1995, S service code

3.0GLMMDA = 3.0L, GM, limited output, carbureted, manual steering, MD=built 1993-1994, A service code

Red Engines, current

Beginning in 2000 the gas engines are painted red again. The naming system was also changed. The first part of the name is the same as the charcoal engines, up to the letters for the fuel system.

The two numbers are the displacement.

Next is a letter that indicates who made the base engine. Engines were produced that use Volvo Penta's composite Ocean Series sterndrives, these engines have an OS for this letter.

After that, one or two letters that note the fuel system and/or output.

For 3.0L only, there is an M or P for steering

For Inboard engines only, there is an I after the lower case i.

Then a dash (-) followed by a one or two letter suffix. This is the major change from the charcoal engines above.

The first letter is the version control, this is present on all current engines. -A is the first version, -B is the second version, etc... There is no link between the suffix and production years.

The second letter, if present is always an F, it notes that the engine has factory installed freshwater cooled.

Example:

3.0GLM-C
4.3GXi-DF
5.0OSi-E
8.1GXil-B

Note: some engines have the letter F for the first letter of the suffix, these are not freshwater cooled, unless there is also an F at the second letter.

Example:

5.7Gi-F is NOT freshwater cooled
5.7Gi-FF is freshwater cooled

Beginning in 2007 new features were added to the gas engines that require additional letters in the model names for model identification.

Engines with electronic shift and throttle were introduced as part of the Electronic Vessel Control (EVC-ec) program. The model names for these engines use an **E** after the i.

Example:

5.0GXiE-JF

Engines with catalytic converters and closed loop control systems were introduced to meet emissions regulations. The model names for these engines use a **C** after the i.

Example:

5.0GXiC-JF

Engines were released that have both features, for these model names the C is before the E.

Example:

5.0GXiCE-JF

Note: There are significant parts and service issues between the C and E engines and similar engines with the same suffix.

In addition, in 2007 the horsepower ratings were added to the model names of some V8 engines. The horse power number is always before the suffix and is separated by a dash (-).

Example:

5.7GiCE-300-JF

Note: due to the complexity of the catalyst engines, they are not covered in the Quick Reference Guide. Please see the EPC for parts for these engines.

Volvo Penta's Inboard Propulsion System was added to gas engines in 2007. The engine models designed for this system have **IPS** after the displacement in the model name.

Example:

8.1IPSE-JF

All IPS engines have the **E** (electronic shift and throttle), some also have the **C** (catalyst). All are freshwater cooled (-?F).

How to identify a Volvo Penta diesel engine

The diesel engines have also used several naming methods. They are not as varied as the gas engine names, plus there are fewer engines listed in each column in the chart. The complete engine name can usually be found in the chart, many times in a separate column. If you use the entire name, including any suffixes, the parts should be easy to find.

The diesel names are also a combination of letters and numbers. As a guideline, the following code letters are used to name the diesel engines;

Before the number

D = diesel
M = marine
A = aftercooler
T = turbocharged
H = horizontal
K = compressor
AQ = engine equipped for a sterndrive

Earlier diesel engines used multiple letters at the beginning, depending on the features on the engine.

Example:

TAMD41 = turbo, aftercooler, marine diesel

Later diesel engines only use a "D" at the beginning, followed by a number.

Example:

D6 = diesel, 6 cylinders

Number

Used to show displacement, horsepower or number of cylinders

After the number

The letters after the number are used for version control, to designate useage or tell the type of transmission mated to the engine.

Before dash (-)

These note different use ratings, such as pleasure, leisure, etc... In some cases in the column headers you will see the version letters separated by a "/" (example TAMD41P/L/M/H -A, this means all of these versions of TAMD41 are covered by that column).

- or -

They are sequential, A, B, C, etc...

Newer diesel engines use this letter to designate the transmission used with the engine;

A = sterndrive
D = IPS
I = Inboard

After dash (-)

These are sequential, A, B, C, etc...

Example:

D6-435D-C = diesel, 6 cylinder, 435HP, IPS, C version

The important thing is to know the engine name and use the complete name when trying to locate the engine in the table of contents or the charts.

QUICK REFERENCE GUIDE

This quick reference guide contains the most common service and repair parts for marine products

DRIVES (in alphabetical order)

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
200	2	290	3	DP-G	4	DPX	5	SX-M	6
250	2	DP-A	4	DPH	5	SP-A	3	SX-S	6
270	2	DP-B	4	DPR	5	SP-C	3	XDP	7
275	2	DP-C	4	DP-S	6	SP-E	3	Volvo Penta IPS™	*
280	2	DP-D	4	DPS-A	7	SX-A	7	* see EPC (Electronic Parts Catalog) for parts	
285	2	DP-E	4	DP-SM	6	SX-C	6		















GASOLINE ENGINES (in alphabetical order)

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
230	8	572	15	5.0Fi	21	5.7GSi	17-18	8.1Gi	24-25
250	8	740	22	5.0FL	21	5.7GXi	18-20	8.1GSi	24
251	8	3.0GL	8-10	5.0Gi	18	5.7OSi	18-20	8.1GXi	24-25
430	11	3.0GS	8-9	5.0GL	15-16	5.7OSXi	18-20	8.1OSi	24-25
431	11	3.0GXi	10	5.0GXi	18-20	5.8Fi	21	8.2GL	22
432	11	4.3Gi	11-12	5.0OSi	18-20	5.8FL	21	8.2GSi	23
434	11	4.3GL	11-13	5.7Gi	17-20	5.8FSi	21	DPX375	24
500	15	4.3GS	11-12	5.7GL	15-16	7.4Gi	22-23	DPX385	23
501	15	4.3GXi	13-14	5.7GLi	17	7.4GL	22	DPX415	23
570	15	4.3OSi	13-14	5.7GS	15	7.4GSi	22-23	DPX420	24
								DPX500/525/600	25

DIESEL ENGINES (in alphabetical order)

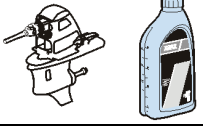

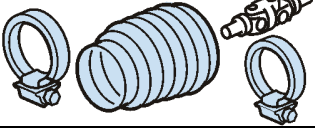
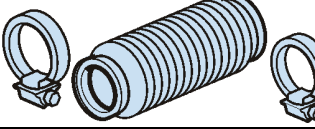

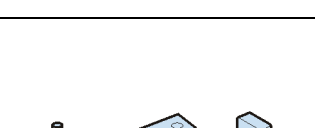
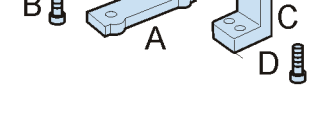
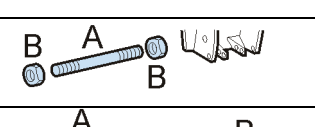
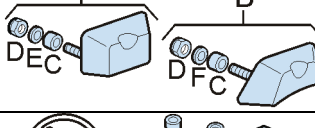
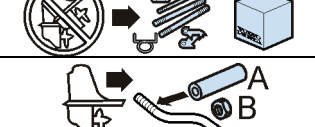
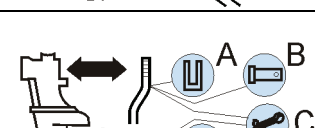
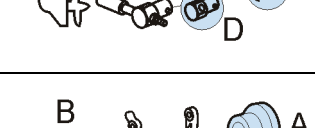

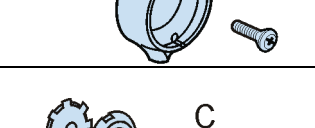
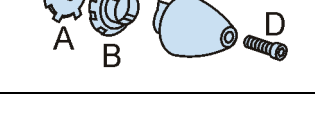
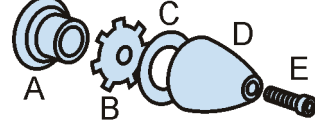
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
2001, 2001B	26	D12C, D12D	52	MD100A, B	48	MD5A, B, C	31	TAMD63L, P	43
2002, 2002B	26	D16C	54	MD11C, D	32	MD6A, B	31	TAMD70B, C, D, E	44
2003, 2003B	26	D2-40A, B, F	28	MD120A	50	MD70B, C	44	TAMD71A, B	46
2003T, TB	26	D2-55A, B, C, D, E, F	29	MD17C, D	32	MD7A, B	31	TAMD72A, P	46
AD31A, B	36	D2-75A, B, C, F	29	MD1B	30	TAMD102A, D	49	TAMD73P, WJ	46
AD31D, L	37	D3	42	MD2	30	TAMD103A	49	TAMD74A	46
AD31P, XD	37	D4	42	MD2010A, B	26	TAMD120A, B	50	TAMD74C, L, P	47
AD41A, B	39	D41A, B, D, L	39	MD2010C, D	27	TAMD121C, D	51	TAMD75P	47
AD41D	39	D5A	42	MD2020A, B	26	TAMD122A, C, D	51	THAMD70B, C	45
AD41L, P	40	D6	42	MD2020C, D	27	TAMD122P	52	TMD100A, C	48
AQAD30A	35	D7A, C	47	MD2030A, B	26	TAMD162A, B, C	53	TMD102A	49
AQAD31A	36	D9A	47	MD2030C, D	27	TAMD163A, C, P	54	TMD120A, B	50
AQAD40A, B	38	KAD300	41	MD2040A, B	26	TAMD165A, C, P	54	TMD121C	51
AQAD41A	39	KAD32P	37	MD2040C, D	27	TAMD22P-B	33	TMD122A	51
AQD21A, B	34	KAD42A, B, P	40	MD21A, B	34	TAMD30A	35	TMD162C	53
AQD2B	30	KAD43P	40	MD22A, L-A	32	TAMD31A, B	36	TMD22A	32
AQD32A	34	KAD44P	41	MD22L-B, MD22P	33	TAMD31L, P, S	37	TMD22-B, P-B	33
AQD40A	38	KAMD300	41	MD2B	30	TAMD40A, B	38	TMD30A	35
AQD41A	39	KAMD42A, B	40	MD30A	35	TAMD41A, B, D	39	TMD31A, B	36
AQD70 B, C, D	45	KAMD42P	41	MD31A	36	TAMD41H,L,M,P	40	TMD31D, L-A	37
D1-13A, B, F	28	KAMD43P	40	MD32A	34	TAMD60A, B, C	43	TMD40A, B, C	38
D1-20/30 A, B, F	28	KAMD44P	41	MD3B	30	TAMD61A	43	TMD41A, B, D, L	39
D11A	47	MD1	30	MD40A	38	TAMD62A	43	TMD70B, C	44




Abbreviations and symbols:



ALT = alternative	 = folding propeller	 = filter insert, sea water filter	 = multi-v belt
GASK = gasket	 = drive distance unit	 = compressor	 = starter motor
PS = power steering	 = drive distance unit	 = coolant pump	 = electric distributor
SN = serial number break	 = earlier production	 = sea water pump	 = no part offered
STD = standard size	 = later production	 = alternator	

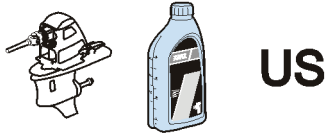

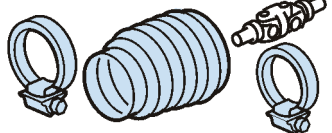
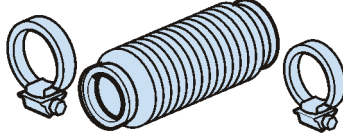

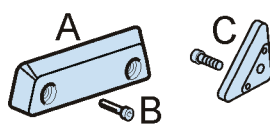
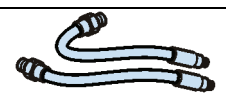
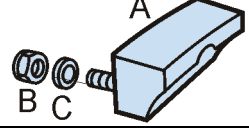
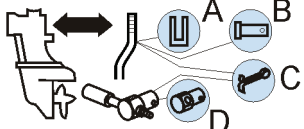
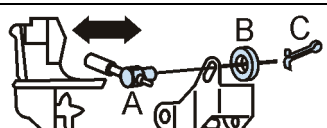
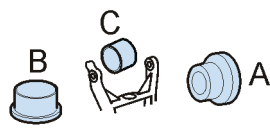
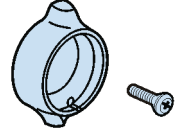

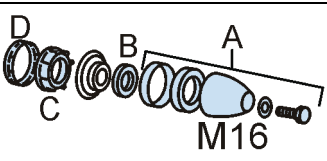
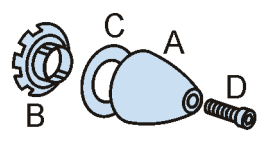



Please use catalog


Publ.No 7744439 March 2010	200	250	270 270T	275 275A 285A	280 280TA 280PT	280DP
 US	10) 2.1 U.S. Qts	10) 2.3 U.S. Qts ⁹⁾	10) 2.3 U.S. Qts ⁹⁾	10) 2.7 U.S. Qts ⁹⁾	10) 2.7 U.S. Qts ⁹⁾	1141676 2.9 U.S. Qts ⁹⁾
	10) 2.0L	10) 2.2L ³⁾	10) 2.2L ³⁾	10) 2.6L ⁸⁾	10) 2.6L ⁸⁾	3809446 2.7L ⁹⁾
	876294	876294	876294	876294	876294	876294
	876631	876631	876631	876631	876631	876631
	875822	875822	270 875822 270T 832831	875822	875822	875822
	∅	A 832598 Zn A 873179 Mg B 959438	270 A 832598 Zn A 873179 Mg B 959438 270T C 832934 Zn D 941809	A 832598 Zn A 873179 Mg B 959438	280, PT A 832598 Zn A 873179 Mg B 959438 280T C 832934 Zn D 941809	A 832598 Zn A 873179 Mg B 959438
	A 814301 B 941885	A 814301 B 814357	A 814301 270 B 814357 270	A 814301 B 814357	A 814301 280,PT B 814357 280,PT	A 814301 B 814357
	A 875379	A 875379	A 875379 ⁴⁾ B 875531 ^{5) 6)}	B 875531	A 875379 ⁴⁾ B 875531 ^{5) 6)}	B 875531
	∅	875361	875361 270	875361	875361 280,PT	875361
	A 897722 B 940197	A 897722 B 940197	A 897722 270 B 940197 270	A 897722 B 940197	A 897722 280,PT B 940197 280,PT	A 897722 B 940197
	A 813954 B 192662 C 17253 C 17276 D 3852329	A 813954 B 192662 C 17253 C 17276 D 3852329	A 813954 B 192662 C 17253 C 17276 D 3852329	A 813954 B 192662 C 17253 C 17276 D 3852329	A 813954 B 192662 C 17253 C 17276 D 3852329	A 813954 B 192662 C 17253 C 17276 D 3852329
	A 876278 B ∅	A 876278 B 814388	A 876278 270 A 832820 270T B 814388	A 876278 B 814388	A 876278 280,PT A 832820 280T B 814388	876278 814388
	875809 Zn	875809 Zn	875805 Zn	875805 Zn	875815 Zn 876137 Mg	875821 Zn 876138 Mg
	A 897367 B 854047 C 854045	A 897367 B 854047 C 854045	A 897367 ¹⁾ B 854047 C 854045 D 850889 ²⁾	∅	A 897367 ¹⁾ B 854047 C 854045 D 850889 ²⁾	∅
	∅	∅	∅	A 854047 B 897367 ¹⁾ C 850888 ²⁾ D 854045 E 850889 ²⁾	A 854047 B 897367 ¹⁾ C 850888 ²⁾ D 854045 E 850889 ²⁾	∅
	A 876266 B 876268	A 876266 B 876268	A 876266 B 876268	A 876266 B 876268	A 876266 B 876268	A 876266 B 876267

∅ No part offered 1)  2)  3)  2.4L 102mm(4") 4) 270, 280, SN-XXXX/80274 5) 270, 280, SNXXXX/80275-

6) 270T, 280T, 280PT 7) Line cutters replaced by thrust washers 8)  2.8L 102mm(4") 9)  2.9L 102mm(4") 10) same as engine

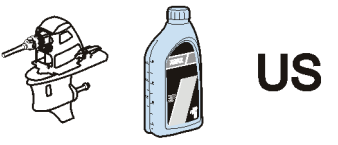
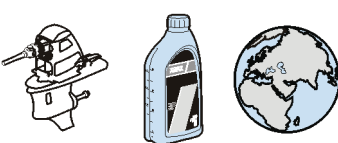
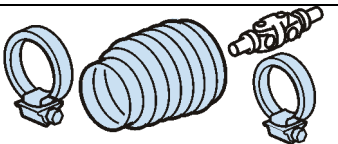
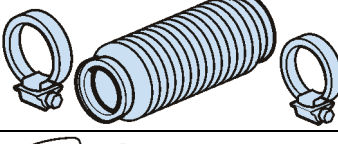

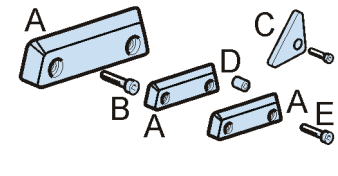
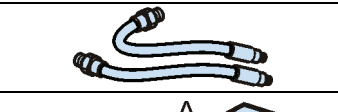
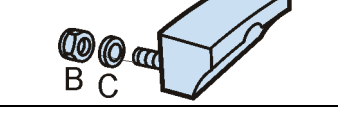
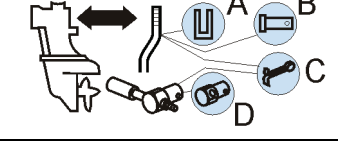
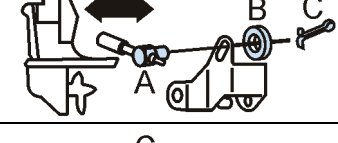

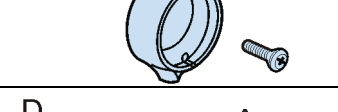
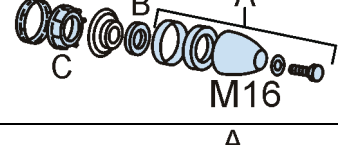
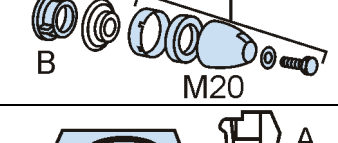

Publ.No 7744439 March 2010	290 290A	SP-A SP-A1 SP-A2	SP-C SP-C1 SP-E	290DP
 US	3) 2.9 U.S. Qts ¹⁾	3) 2.9 U.S. Qts ¹⁾	1141679 2.9 U.S. Qts ¹⁾	1141676 2.9 U.S. Qts ¹⁾
	3) 2.7L ¹⁾	3) 2.7L ¹⁾	3809443 2.7L ¹⁾	3809446 2.7L ¹⁾
	876294	876294	876294	876294
	876631	876631	876631	876631
	876632	876632	876632	876632
	A 852835 Zn A 873178 Mg B 946541 C 872793	A 852835 Zn A 873178 Mg B 946541 C 872793	A 852835 Zn A 873178 Mg B 946541 C 872793	A 852835 Zn A 873178 Mg B 946541 C 872793
	857624	857624	873228 873229	857624
	A 854133 B 971089 C 976945	A 854133 B 971089 C 976945	∅	A 854133 B 971089 C 976945
	A 813954 B 192662 C 17253 D 3852329	A 813954 B 192662 C 17253 D 3852329	A 813954 SP-C B 192662 SP-C C 17253 SP-C D 3852329 SP-C	A 813954 B 192662 C 17253 D 3852329
	∅	∅	A 3852329 SP-C1, SP-E B 940191 SP-C1, SP-E C 17276 SP-C1, SP-E	∅
	A 876279 B 853062 C 852912	A 876279 B 853062 C 852912	A 876507 B 853062 SP-C B 872756 SP-C1 C ∅	A 876279 B 853062 C 852912
	875815 Zn 876137 Mg	875815 Zn 876137 Mg	875815 Zn 876137 Mg	875821 Zn 876138 Mg
	∅	∅	∅	A 852201 DIESEL B 941670 DIESEL C 852216 DIESEL
	∅	∅	∅	A 872614 B 854667 C 852196 D 853869
	A 854045 B 854047 C 850888 D 850889	A 854045 B 854047 SP-A C 850888 D 850889	A 854045 C 850888 D 850889	∅
	A 876266 B 876268	A 876266 B 876268	A 876266 B 876268	A 876266 B 876267

∅ No part offered

¹⁾  2.9L 102mm(4")


²⁾ Line cutters replaced by thrust washers





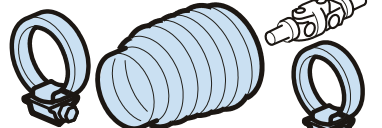

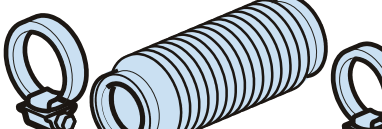
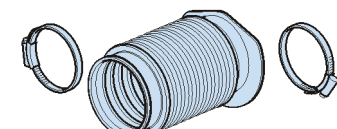

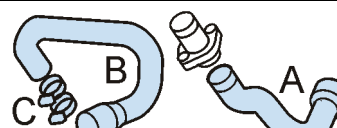


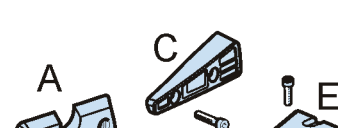





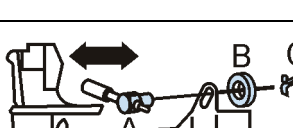






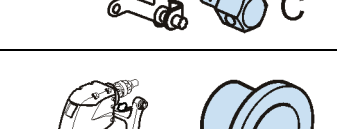
³⁾ same as engine

Publ.No 774439 March 2010	DP-A DP-A1 DP-A2	DP-B DP-B1	DP-C DP-D	DP-C1 DP-D1 DP-E	DP-G
	A, A1 1141676 A2 1141679 2.9 U.S. Qts ²⁾	1141679 2.9 U.S. Qts ²⁾	1141679 2.9 U.S. Qts ²⁾	1141679 2.9 U.S. Qts ²⁾	3809439 (5L) 3.3 U.S. Qts
	A, A1 3809446 A2 3809443 2.7L ²⁾	3809443 2.7L ²⁾	3809443 2.7L ²⁾	3809443 2.7L ²⁾	3809439 (5L) 3.1L
	876294	876294	876294	876294	876294
	876631	876631	876631	876631	3860384
	876632	876632	876632	876632	876632
	A 852835 Zn A 873178 Mg B 946541 C 872793	A 852835 Zn A 873178 Mg B 946541 C 872793 D 854486 E 963701	A 852835 Zn A 873178 Mg B 946541 C 872793 D 854486 E 963701	A 852835 Zn A 873178 Mg B 946541 C 872793 D 854486 E 963701	A 852835 Zn A 873178 Mg B 946541 C 872793 D 854486 E 963701
	857624 ¹⁾	857624 ¹⁾	873228 873229	873228 873229	873228 873229
	A 854133 B 971089 C 976945	A 854133 B 971089 C 976945	∅	∅	∅
	A 813954 B 192662 C 17253 D 3852329	A 813954 B 192662 C 17253 D 3852329	A 813954 B 192662 C 17253 D 3852329	∅	∅
	∅	∅	∅	A 3852329 B 940191 C 17276	A 3852329 B 940191 C 17276
	A 876279 B 853062 C 852912	A 876279 B 853062 C 852912	A 876507 B 853062 C ∅	A 876507 B 872756 C ∅	A 876507 B 872756 C ∅
	875821 Zn 876138 Mg	875821 Zn 876138 Mg	875821 Zn 876138 Mg	875821 Zn 876138 Mg	875821 Zn 876138 Mg
	A 872614 B 854667 C 852196 D 853869	A 872614 B 854667 C 852196 D 853869	A 872614 B 854667 C 852196 D 853869	A 872614 B 854667 C 852196 D 853869	∅
	A 872549 B 3851334	∅	A 872549 B 3851334	A 872549 B 3851334	A 872549 B 3851334
	A 876266 B 876267	A 876266 B 876267	A 876266 B 876267	A 876266 B 876267	∅

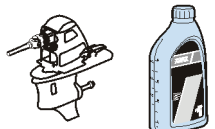



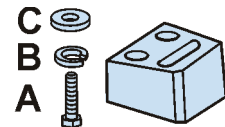
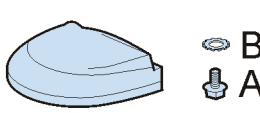
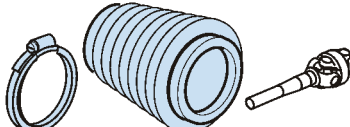
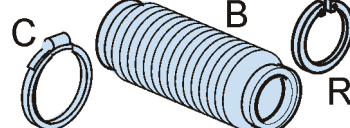
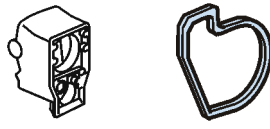
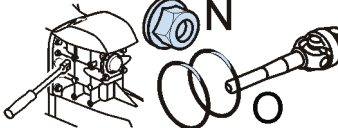
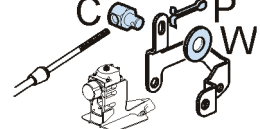
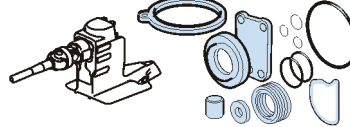
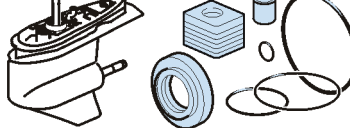
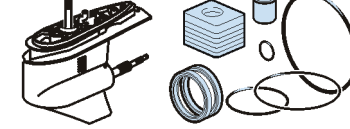
∅ No part offered

¹⁾ Trim hose kit

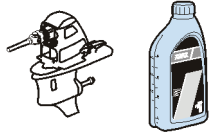
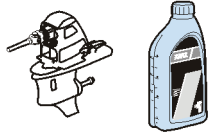

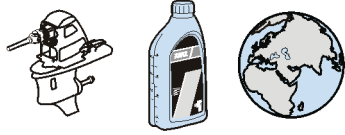
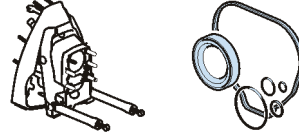


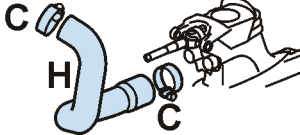
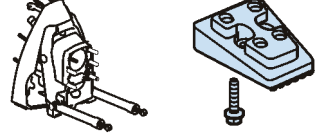
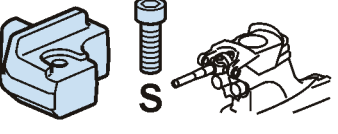
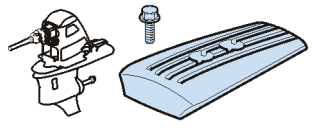

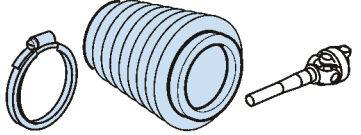
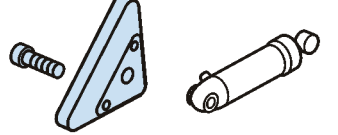
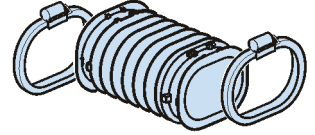
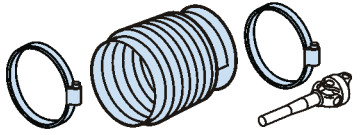
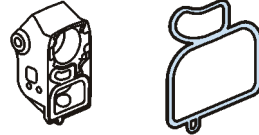

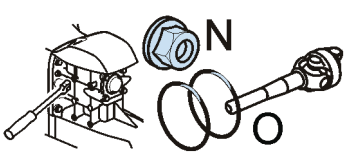
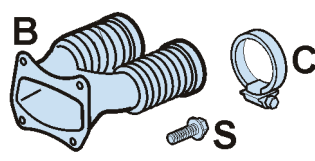
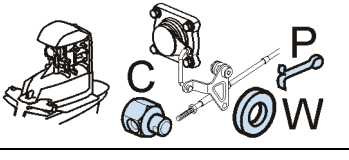
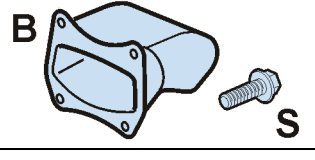
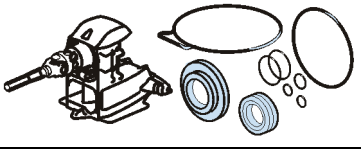
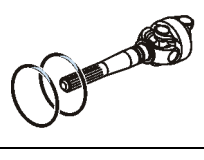
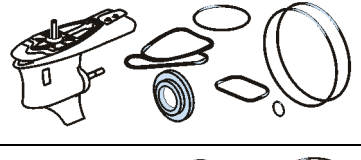
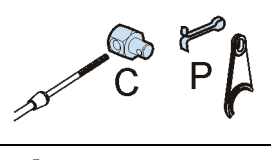
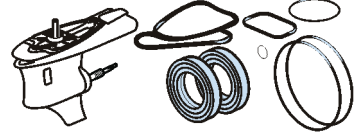
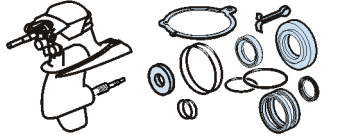
²⁾  2.9L 102mm(4")

Publ.No 7744439 March 2010	DPX-S DPX-S1 DPX-R	DPX-A		DPH-A DPH-B	DPR-A DPR-B
 US	1141679 2.1 U.S. Qts	1141679 1.9 U.S. Qts	 US	1141679 5.7 U.S. Qts	1141679 5.7 U.S. Qts
	3809443 2.0L	3809443 1.8L		3809443 5.4L	3809443 5.4L
	876631	876631		3594509	3594509
	876294	3860384		3588753	3588753
	876632	876632		A 3588767 B 3808170 C 961670	A 3588767 B 3808170 C 961670
	A 872139 B 946541 C 876638 D 872793 E 873395 F 963684	∅		A 3588745 Zn A 3588768 Mg A 3588770 Al B 984257	A 3588745 Zn A 3588768 Mg A 3588770 Al B 984257
	∅	A 872139 B 946541 C 3860190 C 3860191 D 963687 E 876638		A 3588746 Zn A 3588750 Mg A 3588748 Al B 984258	A 3589875 Zn A 3589877 Mg A 3589876 Al B 984258
	873228 873229	873228 873229		3807400	3807400
	A 854696 B 854697	A 854696 B 854697		3589604	3589604
	A 3852329 B 940191 C 17276	A 3852329 B 940191 C 17276		3589605	3589605
	A 876507 B 872756	A 876507 B 3860545 B 3860546		21132674	21132674
	A 872179 B 3851335	A 872179 B 3851335		C 3852329 P 17276	C 3852329 P 17276
	A 876266 B 876639	∅		3862903	3862903








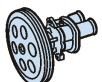
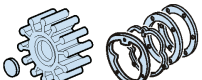

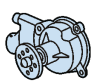
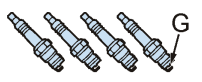
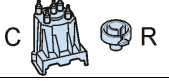
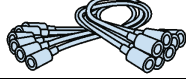

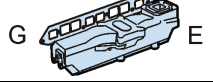


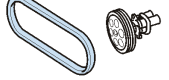
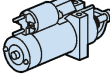
∅ No part offered

Publ.No 774439 March 2010	SX-S	SX-C SX-R	SX-M	DP-S	DP-SM
 US	1141679 2.2 U.S. Qts	1141679 2.2 U.S. Qts	1141679 2.2 U.S. Qts	1141679 2.5 U.S. Qts	1141679 2.5 U.S. Qts
	3809443 2.1 L	3809443 2.1 L	3809443 2.1 L	3809443 2.4 L	3809443 2.4 L
	3858631	3858631	3858631	3858631	3858631
	3852352	3852352	3852352 3807890	3852352 3807890	3852352 3807890
	3586461 Al 3854130 Zn 3855610 Mg A 3852192 B 3852061 C 3852191	3586461 Al 3854130 Zn 3855610 Mg A 3852192 B 3852061 C 3852191	3586461 Al 3854130 Zn 3855610 Mg A 3852192 B 3852061 C 3852191	3586461 Al 3854130 Zn 3855610 Mg A 3852192 B 3852061 C 3852191	3586461 Al 3854130 Zn 3855610 Mg A 3852192 B 3852061 C 3852191
	3863193 Al 3855411 Zn 3855412 Mg A 3852186 B 3852182	3863193 Al 3855411 Zn 3855412 Mg A 3852186 B 3852182	3863193 Al 3855411 Zn 3855412 Mg A 3852186 B 3852182	3863193 Al 3855411 Zn 3855412 Mg A 3852186 B 3852182	3863193 Al 3855411 Zn 3855412 Mg A 3852186 B 3852182
	3841481	3841481	3841481	3841481	3841481
	B 3850426 C 3852603 R 3852665	B 3850426 C 3852603 R 3852665	B 3850426 C 3852603 R 3852665	B 3850426 C 3852603 R 3852665	B 3850426 C 3852603 R 3852665
	3852560	3852560	3852560	3852560	3852560
	N 6x 3853329 O 2x 3852565	N 6x 3853329 O 2x 3852565	N 6x 3853329 O 2x 3852565	N 6x 3853329 O 2x 3852565	N 6x 3853329 O 2x 3852565
	C 3852329 W 3852083 P 3854480	C 3852329 W 3852083 P 3854480	C 3852329 W 3852193 P 3854480	C 3852329 W 3852083 P 3854480	C 3852329 W 3852193 P 3854480
	3850594	3850594	3850594	3850594	3850594
	3850597	3855275	3855275	∅	∅
	∅	∅	∅	3856002	3856002











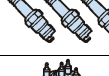

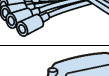

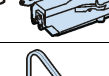





∅ No part offered

Publ.No 7744439 March 2010	SX-A	DPS-A DPS-A OXi		XDP
 US	1141679 2.8 U.S. Qts	1141679 2.6 U.S. Qts	 US	1141679 2.6 U.S. Qts
	3809443 2.66 L	3809443 2.45 L		3809443 2.55 L
	3888820	3888820		3859049
	3883777	3883777		H 3862068 C 3852602
	3888816 Al 3888817 Zn 3888818 Mg	3888816 Al 3888817 Zn 3888818 Mg		3861636 Al 3861633 Mg S 963684
	3888813 Al 3888814 Zn 3888815 Mg	3888813 Al 3888814 Zn 3888815 Mg		3861634 Al 3861635 Mg S 963689
	3841481	3841481		3861583 Zn
	3888916	3888916		21277185
	3883572	3883572		X-B, -BLT B 3885870 S 982283 C 3854978
	N 6x 3853329 O 2x 3852565	N 6x 3853329 O 2x 3852565		XHP-B, -BLT XXP-D3 B 3885871 S 982283 C 3854978
	C 3852329 W 3852193 P 3854480	C 3852329 W 3852193 P 3854480		XXP-A B 3589500 S 982283
	3888917	3888917		2x 3852565
	3888821	∅		C 3852329 P 3854480
	∅	3888822		3859050






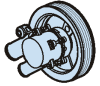


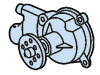
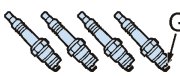
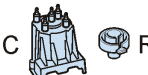
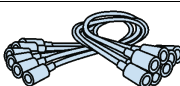

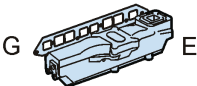

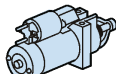
∅ No part offered

Publ.No 7744439 March 2010	230A 230B 250A 250B	251A	3.0GL MMDA	3.0GS PMDA	3.0GS MHUB MNCA	3.0GS PHUB PNCA	3.0GS MLKD MBYMCE	3.0GS PLKD PBYMCE
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	4.75 US Qt. 4.5L	4.75 US Qt. 4.5L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L
	3517857	3517857	835440	835440	835440	835440	835440	835440
			3862228	3862228	3855104	3855104	3855104	3855104
	855578	855517	3812693	3857794	3857794	3857794	3857794	3857794
	875575	875575	3862281	3862281	3862281	3862281	3862281	3862281
	875580	875580	3853799 G 3852127 O 3852120	3853799 G 3852127 O 3852120	3853799 G 3852127 O 3852120	3853799 G 3852127 O 3852120	3853799 G Ø O 3856537	3853799 G Ø O 3856537
	271975	271975	3858340	3858340	3858340	3858340	3858340	3858340
	875820 G 0.028" (0.7mm)	876077 G 0.028" (0.7mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)
	C 841263 R 243903	C 1346788 R 1346787	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261
	875571	876078	3888324	3888324	3888324	3888324	3888324	3888324
	Ø	Ø	R 3850799 G 3850495	R 3850799 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495
	E 855387 G 4x855967	E 855503 G 855513	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256
	968294	968294	Ø	3857835	Ø	3857835	Ø	3857835
	966694	966694	3852336	3853536	3852336	3853536	3852336	3853536
	Ø	Ø	3850268	3850268	3850268	3850268	3850268	3850268
	873549	873549	3862308	3862308	3862308	3862308	3862308	3862308










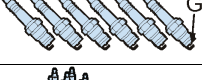


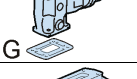





Ø No part offered

Publ.No 7744439 March 2010	3.0GS MWTR MWTS	3.0GS PWTR PWTS	3.0GSMEFS	3.0GSPFES	3.0GSM-A 3.0GSM-B 3.0GSM-C	3.0GSP-A 3.0GSP-B 3.0GSP-C	3.0GLM-A 3.0GLM-B	3.0GLP-A 3.0GLP-B
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
 	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L
	835440	835440	835440	835440	835440	835440	835440	835440
	3855104	3855104	3855104	3855104	3855104	3855104	3855104	3855104
	3857794	3857794	3812693	3812693	3812696	3812696	3812696	3812696
	3862281	3862281	3862281	3862281	21213660	21213660	21213660	21213660
	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537
	3858340	3858340	3858340	3858340	3858340	3858340	3858340	3858340
	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)
	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261
	3888324	3888324	3888324	3888324	3888324	3888324	3888324	3888324
	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495	R 3863071 G 3850495
	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256
	Ø	3857835	Ø	Ø	Ø	Ø	Ø	Ø
	3852336	3853536	Ø	Ø	Ø	Ø	Ø	Ø
	3850268	3850268	Ø	Ø	Ø	Ø	Ø	Ø
	Ø	Ø	3860093	3860092	3860093	3860092	3860093	3860092
	3885317 + 3860840	3885317 + 3860840	3862308	3862308	3885317	3885317	3885317	3885317





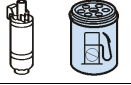

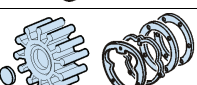
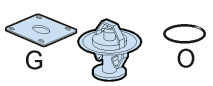
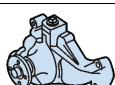
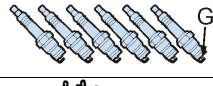
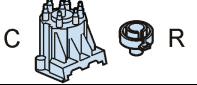

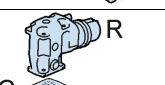
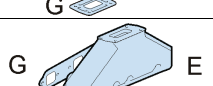



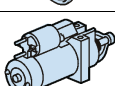
Ø No part offered

Publ.No 7744439 March 2010	3.0GLM-C	3.0GLP-C	3.0GLP-D	3.0GLP-E	3.0GLP-J 3.0GLP-N	3.0GXi-J 3.0GXiC-J
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
 4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L	4.0 US Qt. 3.8L
	835440	835440	835440	835440	835440	835440
	3855104	3855104	3855104	3855104	3855104	3847644
	3812696	3812696	21212798	21212798	21212798	21212801
	21213660	21213660	21213664	21213664	21213664	21213664
	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	3853799 O 3856537	21148403 O 3856537
	3858340	3858340	3858340	3858340	3858340	3858340
	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	21165135 G 0.050" (1.27mm)
	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261	C 3854260 R 3854261
	3888324	3888324	3888324	3888324	3888324	3888324
	R 3863071 G 3850495	R 3863071 G 3850495	R 3588684 G 3850495	R 3588684 G 3850495	R 3588684 G 3850495	R 3848841 G 3887574
	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3858870 G 3853256	E 3848837 G 3853256
	3586324	3586325	3586325	3860092	3888177	21132392
	3885317	3885317	3885317	3885317	3885317	3885317

∅ No part offered





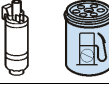

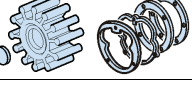


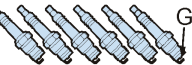


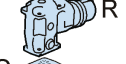


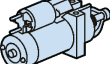
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 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L
	841750	841750	841750	841750	841750	841750	841750	841750
	855686	855686	855686	3862228	3862228	3862228	3862228	3862228
	857451	857451	857451	3858847	3858847	3858847	3858847	3857794
	876120	3862281	3862281	3854287	3854287	3862281	3862281	3862281
	876305	876305	876305	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071
	3853850	3853850	3853850	3853850	3853850	3853850	3853850	3853850
	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3851859 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)
	C 841926 R 3853801	C 841926 R 3853801	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311
	∅	∅	3888325	3888325	3888325	3888325	3888325	3888325
	R 857037 G 857618	R 857037 G 857618	R 857037 G 857618	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
	E 856894 G 856116	E 856894 G 856116	E 856894 G 856116	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412
	967111	967111	967111	∅	3852464	3852464	3852464	3852464
	978750	978750	978750	3852464	3852504	GL,GS 3852504 Gi 3853368	GL,GS 3852504 Gi 3853368	GL,GS 3852504 Gi 3853368
	∅	∅	∅	3852336	3852336	3852336	3852336	3852336
	3862308	3860764	3860764	3860764	3860764	3860764	3860764	3860764

∅ No part offered

Publ.No 7744439 March 2010	4.3GLPLK 4.3GSPLK 4.3GiPLK	4.3GLPBY 4.3GSPBY 4.3GiPBY	4.3GLPWT 4.3GSPWT 4.3GiPWT	4.3GLPEF 4.3GLP-A	4.3GiPEF	4.3GLP-B 4.3GLP-C 4.3GLP-D	4.3GL-E	4.3GL-EF
	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	5.0 US Qt. 4.7L	5.0 US Qt. 4.7L
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	3862228	3862228	3862228	3862228	3847644	3862228	3862228	3862228
	3857794	3857794	21214596	21214596	3812693	21214596	21214596	21214596
	3862281	3862281	21213660	21213660	21213660	21213660	21213660	21213660
	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3587597 G 3852111 O 983944	3587597 G 3852111 O 983944	3831426 G 3852111
	3853850	3853850	3853850	3853850	3853850	3853850	3853850	3853850
	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)	3856759 G 0.045" (1.14mm)
	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311
	3888325	3888325	3888325	3888325	3888325	3888325	3888325	3888325
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412
	3852464	3852464	3852464	3852464	3860086 ¹⁾	3852464	3852464	3852464
	978547	978547	978547	978547	Ø	978547	978547	978547
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



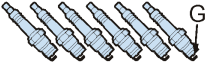
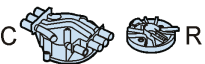

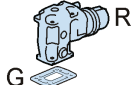
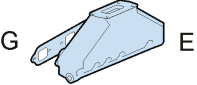

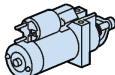
Ø No part offered



Publ.No 7744439 March 2010	4.3GL-G	4.3GL-GF	4.3GL-J	4.3GL-JF 4.3GL-J ¹⁾	4.3GXi-A	4.3GXi-B 4.3OSi-B	4.3GXi-BF 4.3OSi-BF
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
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	835440	835440	8692305	8692305	841750	3850559	3850559
	3862228	3862228	3862228	3862228	3847644	3847644	3847644
	21212799	21212799	21212799	21212799	3812693	3812693	3812693
	21213664	21213664	21213664	21213664	21213660	21213660	21213660
 G O	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3831426 G 3852111
	3853850	3853850	21124846	21124846	3853850	3853850	3853850
 G	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)
 C R	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3854331 R 3854311	C 3859019 R 3858977	C 3859019 R 3858977
	3888325	3888325	3888325	3888325	3888325	3888327	3888327
 R G	R 3863061 G 3863191	R 3863061 G 3863191	R 3889964 G 3863191	R 3889964 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
 G E	E 3857656 G 3853412	E 3857656 G 3853412	E 3847672 G 3853412	E 3847672 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412
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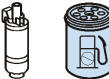

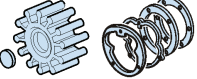

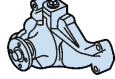
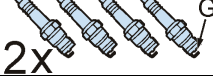
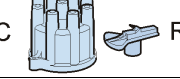

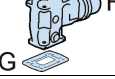



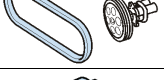
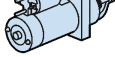
∅ No part offered

1) Freshwater Cooling Option





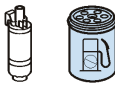




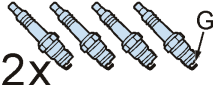
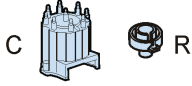
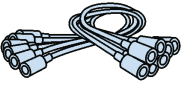

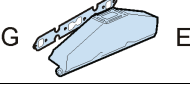

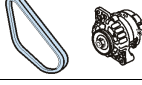

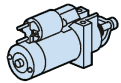
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 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
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	5.0 US Qt. 4.7L	5.0 US Qt. 4.7L	5.0 US Qt. 4.7L	5.0 US Qt. 4.7L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L	4.5 US Qt. 4.2L
	3850559	3850559	3850559	3850559	835440	835440	8692305	8692305
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	3812693	3812693	3812693	3812693	21212799	21212799	21212799	21212799
	21213660	21213660	21213660	21213660	21213664	21213664	21213664	21213664
	3587597 G 3852111 O 3852071	3831426 G 3852111	3587597 G 3852111 O 3852071	3831426 G 3852111	3587597 G 3852111 O 3852071	3831426 G 3852111	3587597 G 3852111 O 3852071	3831426 G 3852111
	3853850	3853850	3853850	3853850	3853850	3853850	21124846	21124846
	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)	3858997 G 0.060" (1.52mm)
	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977	C 3859019 R 3858977
	3888327	3888327	3888327	3888327	3888327	3888327	3888327	3888327
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3889964 G 3863191	R 3889964 G 3863191
	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3857656 G 3853412	E 3847672 G 3853412	E 3847672 G 3853412
	3860086	3860086	3586326	3586326	3889124	3889124	21132390	21132390
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Ø No part offered

1) Freshwater Cooling Option





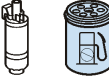

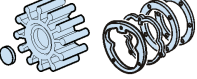
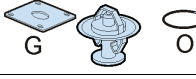

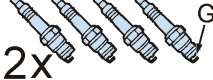
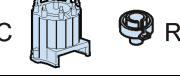

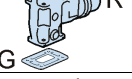



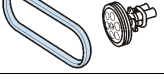
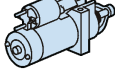
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 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
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	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L
	835440	3850559	3850559	3850559	3850559	3850559	3850559	3850559
	855686	3852228	3852228	3852228	3852228	3852228	3852228	3852228
	857451	3858847	3857794	3857794	3857794	21214596	21214596	21214596
	876120	3854287	3862281	3862281	3862281	21213660	21213660	21213660
	876305	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071
	3853850	3853850	3853850	3853850	3853850	3853850	3853850	3853850
 2X	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851857 G 0.035" (0.90mm)	3851857 G 0.035" (0.90mm)	3851857 G 0.035" (0.90mm)	3851857 G 0.035" (0.90mm)
 C R	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3854548 R 3862014
	3857166	3857166	3857166	3857166	3857166	3857166	3857166	3888326
 R G	R 856891 G 856039	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
 G E	E 856883 G 856034	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468
	967111	3852464	3852464	3852464	3852464	3852464	3852464	3852464
	978750	3853368	3853368	978547	978547	978547	978547	978547
	∅	3850268	3850268	978457	978457	∅	∅	∅
	3860764	3860764	3860764	3860764	3860764	3860764	3885317	3885317

∅ No part offered








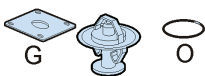
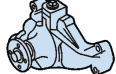
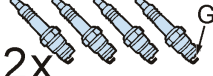
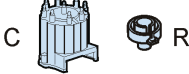

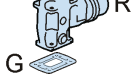
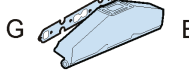




Publ.No 7744439 March 2010	5.0GL 5.7GL -C, -D, -E	5.0GL-F	5.0GL-FF	5.0GL-G	5.0GL-GF	5.0GL-J	5.0GL-JF 5.0GL-J ¹⁾
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	6.0 US Qt. 5.7L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L
	3850559	835440	835440	835440	835440	8692305	8692305
	3862228	3862228	3862228	3862228	3862228	3862228	3862228
	21214596	21255090	21255090	21255090	21255090	21255090	21255090
	21213660	21213664	21213664	21213664	21213664	21213664	21213664
	3587597 G 3852111 O 983944	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111
	3853850	3853850	3853850	3853850	3853850	3853850	3853850
 2x	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)	3858996 G 0.045" (1.14mm)
 C R	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014
	3888326	3888326	3888326	3888326	3888326	3888326	3888326
 R G	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3889965 G 3863191	R 3889965 G 3863191
 G E	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3847501 G 3852468	E 3847501 G 3852468
	3852464	3852464	3852464	∅	∅	∅	∅
	978547	978547	978547	∅	∅	∅	∅
	∅	∅	∅	3889124	3889124	3889126	3889126
	3885317	3885317	3885317	3885317	3885317	3885317	3885317

∅ No part offered

¹⁾ Freshwater Cooling Option





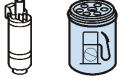


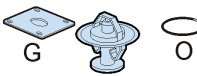

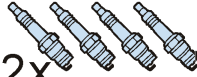
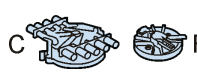

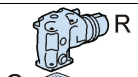
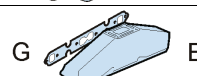


Publ.No 7744439 March 2010	5.7GiPMDA	5.7GiPHUS	5.7GiPNCA 5.7GiPNCM	5.7GiPNCS 5.7Gi PNCB	5.7GiPLK 5.7GLiPLK	5.7GSiPLK
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L
	835440	835440	835440	835440	835440	835440
	3852228	3852228	3862228	3862228	3862228	3862228
	3858847	3858847	3858847	3857794	3857794	3857794
	3862281	3862281	3862281	3862281	3862281	3862281
	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071
	3853850	3853850	3853850	3853850	3853850	3853850
 2x	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)
 C R	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014
	3888326	3888326	3888326	3888326	3888326	3888326
 R G	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
 G E	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468
	3852464	3852464	3852464	3852464	3852464	3852464
	3853368	3853368	3853368	978547	978547	978547
	3860268	3860268	3860268	978457	978457	978457
	3860764	3860764	3860764	3860764	3860764	3860764

∅ No part offered





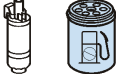




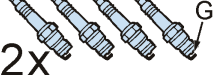
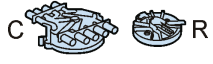


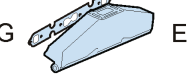

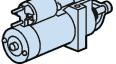
Publ.No 7744439 March 2010	5.0GiPBY 5.7GSiPBY	5.0Gi 5.7GSi PWTR	5.0Gi 5.7GSi PEFS	5.0GXi-A 5.7Gi-A 5.7GXi-A 5.7GXi-B	5.0GXi-B 5.0OSi-B 5.7Gi-B 5.7OSi-A 5.7GXi-C 5.7OSXi-A	5.0GXi-BF 5.0OSi-BF 5.7Gi-BF 5.7OSi-AF 5.7GXi-CF 5.7OSXi-AF
	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L
	3850559	3850559	3850559	3850559	3850559	3850559
	3862228	3852228	3847644	3847644	3847644	3847644
	3857794	21214596	21214599	21214599	21214599	21214599
	3862281	21213660	21213660	21213660	21213660	21213660
	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3831426 G 3852111
	3853850	3853850	3853850	3853850	3853850	3853850
	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)
	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3858975 R 3858977	C 3858975 R 3858977
	3888326	3888326	3888326	3888326	3888328	3888328
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468
	3852464	3852464	∅	∅	∅	∅
	978547	978547	∅	∅	∅	∅
	978457 ¹⁾	∅	3860086	3860086	3860086	3860086
	3860764	3860764	3885317	3885317	3885317	3885317

∅ No part offered

1) SW Pump





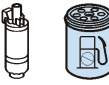

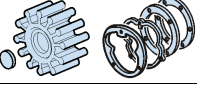
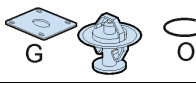
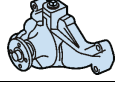
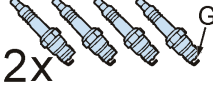
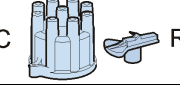

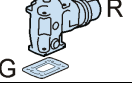
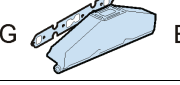



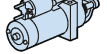
Publ.No 7744439 March 2010	5.0GXl -C,-D 5.0OSi -C,-D 5.7Gi -C,-D 5.7OSi -B,-C 5.7GXl -D,-E 5.7OSXi -B,-C	5.0GXl -CF,-DF 5.0OSi -CF,DF 5.7Gi -CF,-DF 5.7OSi -BF,-CF 5.7GXl -DF,-EF 5.7OSXi -BF,-CF	5.0GXl-E 5.0OSi-E 5.7Gi-E 5.7OSi-D 5.7GXl-F 5.7OSXi-D	5.0GXl-EF 5.0OSi-EF 5.7Gi-EF 5.7OSi-DF 5.7GXl-FF 5.7OSXi-DF	5.0GXl -F,-G 5.0OSi -F,-G 5.7Gi -F,-G 5.7OSi -E,-G 5.7GXl -G,-H 5.7OSXi-E,-G
	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	5.5 US Qt. 5.2L
	3850559	3850559	3850559	3850559	835440
	3847644	3847644	3847644	3847644	3847644
	21214599	21214599	21214599	21214599	21212799
	21213660	21213660	21213660	21213660	21213664
	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944
	3853850	3853850	3853850	3853850	3853850
	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)
	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977
	3888328	3888328	3888328	3888328	3888328
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468	E 3857723 G 3852468
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∅ No part offered





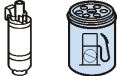

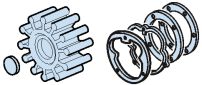


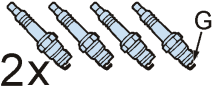
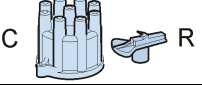

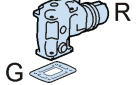

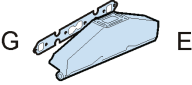


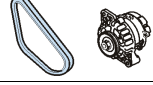
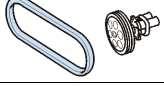
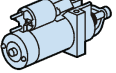
Publ.No 7744439 March 2010	5.0GXl -FF,-GF 5.0OSl -FF,-GF 5.7Gi -FF,-GF 5.7OSl -EF,-GF 5.7OSXl -EF,-GF 5.7GXl -GF,-HF	5.0GXl-J, -N 5.0OSl-J 5.7Gi-J, -N 5.7OSl-J 5.7GXl-J, -N 5.7OSXl-J	5.0GXl -JF, -J ¹⁾ , -N ¹⁾ 5.0OSl-JF 5.7Gi -JF, -J ¹⁾ , -N ¹⁾ 5.7OSl-JF 5.7GXl -JF, -J ¹⁾ , -N ¹⁾ 5.7OSXl-JF	5.0GXlE -J,-K,-M,-N 5.0OSlE-J 5.7GiE -J,-K,-M,-N 5.7OSlE-J 5.7GXlE -J,-K,-M,-N 5.7OSXlE-J	5.0GXlE -JF,-KF,-MF,-N ¹⁾ 5.0OSlE-JF 5.7GiE -JF,-KF,-MF,-N ¹⁾ 5.7OSlE-JF 5.7GXlE -JF,-KF,-MF,-N ¹⁾ 5.7OSXlE-JF
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L	5.5 US Qt. 5.2L
	835440	8692305	8692305	8692305	8692305
	3847644	3847644	3847644	3847644	3847644
	21212799	21212799	21212799	21212799	21212799
	21213664	21213664	21213664	21213664	21213664
	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111	3587597 G 3852111 O 983944	3831426 G 3852111
	3853850	3853850	3853850	3853850	3853850
 2x	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)	3858996 G 0.060" (1.52mm)
 C R	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977	C 3858975 R 3858977
	3888328	3888328	3888328	3888328	3888328
 R G	R 3863061 G 3863191	R 3889965 G 3863191	R 3889965 G 3863191	R 3889965 G 3863191	R 3889965 G 3863191
 G E	E 3857723 G 3852468	E 3847501 G 3852468	E 3847501 G 3852468	E 3847501 G 3852468	E 3847501 G 3852468
	3889124	21132390	21132390	21132390	21132390
	3885317	3885317	3885317	3885317	3885317

Ø No part offered





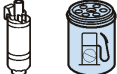

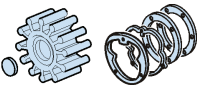


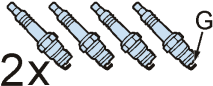
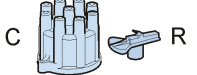

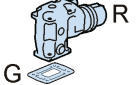
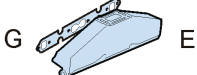



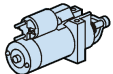
1) Freshwater Cooling Option

Publ.No 774439 March 2010	5.0FLPMDA 5.8FLPMDA	5.0FLPHU 5.8FLPHU	5.0FLPNCA 5.0FLPNCM 5.8FLPNCA 5.8FLPNCM	5.0FLPNCS 5.0FLPNCB 5.8FLPNCS 5.8FLPNCB	5.0FiPMDA 5.0FiPMDM 5.8FiPMDA 5.8FiPMDM	5.0FiPHU 5.8FiPHU 5.8FSiPHU	5.0FiPNCA 5.0FiPNCM 5.8FiPNCA 5.8FiPNCM 5.8FSiPNCA	5.0FiPNCS 5.0FiPNCB 5.8FiPNCS 5.8FiPNCB 5.8FSiPNCD 5.8FSiPNCS
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L	6.0 US Qt. 5.7L
	835779	835779	835779	835779	835779	835779	835779	835779
	3852228	3852228	3852228	3852228	3852228	3852228	3852228	3852228
	3858847	3858847	3858847	∅	3858847	3858847	3858847	∅
	3854286	3862281	3862281	3862281	3854286	3862281	3862281	3862281
	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071	3856961 G 3852111 O 3852071
	∅	∅	∅	∅	∅	∅	∅	∅
 2x	∅ G 0.035" (0.90mm)	∅ G 0.035" (0.90mm)	∅ G 0.035" (0.90mm)	∅ G 0.035" (0.90mm)	5.0 3851857 5.8 3851868 G 0.045" (1.14mm)	5.0 3851857 5.8 3851868 G 0.045" (1.14mm)	5.0 3851857 5.8 3851868 G 0.045" (1.14mm)	5.0 3851857 5.8 3851868 G 0.045" (1.14mm)
 C R	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C ∅ R ∅	C ∅ R ∅	C ∅ R ∅	C ∅ R ∅
	∅	∅	∅	∅	∅	∅	∅	∅
 R G	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R stbd-3855269 port-3855271 G 3863191	R stbd-3855269 port-3855271 G 3863191	R stbd-3855269 port-3855271 G 3863191	R stbd-3855269 port-3855271 G 3863191
 G E	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455	E 3852347 G 3852455
	3858462	3858462	3858462	3858462	3858462	3858462	3858462	3858462
	3852106	3852106	3852106	3852106	3853713	3853713	3853713	3853713
	3852348	3852348	973535	973535	3852348	3852348	973535	973535
	∅	∅	∅	∅	∅	∅	∅	∅

∅ No part offered






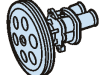

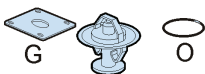

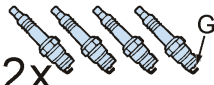


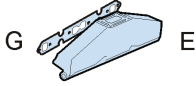

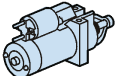
Publ.No 7744439 March 2010	740A 740B	7.4GLPMD 8.2GLPMD	7.4GLPHU 7.4GLPNCA 7.4GLPNCM	7.4GLPNCS 7.4GLPNCB 7.4GLPLK	7.4Gi PHUB, PNCA, PNBM 7.4GSI PHUB, XNCM	7.4Gi PNCS PNCB PLKD PLKE
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L
	835440	835440	835440	835440	835440	835440
	855686	3852228	3852228	3852228	3852228	3852228
	3860703 + 3x3857930	3858847	3858847	3857794	3858847	3857794
	876120	3854286	3862281	3862281	3862281	3862281
	876305	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071
	3855991	3855991	3855991	3855991	3855991	3855991
 2x G	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851861 G 0.035" (0.90mm)	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)
 C R	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3853815 R 3853801	C 3854548 R 3862014	C 3854548 R 3862014
	3857168	3857168	3857168	3857168	3888326	3888326
 R G		R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
 G E		E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472
	-A 966387 -B 975093	3853368	3853368	3853368	3853368	3853368
	967191	3852607	3852607	3852607	3854643	3854643
	∅	3850430	3850430	978454	3850430	978454
	-A 3862308 -B 3860764	3860764	3860764	3860764	3860764	3860764

∅ No part offered





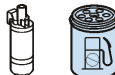




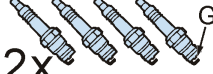

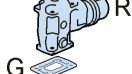
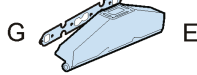

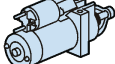
Publ.No 7744439 March 2010	7.4GSiXNCB 8.2GSiXNCB DPX385 DPX415 LK, BY	7.4GiPBY	7.4GiPWT	7.4GiPEF	7.4GSiXWT 8.2GSiXWT DPX385 DPX415 XWT, XEF	7.4GSiXEF 8.2GSiXEF
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L	7.0 US Qt. 6.6L
	835440	835440	3850559	3850559	3850559	3850559
	3852228	3852228	3852228	3847644	3852228	3847644
	3857794	3857794	3812698	3812694	3812698	3812694
	3862281	3862281	21213660	21213660	21213660	21213660
	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071	3853983 G 3852111 O 3852071
	3855991	3855991	3855991	3855991	3855991	3855991
 2x	3851861 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851857 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)	3851861 G 0.045" (1.14mm)
 C R	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014	C 3854548 R 3862014
	3888326	3888326	3888326	3857168	3857168	3857168
 R G	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
 G E	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472	E 3861459 G 3852472
	3853368	3853368	3853368	∅	3853368	∅
	3854643	3854643	3854643	∅	3854643	∅
	978454	978454	∅	3860087	∅	3860087
	3860764	3860764	3860764	3860764	3860764	3860764

∅ No part offered



Publ.No 7744439 March 2010	8.1Gi-A,-B 8.1GSi-A 8.1GXi-A DPX375-A,-B DPX420-A,-B	8.1Gi-BF 8.1GXi-AF DPX375-BF DPX420-BF	8.1Gi-C 8.1Gi-D 8.1GXi-B 8.1GXi-C	8.1Gi-CF 8.1Gi-DF 8.1GXi-BF 8.1GXi-CF DPX375-CF DPX420-CF	8.1Gi-E 8.1Gi-F 8.1GXi-D 8.1GXi-E 8.1OSi-A 8.1OSi-B	8.1Gi-EF 8.1Gi-FF 8.1GXi-DF 8.1GXi-EF 8.1OSi-AF 8.1OSi-BF
	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429
	9.0 US Qt. 8.5L	9.0 US Qt. 8.5L	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L
	3850559	3850559	835440	835440	835440	835440
	3847644	3847644	3847644	3847644	3847644	3847644
	21214601	21214601	21214601	21214601	21214601	21214601
	21213660	21213660	21213660	21213660	21213660	21213660
	3856961 O 3861000 O 3852071	3831426 G 3852111	3856961 O 3861000 O 3852071	3831426 G 3852111	3856961 O 3861000 O 3852071	3831426 G 3852111
	3861341	3861341	3861341	3861341	3861341	3861341
	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)
	3861295	3861295	3861295	3861295	3861295	3861295
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191
	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472
	3861034	3861034	3862614	3862614	3862614	3862614
	3885317	3885317	3885317	3885317	3885317	3885317

∅ No part offered

Publ.No 7744439 March 2010	8.1Gi-G 8.1Gi-H 8.1GXi-F 8.1GXi-G 8.1OSi-C 8.1OSi-D	8.1Gi-GF 8.1Gi-HF 8.1GXi-FF 8.1GXi-GF 8.1OSi-CF 8.1OSi-DF	8.1Gi-J 8.1GiE -J,-K,-M 8.1GXi-J 8.1GXiE -J,-K,-M 8.1OSi-J 8.1OSiE-J	8.1Gi-JF,-J ¹⁾ 8.1GiE -JF,-KF,-MF,-M ¹⁾ 8.1GXi-JF,-J ¹⁾ 8.1GXiE -JF,-KF,-MF,-M ¹⁾ 8.1OSi-JF 8.1OSiE-JF	DPX500 DPX525 DPX600
 US	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Min 3847302 Syn 3847308	Ø
	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Min 3809433 Syn 3809429	Ø
	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L	8.5 US Qt. 8.0L	8.0US Qt. 7.6L
	835440	835440	8692305	8692305	3850559
	3847644	3847644	3847644	3847644	3860682
	21212800	21212800	21212800	21212800	3860703
	21213664	21213664	21213664	21213664	876120
	3856961 O 3861000 O 3852071	3831426 G 3852111	3856961 O 3861000 O 3852071	3856961 O 3861000 O 3852071	Ø
	3861341	3861341	3861341	3861341	3855991
 2x	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	3861326 G 0.060" (1.50mm)	Ø
	3861295	3861295	3861295	3861295	3857169
	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	R 3863061 G 3863191	Ø
	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472	E 3860855 G 3852472	Ø
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Ø No part offered

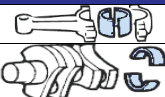
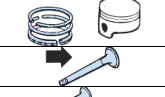
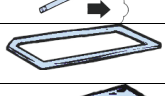

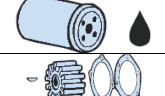
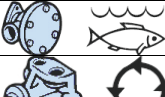
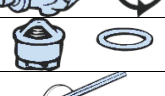
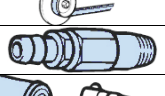
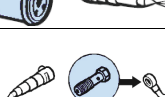
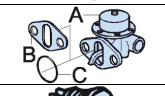
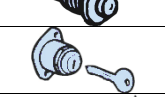

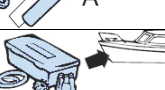




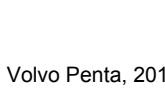

1) Freshwater Cooling Option

Publ.No 774439 March 2010	2001 2001B	2002 2002B	2003 2003B	2003T 2003TB	MD2010A MD2010B	MD2020A MD2020B	MD2030A MD2030B	MD2040A MD2040B
	875747	875747	875747	875747	876669 STD	876672 STD	876682 STD	876685 STD
	875773	875773	875773	875773	876657 STD	876666 STD	876660 STD	876663 STD
	876114 STD	876114 STD	876114 STD	876114 STD	861954 STD	861954 STD	3580337STD	3580546STD
	860074	860074	860074	860555	861858	861858	3580303	3580478
	860075	860075	860075	860075	861859	861859	3580304	3580479
	859042	859043	859044	859044	861887 861888	3580238 3580239	3580316 3580317	3580496
	840569	859094	859093	859093	861865	3580234	3580309	3584202
	1.40L	2.75L	4.10L	4.10L	1.8L	3.4L	4.3L	7.3L
	834337	834337	834337	834337	861473	861473	3840525	3840525
	3586496	3586496	3586496	3862281	3593659	3593659	3593659	3593659
	840557	840557	840557	858150	3593654	3593654	3593655	3593655
	875756	875756	875756	876060	∅	∅	∅	∅
	∅	3812236 ²⁾	3812236 ²⁾	3812236	861990	861990	3580363	3580574
	∅	3812230 ²⁾	3812230 ²⁾	3812230	∅	∅	∅	∅
	877355	877355 875795 ²⁾	877355 875795 ²⁾	875795	861911	861911	3580365	3580365
	876224	876224	876224	876219	∅	∅	∅	∅
	966903	966900 966906 ²⁾	966900 966906 ²⁾	966906	973534	973534	978482	978710
	B 947893	B 947893	B 947893	A 82744 B 947893	A 861824	A 861824	A 861824	A 861824
	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	∅	∅	∅	∅
	829913 3581078 ³⁾	829913 3581078 ³⁾	829913 3581078 ³⁾	829913 3581078 ³⁾	861477 3581078 ³⁾	861477 3581078 ³⁾	861477 3581078 ³⁾	861477 3581078 ³⁾
	25167 969299 243487 858006	25167 969299 243487 858006	25167 969299 243487 858006	25167 969299 243487 858006	3580204 3580098 3580094 3580152	3580204 3580098 3580094 3580152	3580204 3580098 3580094 3580152	3580204 3580098 3580599 3580628
	876217	876217	876217	876217	∅	∅	∅	∅
	A 833323 ⁵⁾ A 859428 ⁶⁾ B 942353	A 833323 ⁵⁾ A 859428 ⁶⁾ B 942353	A 833323 ⁵⁾ A 859428 ⁶⁾ B 942353	A 833323 ⁵⁾ A 859428 ⁶⁾ B 942353	A 3580100 C 3580111	A 3580100 C 3580111	A 3580100 C 3580111	A 3580100 C 3580111
	834255 ⁵⁾	834255 ⁵⁾	834255 ⁵⁾	834255 ⁵⁾	876688	876688	876688	876688
	873566	873566	873566	873566	873566	873566	873566	873566
	843684	843684	843684	843684	843684	843684	843684	843684
	3587072	3587072	3587072	3587072	3587072	3587072	3587072	3587072
	1324750 ⁷⁾ 863169 ⁸⁾	1324750 ⁹⁾ 863169 ¹⁰⁾ 366906 ¹⁾	1324750 ¹¹⁾ 863169 ¹²⁾ 366906 ¹⁾	1324750 ¹³⁾ 863169 ¹⁴⁾ 366906 ¹⁾	873153 ¹⁵⁾ 866835 ¹⁵⁾ 873597 ¹⁶⁾ 366906 ¹⁶⁾	873153 ¹⁵⁾ 866835 ¹⁵⁾ 873597 ¹⁶⁾ 366906 ¹⁶⁾	873153 ¹⁵⁾ 866835 ¹⁵⁾ 873597 ¹⁶⁾ 366906 ¹⁶⁾	873153 ¹⁵⁾ 866835 ¹⁵⁾ 873597 ¹⁶⁾ 366906 ¹⁶⁾
	A 833927 ⁷⁾ A 858229 ⁸⁾ B 947624	A 833927 ⁹⁾ A 858229 ¹⁰⁾ A 840345 ⁴⁾ B 947624	A 833927 ¹¹⁾ A 858229 ¹²⁾ A 840345 ⁴⁾ B 947624	A 833927 ¹³⁾ A 858229 ¹⁴⁾ A 840345 ⁴⁾ B 947624	A 858229 ¹⁵⁾ A 843325 ¹⁵⁾ A 873598 ¹⁶⁾ A 827151 ¹⁶⁾ B 947624	A 858229 ¹⁵⁾ A 843325 ¹⁵⁾ A 873598 ¹⁶⁾ A 827151 ¹⁶⁾ B 947624	A 858229 ¹⁵⁾ A 843325 ¹⁵⁾ A 873598 ¹⁶⁾ A 827151 ¹⁶⁾ B 947624	A 858229 ¹⁵⁾ A 843325 ¹⁵⁾ A 873598 ¹⁶⁾ A 827151 ¹⁶⁾ B 947624
	1502028 957181	1502028 957181	1502028 957181	1502028 957181	∅	∅	∅	∅
	876307 875757	876308 875757	876310 875757	876310 876054	876653	876654	876655	876656
	∅	∅	∅	∅	876708	876708	876709	876710

1) LATER PRODUCTION 2) 3) 4) MONITOR 5) SN-2300046825 6) SN2300046826- 7) SN-2300046682 8) SN2300046683- 9) SN-2300046739
10) SN2300046740- 11) SN-2300046896 12) SN2300046897- 13) SN-2300046774 14) SN2300046775- 15) MD2010-40A 16) MD2010-40B

Publ.No 7744439 March 2010	MD2010C MD2010D	MD2020C MD2020D	MD2030C MD2030D	MD2040C MD2040D
	876669 STD	876672 STD	876682 STD	876685 STD
	875657 STD	876666 STD	876660 STD	876663 STD
	861954 STD	861954 STD	3580337 STD	3580546 STD
	861858	861858	3580303	3580478
	861859	861859	3580304	3580479
	861887 861888	3580238 3580239	3580316 3580317	3580496
	861865	3580234	3580309	3584202
	1.9L	2.8L	3.5L	5.7L
	861473	861473	3840525	3840525
	3593659	3593659	3593659	3593659
	3593654	3593654	3593655	3593655
	861990	861990	3580363	3580574
	861911	861911	3580365	3580365
	973534	973534	978482	978710
	A 861824	A 861824	A 861824	A 861824
	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾
	3580204 3580098 3580094 3580152	3580204 3580098 3580094 3580152	3580204 3580098 3580094 3580152	3580204 3580098 3580599 3580628
	A 3580100 C 3580111	A 3580100 C 3580111	A 3580100 C 3580111	A 3580100 C 3580111
	876688	876688	876688	876688
	873566	873566	873566	873566
	843684	843684	843684	843684
	3587072	3587072	3587072	3587072
	873153 866835 873597 366906	873153 866835 873597 366906	873153 866835 873597 366906	873153 866835 873597 366906
	A 858229 A 843325 A 873598 A 827151 B 947624	A 858229 A 843325 A 873598 A 827151 B 947624	A 858229 A 843325 A 873598 A 827151 B 947624	A 858229 A 843325 A 873598 A 827151 B 947624
	876653	876654	876655	876656
	876708	876708	876709	876710

¹⁾

Publ.No 7744439 March 2010	D1-13A D1-13B D1-13F	D1-20A D1-20B D1-20F	D1-30A D1-30B D1-30F	D2-40A D2-40B D2-40F
	3884561 STD	3884557 STD	3812413 STD	3884515 STD
	3884516 STD 3884517 STD	3884516 STD 3884517 STD	21132989 STD	21132990 STD
	3812472 STD	3812472 STD	3812474 STD	3812474 STD
	3809662	3884527	3884528	3884528
	861859	861859	3580304	3580304
	3809657 3809656	3812131 3812130	3884548 3812197	3887222 3812432
	3808602 ALT 3809647 ALT	3812109 ALT 3886431 ALT	3840842 ALT 3812199 ALT	3840843 ALT 3889517 ALT
	1.9L	2.8L	3.5L	6.5L
	861473	861473	3840525	3840525
	3593659	3593659	3593659	3593659
	3593654	3593654	3593655	3593655
	3803970	3803970	3840747	3840747
	3887340	3887340	3887340	3887340
	3809625	3809625	3812159	3812145
	3583822	3583822	3583822	3583822
	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾
	3580628 3580098	3580101 3580094	3580101 3580094	3580101 3580094
	A 3584126 C 3589332	A 3584126 C 3589332	A 21132189 C 3589332	A 21132189 C 3589332
	843684	843684	843684	843684
	3587072	3587072	3587072	3587072
	21250645	21250645	21250645	21250645
	A 827151 B 947624	A 827151 B 947624	A 827151 B 947624	A 827151 B 947624
	3884552	3884552	3884553	3884554

¹⁾ 

Publ.No 7744439 March 2010	D2-55A	D2-55B	D2-55C D2-55D	D2-55E D2-55F	D2-75A D2-75B D2-75C D2-75F
	877388	877388	877388	877388	877388
	877387	877387	877387	877387	877387
	3583693 STD	3583693 STD	3583693 STD	3583693 STD	3584123 STD
	3580478	3580478	3580478	3580478	3580478
	3580479	3580479	3580479	3580479	3580479
	889486 3583546	889486 3583546	889486 3583546	889486 3583546	889486 3583546
	21228429	21228429	21228429	21228429	21228429
	10.5L	10.5L	10.5L	10.5L	10.5L
	3840525	3840525	3840525	3840525	3840525
	877400	877400	877400	877400	877400
	3583089	3583089	3583089	3583089	3583089
	21169678	21169678	21169678	21169678	21169678
	3580365	3580365	888624	888624	888624
	978710	978710	3584086	3584086	3584086
	949918	949918	949918	949918	949918
	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾	861477 3581078 ¹⁾
	3580204 3580098 25167	3580204 3580098 25167	3580204 3580098 25167	3580204 3580098 25167	3580599 3580628 3580098 25167
	A 3580100 B 3580111	A 21132189 C 3589332	A 21132189 C 3589332	A 21132189 C 3589332	A 21132189 C 3589332
	876688	∅	∅	∅	∅
	873566	873566	873566	873566	873566
	∅	∅	843684	843684	843684
	3587072	3587072	3587072	3587072	3587072
	3583570 366906	3583570 366906	3587359	3587359	3587359
	A 3583569 B 11992	A 3583569 B 11992	A 3583569 B 11992	A 3583569 B 11992	A 3583569 B 11992
	877398	877398	3812280	3812280	3812280

¹⁾

Publ.No 7744439 March 2010	MD1	MD1B	MD2	MD2B	AQD2B	MD3B
	875491 STD	875491 STD	875491 STD	875491 STD	875491 STD	875491 STD
	Ø	875483 STD	875515 STD	875483 STD 875484	875483 STD 875484	875483 STD 875484
	875271 STD	875498 STD	875271 STD	875498 STD	875498 STD	875498 STD
	Ø	833188	Ø	833188	833188	833188
	Ø	829620	Ø	829620	829620	829620
	Ø	3582651	Ø	3582651	3582651	3582651
	Ø	829867	Ø	829867	829867	829867
	859120	859120	859120	859120	859120	859120
	Ø	859151	Ø	859151	859151	859151
	1.95L	1.95L	3.25L	3.25L	3.25L	5.75L
	Ø	834337	834337	834337	834337	834337
	877400 ¹⁾ 3586494 ²⁾	3586494	803729 ³⁾ 3586494 ⁴⁾	3586494	3586494	3586494
	858065	858065	858065	858065	858065	858065
	Ø ⁵⁾ 827014 ⁶⁾	827014	Ø ⁷⁾ 827014 ⁸⁾	827014	827014	812994
	Ø ⁵⁾ 804695 ⁶⁾ 955975 ⁶⁾	804695	Ø ⁷⁾ 804695 ⁸⁾ 955975 ⁸⁾	804695	804695	804695
	876052	875780	876080	876080	876080	876080
	966990 ⁹⁾	966990 ⁹⁾ 978515 ^{10) 18)} 966906 ^{10) 17)}	966990 ⁹⁾	966990 ⁹⁾ 978515 ^{10) 18)} 966906 ^{10) 17)}	966990 ⁹⁾ 978515 ^{10) 18)} 966906 ^{10) 17)}	966990 ⁹⁾ 976489 ¹⁹⁾
	807036	807036	807036	807036	807036	807036
	876554 ¹⁶⁾	876554 ¹⁶⁾ 829913	876554 ¹⁶⁾	876554 ¹⁶⁾ 829913	876554 ¹⁶⁾ 829913	876554 ¹⁶⁾ 829913
	16496 74033 803658 807058	16496 25167 807058	16496 74033 803658 807058	16496 74033 803658 807058	16496 74033 803658 807058	16496 74033 803658 807058
	876216	876216	876216	876216	876216	876216
	Ø	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353
	Ø	834255	Ø	834255	834255	834255
	840263	833346 840263	840263	833346 840263	833346 840263	833346 840263
	837437	837437	837437	837437 ¹¹⁾ 856670 ¹²⁾	837437 ¹¹⁾ 856670 ¹²⁾	837437 ¹³⁾ 856670 ¹⁴⁾
	843684	843684	843684	843684 ¹¹⁾	843684 ¹¹⁾	843684 ¹³⁾
	807078	807078	807078	807078	807078	807078
	Ø	A 840074 B 957181	Ø	A 840074 B 957181	A 840074 B 957181	A 840074 B 957181
	Ø	Ø	Ø	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181
	Ø	876377	Ø	876377	876377	876377
	876393	876378	876394	876389	876389	876388

¹⁾ SN-14015 ²⁾ SN14016- ³⁾ SN-4210 ⁴⁾ SN4211- ⁵⁾ SN-12042, 12046-12177 ⁶⁾ SN12043-12045, 12178- ⁷⁾ SN-2256, 2262-2322 ⁸⁾ SN2257-2261, 2323- ⁹⁾ ¹⁰⁾ ¹¹⁾ SN-15237 ¹²⁾ SN15238-15699 ¹³⁾ SN-1635 ¹⁴⁾ SN1636-5272 ¹⁵⁾ ¹⁶⁾ INSERT ¹⁷⁾ 900mm ¹⁸⁾ 1025mm ¹⁹⁾ 1175mm

Publ.No 774439 March 2010	MD5A	MD5B	MD5C	MD6A	MD6B	MD7A	MD7B
	875623 STD	875623 STD	875623 STD	875623 STD	875623 STD	875623 STD	875623 STD
	875555 STD	875555 STD	875555 STD	∅	∅	∅	∅
	875558 STD	875558 STD	875558 STD	∅	∅	∅	∅
	875566 STD	875566 STD	875566 STD	875476 ¹⁾ 875547 ²⁾	875476 ¹⁾ 875547 ²⁾	875725 STD	875725 STD
	838125	838125	838178	∅	∅	840276	840276
	838126	838126	838179	∅	∅	840277	840277
	829867	829867	829867	840036	840036	840281	840281
	829867	829867	829867	840036	840036	840281	840281
	838066	838066	838066	840115	840115	840115	840115
	859134	859134	859134	859135	859135	3809167	3809167
	2.1L	2.1L	2.1L	3.0L	3.0L	3.0L	3.0L
	834337	834337	834337	834337	834337	834337	834337
	3586496	3586496	3586496	3586496	3586496	3586496	3586496
	858065	858065	858065	858065	858065	858065	858065
	875584	875584	875584	875584	875584	875584	875584
	875783	875783	875783	875796	875796	875796	875796
	966698	966698	966698 ³⁾ 976492 ⁴⁾	966931 ⁵⁾ 966700 ⁶⁾ 966981 ⁷⁾	966933	966933	966707
	829714	829714	829714	829714	829714	829714	829714
	807036	807036	829592	807036	807036 ALT 840292 ALT	840292	840292
	876554 ¹⁰⁾ 829913	876554 ¹⁰⁾ 829913	829913	3825133 3840335 ¹¹⁾	3825133 3840335 ¹¹⁾	829913 ¹³⁾ 3825133 ¹²⁾ 3840335 ^{11) 13)}	829913 3825133
	16496 25167 74033 243487 803658 807058	16496 25167 74033 243487 803658 807058	16496 25167 74033	25167 969299	25167 243487 969299	25167 243487 969299	25167 243487
	876216	876216	876216	876217	876217	876217	876217
	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353	∅	∅	∅	∅
	834255	834255	834255	834255	834255	834255	834255
	873566	873566	873566	873566	873566	873566	873566
	856670	856670	856670	856670	856670	856670	856670
	807078	807078	829587	807078	807078	829587	829587
	A 833927 B 957181	A 833927 B 957181	A 833927 B 957181	A 833927 B 957181	A 833927 B 957181	A 833927 B 957181	A 833927 B 957181
	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181
	876341	876341	876341	876379	876379	∅ ⁸⁾ 876431 ⁹⁾	∅ ⁸⁾ 876431 ⁹⁾
	876381	876381	876382	876314	876314	876314	876314

¹⁾ STD, SN-3688, 4274-4299, 6712-6959 ²⁾ STD, SN3689-4273, 4300-6711, 6960- ³⁾ SN-30016 ⁴⁾ SN30017- ⁵⁾ ⁶⁾ SN-1234 ⁷⁾ SN1235-
⁸⁾ SN-35144 ⁹⁾ SN35145- ¹⁰⁾ INSERT ¹¹⁾ WITH DRAIN PLUG ¹²⁾ SN-33079 ¹³⁾ SN33079-







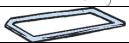
















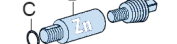










Publ.No 774439 March 2010	MD11C	MD11D	MD17C	MD17D	MD22L-A	MD22A	TMD22A
	875491 STD	875491 STD	875491 STD	875491 STD	859807 STD	859807 STD	859807 STD
	875483 STD 875484 STD	875483 STD 875484 STD	875483 STD 875484 STD	875483 STD 875484 STD	859791 STD	859791 STD	859791 STD
	∅	∅	∅	∅	3580720 STD	∅	3580720 STD
	875498 STD	875498 STD	875498 STD	875498 STD	859642 STD	859642 STD	859642 STD
	833188	833188	833188	833188	859650	859650	859650
	829620	829620	829620	829620	859656	859656	859656
	3582561	3582561	3582561	3582561	859871	859871	859871
	829867	829867	829867	829867	859871	859871	859871
	859120	859120	859120	859120	∅	∅	∅
	859137	859137	859137	859137	859647	859647	859647
	∅	∅	∅	∅	859773	859773	859773
	2.85L	2.85L	4.65L	4.65L	6.0L	6.0L	6.0L
	834337	834337	834337	834337	861476	861476	861476
	3586496	3586496	3593659	3593659	3862281	3862281	3862281
	833883	833883	829895	829895	859824	859824	859824
	875584	875584	875698	875698	876829	876829	876829
	3812237 ¹⁾	3812237 ¹⁾	3812237 ¹⁾	3812237 ¹⁾	861578	861578	861578
	876080 877349 ¹⁾	876080 877349 ¹⁾	876080 877349 ¹⁾	876080 877349 ¹⁾	6210419	6210419	6210419
	966906 ²⁾ 966698 ⁴⁾ 966931 ⁵⁾ 966942 ¹⁾	966907 966942 ¹⁾	976489 966929 ¹⁾	966385 ³⁾ 966938 ⁶⁾ 966929 ¹⁾	966912	966912	966912
	829592	829592	829592	829592	966871	966871	966871
	829913 ⁷⁾ 876554 ⁸⁾	829913	829913 ⁷⁾ 876554 ⁸⁾	829913	3840335	3840335	3840335
	16496 25167 74033 243487 803658 807058	16496 25167 74033 243487 803658	16496 25167 74033 803658 807058	16496 25167 74033 243487 803658	859852 861246 6642578	859852 6613083 6642578	859852 861406 6613083 6642578
	876216	876216	876216	876216	11994 957171 969011	11994 957171 969011	11994 957171 969011
	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353	A 833323 B 942353	A 3582500 C 859843	A 3582500 C 859843	A 3582500 C 859843
	834255	834255	834255	834255	3582250	3582250	3582250
	873566	873566	873566	873566	∅	∅	∅
	856670	856670	856670	856670	3587072	3587072	3587072
	829587	829587	829587	928587	860011	860011	860011
	A 827151 A 840074 ⁹⁾ B 957181	A 827151 A 840074 ⁹⁾ B 957181	A 827151 A 840074 ⁹⁾ B 957181	A 827151 A 840074 ⁹⁾ B 957181	A 861594 A 840074 ⁹⁾ B 969011	A 861594 A 840074 ⁹⁾ B 969011	A 861594 A 840074 ⁹⁾ B 969011
	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	A 1502028 B 957181	∅	∅	∅
	∅	876376	876380	876380	876193	876196	876196
	876384	876384	876383	876383	876193	876196	876196
	858282	858282	858282	858282	858282	858282	858282

¹⁾ ²⁾ 900mm ³⁾ 1250mm ⁴⁾ 1300mm ⁵⁾ 1400mm ⁶⁾ 1500mm ⁷⁾ SN16372- ⁸⁾ SN-16371 ⁹⁾ DUAL STATION ¹⁰⁾ MONITOR

Publ.No 7744439 March 2010	MD22L-B	MD22P-B	TMD22-B TMD22P-B	TAMD22P-B
	859807 STD	859807 STD	859807 STD	859807 STD
	861570 STD	861570 STD	861570 STD	861570 STD
	3580720 STD	3580720 STD	3580720 STD	3580720 STD
	859642 STD	859642 STD	859642 STD	3581158 STD
	859650	859650	859650	859650
	859656	859656	859656	859656
	859871	859871	859871	859871
	859871	859871	859871	859871
	859647	859647	859647	859647
	859773	859773	859773	859773
	6.0L	6.0L	6.0L	6.0L
	3517857	3517857	3517857	3517857
	3862281	3862281	3862281	3862281
	859824	859824	859824	859824
	876829	876829	876829	876829
	861578	861578	861578	861578
	6210419	6210419	6210419	6210419
	966912	966912	966912	966912
	966871	966871	966871	966871
	3840335	3840335	3840335	3840335
	859852 861246 6642578	859852 6613083 6642578	859852 861406 6613083 6642578	859852 861406 6613083 6642578
	11994 957171 969011	11994 957171 969011	11994 957171 969011	11994 957171 969011
	A 3582500 B 859843	A 3582500 B 859843	A 3582500 B 859843	A 3582500 B 859843
	3582250	3582250	3582250	3582250
	3587072	3587072	3587072	3587072
	860011	860011	860011	860011
	A 861594 B 969011	A 861594 B 969011	A 861594 B 969011	A 861594 B 969011
	876196	876193	876196	876196
	858282	858282	858282	858282

Publ.No 7744439 March 2010	AQD21A	MD21A	AQD21B	MD21B	AQD32A	MD32A
	875302 STD	875302 STD	875302 STD	875302 STD	875302 STD	875302 STD
	∅	∅	∅	∅	∅	∅
	∅	∅	∅	∅	∅	∅
	876161 STD	876161 STD	876161 STD	876161 STD	876161 STD	876161 STD
	826781	826781	826781	826781	826781	826781
	826782	826782	826782	826782	826782	826782
	829285	829285	829285	829285	829618	829618
	5.5L	5.5L	5.5L	5.5L	8.0L	8.0L
	3517857 ¹⁾ 3827069 ²⁾	3517857 ¹⁾ 3827069 ²⁾	3827069	3827069	3827069	3827069
	3862281 ³⁾ 875575 ⁴⁾	3862281 ³⁾ 875575 ⁴⁾	875575	875575	3841697	3841697
	∅ ³⁾ 831178 ⁴⁾	∅ ³⁾ 831178 ⁴⁾	831178	831178	∅	∅
	875369 ³⁾ 875383 ⁴⁾	875369 ³⁾ 875383 ⁴⁾	875383	875383	875429	875429
	831009 ⁴⁾	831009 ⁴⁾	831009 ⁴⁾	831009 ⁴⁾	∅	∅
	826870	826870	826870	826870	∅	∅
	875372	875372	875372	875372	∅	∅
	875785	875785	875785	875785	875785	875785
	418412 831617	418412 831617	418412 831617	418412 831617	∅	∅
	829207	829207	829207	829207	966387	966387
	82744	82744	82744	82744	82744	82744
	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929
	3581078	3581078	3581078	3581078	3581078	3581078
	818435 818436	818435 818436	818435 818436	818435 818436	818435 818436	818435 818436
	18811 48588 957177	18811 48588 957177	18811 48588 957177	18811 48588 957177	18811 48588 957177	18811 48588 957177
	A 858459 B 818447 C ∅	A 858459 B 818447 C ∅	A 858459 B 818447 C ∅	A 858459 B 818447 C ∅	A 858459 B 818447 C ∅	A 858459 B 818447 C ∅
	873566	873566	873566	873566	873566	873566
	1324750	1324750	1324750	1324750	1324750	1324750
	A 827151 B 957181	A 827151 B 957181	A 827151 B 957181	A 827151 B 957181	A 827151 B 957181	A 827151 B 957181
	A 1507899 ⁵⁾ A 1502028 ⁶⁾ B 960169 ⁶⁾	A 1507899 ⁵⁾ A 1502028 ⁶⁾ B 960169 ⁶⁾	A 1502028 ⁶⁾ B 960169 ⁶⁾	A 1502028 ⁶⁾ B 960169 ⁶⁾	A 1507899 ⁵⁾ A 1502028 ⁶⁾ B 960169 ⁶⁾	A 1507899 ⁵⁾ A 1502028 ⁶⁾ B 960169 ⁶⁾
	876417	876417	876417	876417	876416	876416
	875387	875387	875387	875387	∅	∅
	858282	858282	858282	858282	858282	858282

1) → 2) → 3) SNXXXX-103386 4) SNXXXX/103387- 5) SN-XXXX/103386 6) SNXXXX/103387-

Publ.No 7744439 March 2010	MD30A	TMD30A	TAMD30A	AQAD30A
	876511 STD	876511 STD	876511 STD	876511 STD
	876515 STD	876515 STD	876515 STD	876515 STD
	876523 STD	876523 STD	876523 STD	876523 STD
	275350 STD	275350 STD	275350 STD	275350 STD
	1542472	1542472	1542472	1542472
	1542389	1542389	1542389	1542389
	1544119	1544119	1544119	1544119
	859150	859150	859150	859150
	9.0L	9.0L	9.0L	9.0L
	3517857	3517857	3517857	3517857
	3841697	3841697	3841697	3841697
	838314	838314	838314	838314
	875759	875759	875759	875759
	3580797	3580797	3580797	3580797
	876793	876793	876793	876793
	3831425	3831425	3831425	3831425
	829433	829433	829433	829433
	876225	876225	876225	876225
	966978	966978	966978	966978
	949918	949918	949918	949918
	A 838928 B 838929 C 960169	A 838928 B 838929 C 960169	A 838928 B 838929 C 960169	A 838928 B 838929 C 960169
	876185	876185	876185	876185
	876069	876069	876069	876069
	3825133	3825133	3825133	3825133
	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530
	876218	876218	876218	876218
	866833 866834 ¹⁾	866833 866834 ¹⁾	866833 866834 ¹⁾	866833 866834 ¹⁾
	A 827151 A 840074 ¹⁾ B 11998	A 827151 A 840074 ¹⁾ B 11998	A 827151 A 840074 ¹⁾ B 11998	A 827151 A 840074 ¹⁾ B 11998
	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656
	3587072	3587072	3587072	3587072
	3582597	3582597	3582597	3582597
	876427	876427	876427	876427
	876795	876795	876795	876795
	858282	858282	858282	858282

¹⁾ DUAL STATION

Publ.No 774439 March 2010	MD31A	TMD31A	TAMD31A AQAD31A AD31A	TMD31B	TAMD31B AD31B
	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾
	876515 ¹⁾²⁾³⁾ 876519 ¹⁾³⁾	876515 ¹⁾	876515 ¹⁾	876515 ¹⁾²⁾³⁾ 876519 ¹⁾³⁾	876515 ¹⁾²⁾³⁾ 876519 ¹⁾³⁾
	876523 ¹⁾²⁾	876523 ¹⁾	876523 ¹⁾	876523 ¹⁾²⁾	876523 ¹⁾²⁾
	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾
	838637	838637	838637	838637	838637
	838638	838638	838638	838638	838638
	838654	838654	838654	838654	838654
	3582432	3582432	3582432	3582432	3582432
	9.0L	9.0L	9.0L	9.0L	9.0L
	3517857	3517857	3517857	3517857	3517857
	3841697	3841697	3841697	3841697	3841697
	858470 ²⁾ 3583115 ³⁾	858469	858469	858469 ²⁾ 3583115 ³⁾	858469 ²⁾ 3583115 ³⁾
	877373	877373	877373	877373	877373
	3580778	3580783	3580783	3580783	3580783
	876796	876793	876793	876793	876793
	3831424	3831424	3831424	3831424	3831424
	858467	858467	858467	858467	858467
	876228 ²⁾	876228 ²⁾	876228 ²⁾	876228 ²⁾	876228 ²⁾
	966978	966978	966978	966978	966978
 1/4 NPTF, L=55mm 1/4 NPTF, L=66mm	949918 947893	949918 947893	949918 947893	949918 947893	949918 947893
	A 838928 ⁴⁾ B 838929	A 838928 ⁴⁾ B 838929 C 958227	A 838928 ⁴⁾ B 838929 C 958227	A 838928 B 838929 C 958227	A 838928 B 838929 C 958227
	858488	858488	858488	858488	858488
	876069 ²⁾	876069	876069	876069 ²⁾	876069 ²⁾
	3825133	3825133	3825133	3825133	3825133
	A 3582310 B 860447 ⁵⁾ C 3501530	A 3582310 B 860447 ⁵⁾ C 3501530	A 3582310 B 860447 ⁵⁾ C 3501530	A 3582310 B 860447 ⁵⁾ C 3501530	A 3582310 B 860447 ⁵⁾ C 3501530
	876218	876218	876218	876218	876218
	866833 ⁶⁾ 866834 ⁶⁾⁸⁾ 866835 ⁷⁾ 866836 ⁷⁾⁸⁾	866833 866834 ⁸⁾	866833 866834 ⁸⁾	866833 ⁶⁾ 866834 ⁶⁾⁸⁾ 866835 ⁷⁾⁸⁾	866833 ⁶⁾ 866834 ⁶⁾⁸⁾ 866835 ⁷⁾ 866836 ⁷⁾⁸⁾
	A 827151 A 840074 ⁸⁾ B 11998	A 827151 A 840074 ⁸⁾ B 11998	A 827151 A 840074 ⁸⁾ B 11998	A 827151 A 840074 ⁸⁾ B 11998	A 827151 12V A 840074 12V ⁸⁾ A 843325 24V A 862154 24V ⁹⁾ B 11998
	3587072	3587072	3587072	3587072	3587072
	3582435	3582435	3582435	3582435	3582435
	876361	876361	876361 877386	876361	876361 877386
	876795	876795	876795	876795	876795
	858282	858282	858282	858282	858282

¹⁾ STD ²⁾ SN-2203116853 ³⁾ SN2203116854- ⁴⁾ SN-2203109125 ⁵⁾ SN-2203113624 ⁶⁾ SN-2203114322 ⁷⁾ SN2203114323- ⁸⁾ DUAL STATION ⁹⁾ LATER PRODUCTION

Publ.No 7744439 March 2010	TMD31D	TAMD31D AD31D AD31XD	TMD31L-A	TAMD31 P/L/M/S-A AD31P/L-A	KAD32P-A
	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾
	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾
	275350 ^{1) 2)} 876528 ^{1) 3)}	275350 ^{1) 2)} 876528 ^{1) 3)}	876528 ¹⁾	876528 ¹⁾	876528 ¹⁾
	838637	838637	838637	838637	838637
	838638	838638	838638	838638	838638
	838654	838654	838654	838654	838654
	3582432	3582432	3582432	3582432	3583786
	9.0L	9.0L	9.0L	9.0L	9.0L 0.1L ⁵⁾
	3517857	3517857	3517857	3517857	3517857
	3841697	3841697	3841697	3841697	3841697
	3583115	3583115	3583115	3583115	3583115
	877373	877373	877373	877373	877373
	3580777	3580777	3580777	3580777	3580785
	876793	876793	876793	876793	876793
	3831424	3831424	3831424	3831424	3831424
	858467	858467	858467	858467	858467
	966978	966978	966978	966978	3581460 ⁵⁾ 861564 ^{6) 8)} 977542 ⁷⁾ 3582424 ⁹⁾
	949918	949918	949918	949918	949918
	858488	858488	858488	858488	876185
	876069	876069	876069	876069	∅
	3825133	3825133	3825133	3825133	3825133
	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530	A 3582310 B 860447 C 3501530
	876218	876218	876218	876218	∅
	866835 866836 ⁴⁾	866835 866836 ⁴⁾	866835 866836 ⁴⁾	866835 866836 ⁴⁾	866835 866836 ⁴⁾
	A 827151 12V A 840074 12V ⁸⁾ B 11998	A 827151 12V A 840074 12V ⁸⁾ A 862154 24V B 11998	A 827151 12V A 840074 12V ⁸⁾ A 862154 24V B 11998	A 827151 12V A 840074 12V ⁸⁾ A 862154 24V B 11998	A 827151 12V A 840074 12V ⁸⁾ B 11998
	3587072	3587072	3587072	3587072	3587072
	3582435	3582435	3582435	3582435	3582435
	876361	876361 877386	876361	876361 877386	876361 877386
	876795	876795	876795	876795	876792
	858282	858282	858282	858282	858282

¹⁾ STD ²⁾ SN-2203121341 ³⁾ SN2203121342- ⁴⁾ DUAL STATION ⁵⁾ ⁶⁾ ⁷⁾ ⁸⁾ ⁹⁾ SN2203202198-

Publ.No 7744439 March 2010	MD40A	TMD40A AQD40A	TAMD40A AQAD40A	TMD40B	TAMD40B AQAD40B	TMD40C
	876511 STD	876511 STD	876511 STD	876511 STD	876511 STD	876511 STD
	876515 STD	876515 STD	876515 STD	876515 STD	876515 STD	876515 STD
	876523 STD	876523 STD	876523 STD	876523 STD	876523 STD	876523 STD
	275350 STD	275350 STD	275350 STD	275350 STD	275350 STD	275350 STD
	1542472	1542472	1542472	1542472	1542472	1542472
	1542389	1542389	1542389	1542389	1542389	1542389
	1542287	1542287	1542287	1542287	1542287	1542287
	859155	859155	859155	859155	859155	859155
	11.0L	11.0L	11.0L	11.0L	11.0L	11.0L
	471034	471034	471034	471034	471034	471034
	3841697	3841697	3841697	3841697	875736	3841697
	842843	842843	838522	842843	838522	842843
	875759	875759	875769	875759	875769	875759
	3580796	3580796	3580796	3580796	3580796	3580796
	876794	876794	876794	876794	876794	876794
	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C
	829433	829433	845195	829433	845195	829433
	876229	876229	876231	876230	876231	876230
	966978	966978	966978	966978	966978	966978
	82745 365287 949918 947893	82745 365287 949918 947893	82745 365287 949918 947893	82745 365287 949918 947893	82745 365287 949918 947893	82745 365287 949918 947893
	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929
	876185	876185	876185	876185	876185	876185
	876069	876069	876069	876069	876069	876069
	3840335	3840335	3840335	3840335	3840335	3840335
	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530
	876227	876227	876227	876227	876227	876227
	866833 866834 ³⁾	866833 3857532 ²⁾	866833	866833	866833	866833
	A 827151 A 840074 ³⁾ B 957181	A 827151 A 840074 ³⁾ B 957181	A 827151 A 840074 ³⁾ B 957181	A 827151 A 840074 ³⁾ B 957181	A 827151 A 840074 ³⁾ B 957181	A 827151 A 840074 ³⁾ B 957181
	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656
	241315	241315 3587072 ¹⁾	241315	241315	241315	241315
	3582596	3582596	3582596	3582596	3582596	3582596
	876349	876349	876349	876349	876349	876349
	876795	876795	∅	876795	∅	876795
	858282	858282	858282	858282	858282	858282

¹⁾ TMD40A, AQD40A PROD.NO 867478, 867479. ²⁾ TMD40A PROD.NO 867478. AQD40A PROD.NO 867479. ³⁾ DUAL STATION

Publ.No 7744439 March 2010	TMD41A AQD41A D41A	TAMD41A AQAD41A AD41A	TMD41B D41B	TAMD41B AD41B	TMD41D D41D	TAMD41D AD41D	TMD41L-A D41L-A
	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾
	876515 ¹⁾	876515 ¹⁾	876515 ¹⁾²⁾ 876515 ¹⁾²⁾ 876519 ¹⁾³⁾	876515 ¹⁾²⁾ 876515 ¹⁾²⁾ 876519 ¹⁾³⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾
	876523 ¹⁾	876523 ¹⁾	876523 ¹⁾²⁾	876523 ¹⁾²⁾	∅	∅	∅
	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾	275350 ¹⁾⁷⁾ 3817033 ¹⁾⁸⁾	275350 ¹⁾⁷⁾ 3817033 ¹⁾⁸⁾	3817033 ¹⁾
	838637	838637	838637	838637	838637	838637	838637
	838638	838638	838638	838638	838638	838638	838638
	838654	838654	838654	838654	838654	838654	838654
	3583786	3583786	3583786	3583786	3583786	3583786	3583786
	11.0L	11.0L	11.0L	11.0L	11.0L	11.0L	11.0L
	471034	471034	471034	471034	471034	471034	471034
	3841697	3841697	3841697	3841697	3841697	875736	3841697
	858469	858469	858469 ²⁾ 3583115 ³⁾	858469 ²⁾ 3583115 ³⁾	3583115	3583115	3583115
	877373	877373	877373	877373	877373	877373	877373
	3580782	3580782	3580782 ²⁾	3580782 ²⁾	3580765	3580765	3580765
	876794	876794	876794	876794	876794	876794	876794
	3831424	3831424	3831424	3831424	3831424	3831424	3831424
	858467	858467	858467	858467	858467	858467	858467
	876228	876228	876228 ²⁾	876228 ²⁾	∅	∅	∅
	966978	966978	966978	966978	966978	966978	966978
 1/4 NPTF, L=55mm 1/4 NPTF, L=66mm	949918 947893	949918 947893	949918 947893	949918 947893	949918	949918	949918
	A 838928 B 838929 C 958227	A 838928 B 838929 C 958227	A 838928 B 838929 C 958227	A 838928 B 838929 C 958227	∅	∅	∅
	858488	858488	858488	858488	858488	858488	858488
	876069	876069	876069 ²⁾	876069 ²⁾	∅	∅	∅
	3840335	3840335	3840335	3840335	3840335	3840335	3840335
	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 B 860448 C 3501530	A 3582310 C 3501530	A 3582310 C 3501530	A 3582310 C 3501530
	3587072	3587072	3587072	3587072	3587072	3587072	3587072
	866833 866834 ⁹⁾	866833 866834 ⁹⁾	866833 ⁵⁾ 866834 ⁵⁾⁹⁾ 866835 ⁶⁾ 866836 ⁶⁾⁹⁾	866833 ⁵⁾ 866834 ⁵⁾⁹⁾ 866835 ⁶⁾ 866836 ⁶⁾⁹⁾	866835 866836 ⁹⁾	866835 866836 ⁹⁾	866835 866836 ⁹⁾
	A 827151 A 840074 B 957181	A 827151 A 840074 B 957181	A 827151 A 840074 B 957181	A 827151 ¹⁰⁾ A 840074 ⁹⁾ A 862154 ¹¹⁾ B 957181	A 827151 A 840074 ⁹⁾ B 957181	A 827151 ¹⁰⁾ A 840074 ⁹⁾ A 862154 ¹¹⁾ B 957181	A 827151 A 840074 ⁹⁾ B 957181
	3587022	3587022	3587022	3587022	3587022	3587022	3587022
	3583787	3583787	3583787	3583787	3583787	3583787	3583787
	876774	876774 877386	876774	876774 877386	876774	876774 877386	876774
	876795	876795	876795	876795	876795	876795	876795

¹⁾ STD

²⁾ SN-2204141572

³⁾ SN2204141573-

⁴⁾ SN-2204132810

⁵⁾ SN-2204134609

⁶⁾ SN2204134610-

⁷⁾ SN-2204148592

⁸⁾ SN2204148593-

⁹⁾ DUAL STATION

¹⁰⁾ 12V








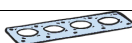








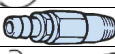






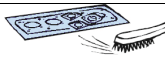

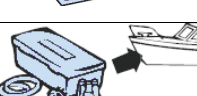
¹¹⁾ 24V





Publ.No 7744439 March 2010	TAMD41 P/L/M/H-A TAMD41H-B AD41P/L-A	KAMD42A KAD42A	KAMD42B KAD42B	KAMD42P-A KAD42P-A	KAMD43P-A KAD43P-A
	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾
	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾	876515 ¹⁾ 876519 ¹⁾
	876528 ¹⁾	876528 ¹⁾	876528 ¹⁾	876528 ¹⁾	876528 ¹⁾
	838637	838637	838637	838637	838637
	838638	838638	838638	838638	838638
	838654	838654	838654	838654	838654
	3583786	3583786	3583786	3583786	3583786
	11.0L	11.0L 0.1L ²⁾	11.0L 0.1L ²⁾	11.0L 0.1L ²⁾	11.0L 0.1L ²⁾
	471034	4785974	4785974	4785974	4785974
	3841697	3841697	3841697	3841697	3841697
	3583115	3583115	3583115	3583115	3583115
	877373	877373	877373	877373	877373
	3580765	3580765	3580765 3580784	3580784	3580784
	876794	876794	876794	876794	876794
	3831424	3831424	3831424	3831424	3831424
	858467	858467	858467	858467	858467
	966978	860388 ²⁾ 976483 ³⁾ 977542 ⁴⁾	860388 ²⁾ 976483 ³⁾ 861564 ^{3) 5)} 977542 ⁴⁾	860388 ²⁾ 861564 ³⁾ 977542 ⁴⁾	860388 ²⁾ 861564 ^{3) 5)} 977542 ⁴⁾ 3582424 ⁷⁾
	949918	949918	949918	949918	949918
	∅	A 838928 B 838929 C 958227	∅	∅	∅
	858488	876185	876185	876185	876185
	3840335	3840335	3840335	3840335	3840335
	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530
	876227	876227	876227	876227	∅
	866835 866836 ⁶⁾	866835 866836 ⁶⁾	866835 866836 ⁶⁾	866835 866836 ⁶⁾	866835 866836 ⁶⁾
	A 827151 A 840074 ⁶⁾ B 957181	A 827151 A 840074 ⁶⁾ B 957181	A 827151 A 840074 ⁶⁾ B 957181	A 827151 A 840074 ⁶⁾ B 957181	A 827151 A 840074 ⁶⁾ B 957181
	3587072	3587072	3587072	3587072	3587072
	3583787	3583787	3583787	3583787	3583787
	876774 877386	876774 877386	876774 877386	876774 877386	876774 877386
	876795	876792	876792	876792	3842158

¹⁾ STD ²⁾ ³⁾ ⁴⁾ ⁵⁾ ⁶⁾ DUAL STATION ⁷⁾ SN2204303259-

Publ.No 7744439 March 2010	KAMD44P-A KAD44P-A	KAMD42P-B KAMD42P-C	KAD44P-B KAD44P-C	KAMD300-A	KAD300-A
	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾	876511 ¹⁾
	876515 ^{1) 10)} 876519 ^{1) 2)}	876515 ^{1) 10)} 876519 ^{1) 2)}	876515 ^{1) 10)} 876519 ^{1) 2)}	876515 ^{1) 10)} 876519 ^{1) 2)}	876515 ^{1) 10)} 876519 ^{1) 2)}
	3586758 ¹⁾	3586758 ¹⁾	3586758 ¹⁾	3586758 ¹⁾	3586758 ¹⁾
	861698	861698	861698	861698	861698
	861699	861699	861699	861699	861699
	877076	877076	877076	877076	877076
	3583786	3583786	3583786	3583786	3583786
	11.0L 11.5L ^{15°} 0.1L ³⁾	11.0L 11.5L ^{15°} 0.1L ³⁾	11.0L 11.5L ^{15°} 0.1L ³⁾	11.0L 11.5L ^{15°} 0.1L ³⁾	11.0L 11.5L ^{15°} 0.1L ³⁾
	4785974	4785974	4785974	4785974	4785974
	3841697	3841697	3841697	3841697	3841697
	3583115	3583115	3583115	3583095	3583095
	877373	877373	877373	877373	877373
	3580792	3580792	3580792	3583096	3583096
	876794	876794	876794	877385	877385
	3831424	3831424	3831424	3831424	3831424
	858467	858467	858467	858467	858467
	860388 ²⁾ 861564 ^{3) 7)} 977542 ⁴⁾ 3582424 ^{7) 9)}	860388 ²⁾ 861564 ^{3) 7)} 977542 ⁴⁾ 3582424 ^{7) 9)}	860388 ²⁾ 861564 ^{3) 7)} 977542 ⁴⁾ 3582424 ^{7) 9)}	860388 ²⁾ 977542 ⁴⁾ 3582424 ⁷⁾	860388 ²⁾ 977542 ⁴⁾ 3582424 ⁷⁾
	949918	949918	949918	949918	949918
	876185	876185	876185	876185	876185
	3840335	3840335	3840335	3840335	3840335
	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530	A 3582310 B 3501530
	866835 866836 ⁸⁾	866835 866836 ⁸⁾	866835 866836 ⁸⁾	866835 866836 ⁸⁾	866835 866836 ⁸⁾
	863169	863169	863169	863169	863169
	A 862154 A 862567 ⁸⁾ B 11998 A 1624368	A 862154 A 862567 ⁸⁾ B 11998 A 1624368	A 862154 A 862567 ⁸⁾ B 11998 A 1624368	A 862154 A 862567 ⁸⁾ B 11998 A 1624368	A 862154 A 862567 ⁸⁾ B 11998 A 1624368
	3587072	3587072	3587072	3587072	3587072
	3583788	3583788	3583788	3583788	3583788
	876774 877386	876774 877386	876774 877386	876774 877386	876774 877386
	3842159 ⁹⁾ 3842158 ¹¹⁾	3842159 ⁹⁾ 3842158 ¹¹⁾	3842159 ⁹⁾ 3842158 ¹¹⁾	3842159	3842159

¹⁾ STD ²⁾ AXIAL BEARING ³⁾ COMPRESSOR ⁴⁾ ⁵⁾ ⁶⁾ ⁷⁾ ⁸⁾ DUAL STATION ⁹⁾ SN2204303259- ¹⁰⁾ MAIN BEARING
¹¹⁾ SN-2204404631

Publ.No 7744439 March 2010	D3-110/130/160/190	D4-210/225/260/300	D5A-T D5A-TA	D6-280/310/330/ 350/370/435
	∅	3885323 ¹⁾	20565150 ¹⁾	3885323
	∅	3586871	20405516 ¹⁾²⁾	3586871
	∅	3586877	20405899 ¹⁾	3586877
	∅	3586857	20405571	3586857
	8631650	3884010	20714469	3884010
	8631651	3884015	20565912	3884015
	8642665 INNER 8692438 OUTER	∅	20412588 ⁴⁾ 20725315 ⁵⁾	∅
	30731261	3581868	11700335	3581869
	8.0L	12.5L 0.1L ³⁾	14.0L	20.0L 0.1L ³⁾
	8692305	3582732 3582733	3831236	3582732 3582733
	21213664	3588475	20799057	3593573
	3884907	3584062	3838288	3589907
	21112064	∅	∅	∅
	30751022	3803854	21125771	3803854
	3840816	8149182	20450736	8149182
	30731772 ⁷⁾ 30731809 ⁸⁾	3583729 ⁹⁾ 3583963 ³⁾	976490 ⁷⁾ 978521 ^{8) 10) 11)} 966702 ^{8) 12)}	3583729 ⁹⁾ 3583963 ³⁾
	∅	949918	966871	949918
	3582358	3818541	20483100	3818541
	31261191	3583443	3825133	3583443
	A 3803907	A 3803633	A 21193376	A 3803633
	3545696	20898038 968559	3586736	20898038 968559
	A 8653103	A 1624368 B 11996	A 20450685 B 969011	A 1624368 B 11996
	856659	3587070 ¹³⁾ 3587071	3587072	3587070 ¹³⁾ 3587071
	3883845	3588432	∅	3588433
	∅	3588434	∅	3588434
	3841043	3819656	∅	3819657

¹⁾ STD ²⁾ MAIN BEARING ³⁾ COMPRESSOR ⁴⁾ EARLIER PRODUCTION ⁵⁾ METAL GASKET ONLY FOR VALVE COVER 20725337 ⁶⁾  ⁷⁾  ⁸⁾  ⁹⁾  ¹⁰⁾ 28V 55A ¹¹⁾ 14V 95A ¹²⁾ 28V 140A ¹³⁾ KIT



Publ.No 774439 March 2010	TAMD60A	TAMD60B	TAMD60C	TAMD61A	TAMD62A	TAMD63P-A TAMD63L-A
	270081 STD	270081 STD	270081 STD	270139 STD	270139 STD	270139 STD
	271230 STD	271230 STD	271230 STD	271230 STD	271230 STD	271230 STD
	276751 STD	276751 STD	276751 STD	276751 STD	276751 STD	276751 STD
	270713	270713	270713	876086	876629	276310
	3825723	3825723	3825723	3825723	3825723	3825723
	8192143	8192143	8192143	8192143	8192143	8192143
	420066	420066	420066	465952	465952	465952
	275740	275740	275740	276821	276821	276821
	0° 20.0L 18° 13.0L	0° 20.0L 18° 13.0L	0° 20.0L 18° 13.0L	0° 20.0L 15° 9.0L	0° 20.0L 15° 9.0L	0° 20.0L 15° 13.0L
	4785974	4785974	4785974	847741 ⁴⁾ STD 466634 ⁵⁾ ALT 3827069 ⁶⁾	847741 3827069 ⁶⁾	847741 3827069 ⁶⁾
	842275	842275	842275	3829311 ¹⁾ 3829310 ³⁾	3829310	3836563
	3841697	3841697	3841697	875736	875736	3887761
	875594	875594	875594	875737 ¹⁾²⁾	875737 ²⁾	877351
	1699783	1699783	1699783	20575653	20575653	3836405
	875686	875686	875686	85107763	85107763	876840
	3831425	3831425	3831425	3839110	3839110	3839110
	87502 Ø 947893	Ø Ø 947893	Ø Ø 947893	Ø 949918 947893	Ø 949918 947893	Ø 949918 947893
	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929
	966906	966906	966698	967193	967193	866653
	966391	966391	966391	Ø	Ø	Ø
	876069	876069	876069	876069	876069	Ø
	842280	842280	842280	876185	876185	3825038
	3825133	3825133	3825133	3825133	3825133	3825133
	876718	876273	876273	876718	876718	Ø
	866833	866833	866833	866833	866833	866835
	A 827150	A 827150	A 827150	A 843325 B 11998	A 843325 B 11998	A 862154 B 11998
	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 862251 B 949656 B 947624 ³⁾
	856670	856670	3587072	3587072	3587072	3587072
	270762	270762	270762	876626	876626	876726
	876350	876350	876350	876627	876627	876727
	876422	876422	876422	876622 876624	876622 876624	876725 876624

¹⁾ SN-1101027151/XXXXX

²⁾ SN1101027152/XXXXX-

³⁾ GASKET, ALT.

⁴⁾ FRONT

⁵⁾ SIDE

⁶⁾ BYPASS

Publ.No 774439 March 2010	MD70B TMD70B	MD70C	TMD70C	TAMD70B	TAMD70C	TAMD70D	TAMD70E
	270093 STD	270115 STD	270115 STD	270093 STD	270093 STD	270115 STD	270115 STD
	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD
	276754 STD	276754 STD	276754 STD	276754 STD	276754 STD	276754 STD	276754 STD
	275308	271117	271117	271117	271117	271117	271117
	421016	421016	466379	421016	466379	844594	844594
	421208 MD70B 421017 TMD70B	421208	842080	421017	842080	842080	842080
	421066	421066	421066	421066	421066	421066	421066
	275525	275525	275525	275525	275525	275525	275525
	0° 32.0L MD70B 0° 20.5L TMD70B 15° 19.0L MD70B 15° 16.5L TMD70B	0° 32.0L 15° 19.0L	0° 32.0L 15° 19.0L	0° 20.5L 15° 16.5L	0° 27.0L 18° 16.0L	0° 30.0L 18° 19.0L	0° 30.0L 18° 19.0L
	0° 15.0L MD70B 0° 15.0L TMD70B 18° 19.5L MD70B 18° 19.5L TMD70B	0° 30.0L 18° 19.0L	0° 30.0L 18° 19.0L	0° 15.0L 18° 19.5L	∅	∅	∅
	4785974	4785974	4785974	4785974	4785974	471034	471034
	837371	837371	837371	837370	837370	837370	837370
	3841697	3841697	3841697	3841697	3841697	3841697	3841697
	875594	875594	875594	875595	875595	875595	875595
	843417	843417	843417	843417	843417	843417	843417
	876600	876600	876600	876600	876600	876600	876600
	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C
	1/8 NPTF 1/4 NPTF	82744 82745 87502	82744 82745 947893	82744 82745 87502	82744 82745 87502	82744 82745 947893	82744 82745 947893
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169	A 823662 B 823661 C 836169
	973541	973541	973541	966961	966961	966961	966961
	966953	966953	966953	966953	966953	966953	966953
	∅	876069	876069	∅	∅	876069	876069
	808512	842280	842280	820655	∅ ¹⁾ 842280 ²⁾	842280	842280
	3581078 ³⁾ 3825133 ⁴⁾	3825133	3825133	3825133	3825133	3825133	3825133
	3094599	∅	∅	3094599	∅	∅	∅
	876274 MD70B 876718 TMD70B	876274	876274	876274	876274	876274	876274
	881432	866833	866833	881432	866833	866833	866833
	A 827150 B 11996	A 827150 B 11996	A 827150 B 11996	A 827150	A 827150	A 827150	A 827150
	A 1507899	A 354671 B 949656	A 354671 B 949656	A 1507899	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656
	837437	856670	856670	837437	856670	856670	3587072
	876330	876330	876330	876330	876330	876330	876330
	876328	876328	876328	876328	876328	876328	876328
	876367	876367	876367	876367	876367	876367	876367

¹⁾ SN-XXXX/28180

²⁾ SNXXXX/28181-

³⁾ SN-46196/XXXX

⁴⁾ SN46197/XXXX-

Publ.No 774439 March 2010	THAMD70B	THAMD70C	AQD70B	AQD70C	AQD70D
	270093 STD	270093 STD	270093 STD	270093 STD	270115 STD
	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD
	276754 STD	276754 STD	276754 STD	276754 STD	276754 STD
	271117	271117	271117	271117	271117
	421016	844594	421016	466379	844594
	421017	842080	421017	842080	842080
	421066	421066	421066	421066	421066
	275525	275525	275525	275525	275525
	0° 24.0L 18° 23.0L	0° 24.0L 18° 23.0L	0° 20.5L 15° 16.5L	0° 27.0L 18° 16.0L	0° 30.0L 18° 19.0L
	∅	∅	0° 15.0L 18° 19.5L	∅	∅
	471034	471034	4785974	4785974	471034
	∅	∅	837370	837370	837370
	3841697	3841697	3841697	3841697	3841697
	875595	875595	875595	875595	875595
	843417	843417	843417	843417	843417
	876600	876600	876600	876600	876600
	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C
	A 82744 B 82745	A 82744 B 82745	A 82744 B 82745 C 87502	A 82744 B 82745 C 87502	A 82744 B 82745 D 949918 E 947893
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	966970	966970	966961	966961	966961
	966953	966953	966953	966953	966953
	∅	∅	∅	∅	876069
	∅	∅	820655	∅ ¹⁾ 842280 ²⁾	842280
	3825133	3825133	3825133	3825133	3825133
	3094599	∅	3094599	∅	∅
	876274	876274	876274	876274	876274
	881432	866833	881432	866833	866833
	A 827150 B 11996	A 827150 B 11996	A 827150 B 11996	A 827150	A 827150 B 11996
	A 1507899	A 354671 B 949656	A 1507899	A 354671 B 949656	A 354671 B 949656
	837437	856670	837437	856670	856670
	875321	875321	876330	876330	876330
	876407	876407	876328	876328	876328
	876421	876421	876367	876367	876367

¹⁾ SN-XXXX/28180

²⁾ SNXXXX/28181-

Publ.No 7744439 March 2010	TAMD71A	TAMD71B	TAMD72A	TAMD72P-A	TAMD73P-A TAMD73WJ-A	TAMD74A-A TAMD74A-B
	270115 STD	270115 STD	270115 STD	270115 STD	270115 STD 276909 STD	276909 STD
	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD	270432 STD
	276754 STD	276754 ³⁾ STD 276890 ⁴⁾ STD	276754 STD	276754 ³⁾ STD 276890 ⁴⁾ STD	276754 ³⁾ STD 276890 ⁴⁾ STD	276754 STD
	271117	876241	876542	876542	876542	276905
	3825908	3825908	3825908	3825908	3825908	3827180
	842080	842080	842080	842080	842080	3978766
	471520	471520	471520	471520	471520	471520
	276816	276816	276816	276816	276816	276816
	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L
	847741 ⁷⁾ 3827069 ⁸⁾ 422994 ⁹⁾	847741 ⁷⁾ 3827069 ⁸⁾ 422994 ⁹⁾	847741 ⁷⁾ 3827069 ⁸⁾	847741 ⁷⁾ 3827069 ⁸⁾	847741 ⁷⁾ 3827069 ⁸⁾	847741 ⁷⁾ 3827069 ⁸⁾
	3829311 ¹⁾ 3829310 ³⁾	3829311 ¹⁾ 3829310 ³⁾	3829310 ²⁾ 3829310 ³⁾	3829310	3830699 ¹⁰⁾ 3830482 ¹¹⁾ 971099 ¹²⁾	3830699 ¹⁰⁾ 3830482 ¹¹⁾ 971099 ¹²⁾
	875736	875736	875736	875736	877066	877066
	875737 ^{1) 2)}	875737 ^{1) 2)}	875737 ²⁾	∅	877350	877350
	20575653	20575653	20575653	20575653	3836405	3836405
	85107763	85107763	85107763	85107763	876840	876840
	3839110 75°C	3839110 75°C	3839110 75°C	3839110 75°C	3839110 75°C	3839110 75°C
 1/4 NPTF, L=55mm 1/4 NPTF, L=66mm	949918 947893	949918 947893	949918 947893	949918 947893	949918 947893	949918 947893
 B A A B	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929
	967193	967193	967193	967193	866653	3827273
	876069	876069	876069	876069	876069	876069
	876185	876185	876185	876185	3838952	3838952
	3825133	3825133	3825133	3825133	3825133	3825133
	876718	876718	876718	876718	∅	∅
	866833	866833	866833	866835	866835	866835
 B A A B	A 843325 B 11998	A 843325 B 11998	A 843325 B 11998	A 1624368 B 11998	A 1624368 ⁵⁾ A 862154 ⁶⁾ B 11998	A 1624368 B 11998
 B A	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	∅	A 862251 ⁶⁾ B 949656 ⁶⁾	∅
	3587072	3587072	3587072	3587072	3587072	3587072
	876618	876618	876618	876618	876618	3838635
	876619	876619	876619	876619	877064	877482
	876623 ¹³⁾ 876625 ¹⁴⁾	876623 ¹³⁾ 876625 ¹⁴⁾	876623 ¹³⁾ 876625 ¹⁴⁾	876623 ¹³⁾ 876625 ¹⁴⁾	877063 ¹³⁾ 876625 ¹⁴⁾	877063 ¹³⁾ 876625 ¹⁴⁾

¹⁾ SN-1101027151
⁶⁾ FOR TAMD73WJ-A
¹⁴⁾ EXHAUST

²⁾ SN1101027152-
⁷⁾ STD ⁹⁾ BYPASS

³⁾ SN1101044436/XXXXX-
⁹⁾ CLASSIFIABLE

⁴⁾ SN-XXXXXXXXXX/97292
¹⁰⁾ NOTE 11) & 12)

⁵⁾ FOR TAMD73P-A
¹¹⁾ GEAR ¹²⁾ NUT

¹³⁾ INTAKE

Publ.No 7744439 March 2010	TAMD74C-A TAMD74L-A TAMD74P-A	TAMD74C-B TAMD74L-B TAMD74P-B TAMD75P-A	D7A-T D7A-TA D7C-B TA D7C-TA	D9A	D11A
	276909 STD	276909 STD	20565150 STD	85103713 STD	20856959 STD
	276894 STD	276894 STD	20405516 STD	20867178 STD	20867178 STD
	276890 STD	276890 STD	20405899 STD	3093651 STD	3093651 STD
	276905	276905	20405571	3817086	85109662
	3827180	3827180	20714469	3836280	20509465
	3978766	3978766	20565912	3809943	20509467
	471520	471520	20412597 ⁶⁾ 20725316 ⁷⁾	20804638	20804638
	276816	276816	∅	∅	∅
	∅	∅	20405900	20495935	20495835
	0° 30.0L 15° 13.0L	0° 30.0L 15° 13.0L	0° 23.0L	0° 31.0L 6° 20.0L	0° 38.0L 7° 30.0L
	847741 ¹⁾ 3827069 ²⁾	847741 ¹⁾ 3827069 ²⁾	3831236	478736 ¹⁾ 477556 ²⁾	478736 ¹⁾ 477556 ²⁾
	3830699 ³⁾ 3830482 ⁴⁾ 971099 ⁵⁾	3830699 ³⁾ 3830482 ⁴⁾ 971099 ⁵⁾	3838288 ³⁾ 20940389 ⁴⁾ 971096 ⁵⁾	3819485	3819485
	877066	877066	20799057	3817587	3817587
	877350	877350	∅	3817589	3817589
	3836405	3836405	3838288	3803844	3801102
	876840	876840	∅	∅	∅
	3839110 75°C	3839110 75°C	20450736 83°C	20560249 82°C	3887780 76°C
	1/4 NPTF, L=55mm 949918 1/4 NPTF, L=66mm 947893	949918 947893	966871	3583822	3583822
	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929	A 838928 B 838929
	3827273	3827273	976490 ⁸⁾ 978521 ⁹⁾ 978521 ¹⁰⁾ 966702 ¹¹⁾	990422	982570
	876069	876069	∅	889011	∅
	3838952	3838952	20483100	3818541	3818541
	3825133	3825133	3825133	3817517	3817517
	866835	866835	20405778 ¹²⁾ 3586736 ¹³⁾	1077574 ¹²⁾ 20796744 ¹³⁾	1077574 ¹²⁾ 20796744 ¹³⁾
	A 1624368 B 11998	A 1624368 B 11998	∅	20576617	20576617
	∅	∅	∅	A 3172774 B 974673	A 20513343
	3587072	3587072	3587072	3587071	3587071
	3838635	3838635	∅	3843449	3594832
	877482	877482	∅	∅	∅
	877063 ¹⁴⁾ 876625 ¹⁵⁾	877063 ¹⁴⁾ 876625 ¹⁵⁾	∅	3817206 ¹⁴⁾ 3817206 ¹⁵⁾	3817206

1) STD 2) BYPASS 3) NOTE 4) & 5)
7) METAL GASKET ONLY FOR VALVE COVER 20725338
13) SWITCH 14) INTAKE 15) EXHAUST

4) GEAR 5) NUT
8) WATER PUMP

6) → 9) 28V 55A 10) 14V 140A 11) 28V 140A 12) SENSOR

Publ.No 774439 March 2010	MD100A	TMD100A	MD100B	TMD100C
	270099 STD	270099 STD	270099 STD	270124 STD
	270438 STD	270438 STD	270438 STD	270438 STD
	276758 STD	276758 STD	276758 STD	276758 STD
	275304	275304	275304	275084
	479204	479204	479204	479204
	467855	467855	467855	467855
	423145 423146	423145 423146	423145 423146	424693 424694
	275490 ¹⁾ 275551 ²⁾	275490 ¹⁾ 275551 ²⁾	275551	270789
	0° 45.0L 15° 29.0L	0° 45.0L 15° 29.0L	0° 45.0L 15° 29.0L	0° 50.0L 15° 30.0L
	4785974	4785974	4785974	466634
	822787	822787	822787	3829311
	875736	875736	875736	875736
	821627	821627	821627	875737
	866584	866584	866584	866584
	876434	876434	876434	876434
	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C
	A 807036 B 82744 C 82745 D 479970 E 947893	A 807036 B 82744 C 82745 D 479970 E 947893	A 807036 B 82744 C 82745 D 479970 E 947893	D 479970 F 966871 G 949918
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	966908 ¹²⁾ 966974 ¹³⁾	966908 ¹²⁾ 966974 ¹³⁾	966908 ¹²⁾ 966974 ¹³⁾	966870
	966958	966958	966958	966958
	876069 ³⁾	876069 ³⁾	876069 ³⁾	876069
	820655 ⁴⁾ 842280 ⁵⁾	820655 ⁴⁾ 842280 ⁵⁾	820655 ⁴⁾ 842280 ⁵⁾	842280
	233897 ⁸⁾ 3825133 ⁹⁾	233897 ⁸⁾ 3825133 ⁹⁾	3825133	3825133
	3094599	3094599	3094599	∅
	876274	876274	876274	876273
	881432 ¹⁰⁾ 866833 ¹¹⁾	881432 ¹⁰⁾ 866833 ¹¹⁾	866833	866833
	827150	827150	827150	827150
	A 1507899 ¹⁰⁾ A 354671 ¹¹⁾ B 949656 ¹¹⁾	A 1507899 ¹⁰⁾ A 354671 ¹¹⁾ B 949656 ¹¹⁾	A 354671 B 949656	A 354671 B 949656
	837437 ¹⁰⁾ 856670 ¹¹⁾	837437 ¹⁰⁾ 856670 ¹¹⁾	856670	3587072
	875537	875537	875537	3808814
	876364	876634	876634	3808464
	270958	270958	270958	876643

¹⁾ SN-19031/XXXX
⁶⁾ SN-XXXX/27455
¹¹⁾ SNXXXX/26944-

²⁾ SN19032/XXXX-
⁷⁾ SNXXXX/27456-
¹²⁾ 1x925mm

³⁾ SNXXXX/38892
⁸⁾ SN-20505/XXXX
¹³⁾ 2x1050mm

⁴⁾ SN-97897/XXXX
⁹⁾ SN20506/XXXX-

⁵⁾ SN97898/XXXX-
¹⁰⁾ SN-XXXX/26944

Publ.No 774439 March 2010	TMD102A	TAMD102A	TAMD102D	TAMD103A
	270124 STD	270124 STD	270124 STD	270124 STD
	270438 STD	270438 STD	270438 STD	270438 STD
	276758 STD	276758 STD	276758 STD	276758 STD
	275084	876712	876712	276851
	479204	479204	3825958	3825958
	467855	467855	467855	467855
	424693	424693	424693	424693
	424694	424694	424694	424694
	270789	270789	270789	270789
	0° 50.0L	0° 50.0L	0° 50.0L	0° 50.0L
	15° 30.0L	15° 30.0L	15° 30.0L	15° 30.0L
	466634	466634	466634	466634
	3829311	3829312 ⁴⁾ 3829313 ⁵⁾	3829313	3829313
	875736	875814	875814	875814
	875737	875737	875737	875737
	866584 422312 ³⁾	866584	866584	866584
	876434 876435 ³⁾	876434	876434	876434
	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C	3831424 81°C	3831424 81°C
	F 966871 G 949918	F 966871 G 949918	F 966871 G 949918	F 966871 G 949918
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	966870	966870 ¹⁾ 966972 ²⁾	966870 ¹⁾ 966972 ²⁾	966870 ¹⁾ 966972 ²⁾
	966958	966958	966958	966958
	876069	876069	876069	876069
	842280	864954	864954	864954
	3825133	3825133	3825133	3825133
	876273	∅	∅	∅
	866833	866833	866833	866835
	827150	827150	827150	827150
	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656	A 3013297 B 863604
	3587072	3587072	3587072	3587072
	3808814	3808814	3808814	3808814
	3808464	3808464 876295	3808464 876295	3808464 876295
	876643	876643	876649	876649

¹⁾ 2x963mm ²⁾ 2x1025mm ³⁾ RADIATOR ⁴⁾ SN-1101049922/XXXX ⁵⁾ SN1101049923/XXXX-

Publ.No 774439 March 2010	MD120A	TMD120A	TAMD120A	TMD120B	TAMD120B
	270105 STD	270105 STD	270105 STD	270105 STD	270105 STD
	270449 STD	270449 STD	270449 STD	270449 STD	270449 STD
	3093651 STD	3093651 STD	3093651 STD	3093651 STD	3093651 STD
	275309	275309 ¹⁾ 3825613 ²⁾	275309 ¹⁾ 3825613 ²⁾	3825613 ²⁾	3825613 ²⁾
	468302	468302	468302	468302	468302
	468303	468303	468303	468303	468303
	424692	424692	424692	424692	424692
	275548	275548	275548	275548	275548
	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L
	4785974	4785974	4785974	466634	466634
	822787	822787	822787	822787	822787
	875736	875736	875736	875736	875814
	821627	821627	821627	875737	875737
	866585	866585	866585	866585	866585
	875461	875461	875461	875461	875461
	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C
 W 1/8" 1/8 NPTF 1/4 NPTF 1/4 NPTF, L=55mm 1/4 NPTF, L=66mm	807036 ³⁾ 82744 ⁴⁾ 82745 949918 947893	807036 ³⁾ 82744 ⁴⁾ Ø 949918 Ø	Ø Ø 82745 949918 947893	Ø Ø Ø 949918 Ø	Ø Ø Ø 949918 Ø
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	966974	966974	966974	966870	973541
	966959	966959	966959	966959	966959
	876069	876069	876069	876069	876069
	823671 ⁵⁾ 842280 ⁶⁾	823671 ⁷⁾ 842280 ⁸⁾	823671 ⁷⁾ 842280 ⁸⁾	842280	842280
	3825133	3825133	3825133	3825133	3825133
	3094599	3094599	3094599	Ø	Ø
	876274	876274	876274	876273	876273
	881432 ⁷⁾ 866833 ⁸⁾	881432 ⁷⁾ 866833 ⁸⁾	881432 ⁷⁾ 866833 ⁸⁾	866833	866833
	827150	827150	827150	827150	827150
	A 1507899 ⁷⁾ A 354671 ⁸⁾ B 949656 ⁸⁾	A 1507899 ⁷⁾ A 354671 ⁸⁾ B 949656 ⁸⁾	A 1507899 ⁷⁾ A 354671 ⁸⁾ B 949656 ⁸⁾	A 354671 B 949656	A 354671 B 949656
	837437 ⁷⁾ 856670 ⁸⁾	837437 ⁷⁾ 856670 ⁸⁾	837437 ⁷⁾ 856670 ⁸⁾	856670	856670
	875466	875466	875466	876420	876420
	876365	876365	876365	876365	876365
	876369	876369	876369	270772	270772

¹⁾ STD, SN-33406/XXXX
⁷⁾ SN-XXXX/29427

²⁾ STD, SN33407/XXXX-
⁸⁾ SNXXXX/29428-

³⁾ →

⁴⁾ →

⁵⁾ SN-XXXX/27442

⁶⁾ SNXXXX/27443-

Publ.No 7744439 March 2010	TMD121C	TAMD121C TAMD121D	TMD122A	TAMD122AF	TAMD122C	TAMD122D
	270130 STD	270130 STD	270130 STD	270130 STD	270130 STD	270130 STD
	270449 STD	270449 STD	270449 STD	270449 STD	270449 STD	270449 STD
	3093651 STD	3093651 STD	3093651 STD	3093651 STD	3093651 STD	3093651 STD
	3825613	3825613	3825613	3825613 ³⁾ 3825614 ⁴⁾	3825613	876074
	468302	468302	468302	468302	468302	468302
	468303	468303	468303	468303	468303	468303
	424692	424692	424692	424692	424692	424692
	275548	275548	270949	270949	270949	270949
	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L
	∅	∅	∅	∅	0° 35.0L 6° 29.0L	0° 35.0L 6° 29.0L
	466634	466634	466634	466634	466634	847741
	3829311	3829312	3829311	3829312	3829312	3829312
	875736	875814	875736	875814	875814	875814
	875737	875737	875737	875737	875737	875737
	866585	866585	866585 ¹⁾ 866585 ²⁾ 822330 ⁷⁾	866585 ¹⁾ 866585 ²⁾	866585 ¹⁾ 866585 ²⁾	866585 ¹⁾ 866585 ²⁾
	875461	875461	875461 ¹⁾ 876728 ²⁾ 875461 ⁷⁾	875461 ¹⁾ 876728 ²⁾	875461 ¹⁾ 876728 ²⁾	875461 ¹⁾ 876728 ²⁾
	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C 3831425 76°C 3831426 70°C	3831424 81°C
	949918	949918	949918	949918	949918	949918
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	966870	966870	966870	966870	966870	966870 ⁵⁾ 966972 ⁶⁾
	966959	966959	966959	966959	966959	966959
	876069	876069	876069	876069	876069	876069
	842280	842280	842280	842280	842280	842280
	3825133	3825133	3825133	3825133	3825133	3825133
	876273	876273	876275	876275	876275	876275
	866833	866833	866833	866833	866833	866833
	827150	827150	827150	827150	827150	827150
	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656	A 354671 B 949656
	876641	876641	876182	876182	876182	876182
	876365	876365	876365	876365	876365	876365
	876346 ⁸⁾ 876410 ⁹⁾	876346 ⁸⁾ 876410 ⁹⁾	876346 ⁸⁾ 876410 ⁹⁾	876346 ⁸⁾ 876410 ⁹⁾	876346 ⁸⁾ 876410 ⁹⁾	876346 ⁸⁾ 876410 ⁹⁾

¹⁾ STD, SN-33406/XXXX
⁷⁾ SN-XXXX/29427

²⁾ STD, SN33407/XXXX-
⁸⁾ SNXXXX/29428-

³⁾ →

⁴⁾ →

⁵⁾ SN-XXXX/27442

⁶⁾ SNXXXX/27443-

Publ.No 7744439 March 2010	TAMD122P-A	TAMD122P-B	D12C-A MP D12D-D MP	D12D-A MH D12D-B MH	D12D-A MG D12D-B MG
	270130 STD	270130 STD	276134 STD	276134 STD	276134 STD
	270449 STD	270449 STD	20530916 STD	20530916 STD	20530916 STD
	3093651 STD	3093651 STD	3093651 STD	3093651 STD	3093651 STD
	876799	876951	3848522	3848522	3848522
	866736	866736	3169490	20463800	30463800
	468303	468303	3827409	20441486	20441486
	424692	424692	8170116	8170116	8170116
	270949	270949	3099100	3099100	3099100
	0° 50.0L 15° 30.0L	0° 50.0L 15° 30.0L	∅	0° 50.0L 15° 30.0L	56.0L
	0° 35.0L 6° 29.0L	0° 35.0L 6° 29.0L	0° 44.0L 8° 33.0L	0° 44.0L 8° 33.0L	∅
	847741	847741	478736	478736	478736 ³⁾ 477556 ⁴⁾
	3829313	3829313	3838207	3838207	3838207
	875814	875814	3830459	3830459	3830459
	875737	875737	3830993	3830993	3830993
	866585	866585	3803909	3803909	3803909
	876728	876728	∅	∅	∅
	846105	846105	846105	846105	846105
	3831424 81°C	3831424 81°C	20560249 82°C	20560249 82°C	20560249 82°C
	949918	949918	949918	949918	949918
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169
	966870 ¹⁾ 966972 ²⁾	966870 ¹⁾ 966972 ²⁾	978217	978217	978217
	966959	966959	∅	∅	∅
	876069	876069	876069	876069	876069
	3836478	3836478	3828811	3828811	3885441
	3825133	3825133	3817517	3817517	3817517
	∅	∅	20576626	20576626	20576626
	866835	866835	866835	866835	1077574
	A 827150	A 862154 B 11998	A 862154 B 976931	A 862154 B 976931	A 20576626 B 949656
	A 3013297 B 863604	A 3013297 B 863604	A 862251 B 948884 C 3172774	A 862251 B 948884 C 3172774	A 862251 B 948884 C 3172774
	3587072	3587072	3587072	3587072	881963
	876802	876801 876802	3830718	3830718	3830718
	876813	876813	3830454	3830454	3830454
	876956 876410	876956 876410	3819169	3819169	3819169

¹⁾ 2x963mm ²⁾ 2x1025mm ³⁾ STD

⁴⁾ BYPASS

Publ.No 7744439 March 2010	TAMD162A	TAMD162B	TMD162C TAMD162C	TAMD162C-B	TAMD162C-C
	270796 STD	270796 STD	270796 STD	270796 STD	270796 STD
	270792 STD	270792 STD	270792 STD	270792 STD	270792 STD
	270929 STD	270929 STD	270929 STD	270929 STD	270929 STD
	877356	877356	877356	877356	877356
	3825374	3825374	3825374	3825374	3825374
	1556896	1556896	1556896	1556896	1556896
	1543581	1543581	1543581	1543581	1543581
	276924	276924	276924	276924	276924
	0° 73.0L 5° 55.0L 16° 38.0L	0° 73.0L 5° 55.0L 16° 38.0L	0° 73.0L 5° 55.0L 16° 38.0L	0° 73.0L 5° 55.0L 16° 38.0L	0° 73.0L 5° 55.0L 16° 38.0L
	478736 ⁸⁾ 477556 ⁹⁾	478736 ⁸⁾ 477556 ⁹⁾	478736 ⁸⁾ 477556 ⁹⁾	478736 ⁸⁾ 477556 ⁹⁾	478736 ⁸⁾ 477556 ⁹⁾
	876809 ³⁾ 3837935 ⁴⁾	876809 ³⁾ 3837935 ⁴⁾	876809 ³⁾ 3837935 ⁴⁾	876809 ³⁾ 3837935 ⁴⁾	876809 ³⁾ 3837935 ⁴⁾
	875697	875697	875697	875697	875697
	876209	876209 ³⁾	876209 ³⁾	876209	∅
	862263 ¹⁾ 865241 ²⁾	∅	865241	865241	865241
	876207 ¹⁾ 876594 ²⁾	∅	876594	876594	876594
	8149980	8149980	8149980	8149980	8149980
	20532237	20532237	20532237	20532237	20532237
	8149186 86°C	8149186 86°C	8149186 86°C ⁵⁾ 3839110 75°C ⁶⁾	3839110 75°C	3839110 75°C
 A 1/4 NPTF, L=55mm B 1/4 NPTF, L=66mm C 1/8 NPTF D 3/8 NPTF E M12 F G H I	A 949918 B 947893 D 947894 F 82745 H 947893 I 1543847	A 949918 B 947893 D 947894 F 82745 H 947893 I 1543847	A 949918 B 947893 D 947894 F 82745 H 947893 I 1543847	A 949918 B 947893 D 947894 F 82745 H 947893 I 1543847	A 949918 B 947893 D 947894 F 82745 H 947893 I 1543847
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929
	976483	976483	976483	976483	976483
	∅	876069	∅	∅	∅
	842280	842280	842280	842280	842280
	3825133 STD 864315 CLASS	3825133	3825133 STD 864315 CLASS	3825133 STD 864315 CLASS	3825133
	876274	876274	876274	876274	876274
	866835	866835	866835	866835	866835
	A 862154 B 947624	A 862154 B 947624	A 862154 B 947624	A 862154 B 11998	A 862154 B 11998
	A 1502028 B 949656	∅	A 1502028 B 949656	A 1502028 B 949656	∅
	837437	3587072	837437	837437	3587072
	876208	876208	876208	876208	876208
	876845 876806	876845 876806	876845 876806	876845 ⁷⁾ 876806	876845 ⁷⁾ 876806

¹⁾ SN-1101042675/XXXXX
⁶⁾ SNXXXXXXXXXX/20886-

²⁾ SN1101042676/XXXXX-
⁷⁾ + 3825197 ⁸⁾ STD

³⁾ SN-1101051133/XXXXX
⁷⁾ BYPASS

⁴⁾ SN1101051134/XXXXX-

⁵⁾ SN-XXXXXXXXXX/20885

Publ.No 7744439 March 2010	TAMD163A TAMD163C	TAMD163P-A	TAMD165C-A TAMD165A-A	TAMD165P-A	D16C
	270796 STD	270796 STD	270796 STD	270796 STD	20586602 STD
	270792 STD	270792 STD	270792 STD	270792 STD	20578851 STD ⁴⁾ 20578853 STD ⁵⁾
	270929 STD	270929 STD	270929 STD	270929 STD	270929 STD
	877356	877356	877356	877356	3886753
	3825374	3825374	3825374	3825374	20739057
	863702	863702	863702	863702	20513285
	1543581	1543581	1543581	1543581	20736230
	∅	∅	∅	∅	20725045
	276924	276924	276924	276924	∅
	0° 73.0L 5° 55.0L 10° 38.0L	0° 51.0L 5° 47.0L 10° 38.0L	0° 51.0L 5° 47.0L 10° 38.0L	0° 51.0L 5° 47.0L 10° 38.0L	0° 49.0L
	478736 ¹⁾ 477556 ²⁾	478736 ¹⁾ 477556 ²⁾	478736 ¹⁾ 477556 ²⁾	478736 ¹⁾ 477556 ²⁾	478736 ¹⁾ 477556 ²⁾
	3837935	3837935	3837935	3837935	3589104 HE
	875697	875697	875697	875697	3830459
	876209	876209	876209	876209	3886758
	865241	865241	865241	865241	∅
	876594	876594	876594	876594	∅
	8149980	8149980	8149980	8149980	20744939
	20532237	20532237	20532237	20532237	∅
	3839110 75°C	3839110 75°C	3839110 75°C	3839110 75°C	20560252 86°C
 A 1/4 NPTF, L=55mm B 1/4 NPTF, L=66mm C 1/8 NPTF D 3/8 NPTF E M12	A 949918 B 947893 C 966871 D 947894 E 974320 H 966723 I 1543847	A 949918 C 966871 D 947894 E 974320 G 1676622 I 1543847	A 949918 B 947893 C 966871 D 947894 E 974320 G 1676622 I 1543847	A 949918 B 947893 C 966871 D 947894 E 974320 G 1676622 I 1543847	A 949918 G 1676622
	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169 D 838928 E 838929	A 823662 B 823661 C 836169
	976483	976483	976483	976483	20430373
	876069	876069	876069	876069	∅
	3836478	3836478	3836478	3836478	3885441
	3825133 ¹⁾ 864315 ³⁾	3825133 ¹⁾ 864315 ³⁾	3825133 ¹⁾ 864315 ³⁾	3825133 ¹⁾ 864315 ³⁾	3888460 ¹⁾
	876274	876274	876274	876274	∅
	866835	866835	866835	866835	20898038
	A 862154 B 11998	A 862154 B 11998	A 862154 B 11998	A 862154 B 11998	A 20513340
	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 1502028 B 949656	A 20513343
	837437	3587072	3587072	3587072	3587072
	876808	876808	876808	876808	3886757
	876805 876806	876805 876806	876805 876806	876805 876806	3886758

¹⁾ STD ²⁾ BYPASS ³⁾ CLASSIFIABLE ⁴⁾ BEARING No 1-6 ⁵⁾ BEARING No 7