



Recall Information Bulletin

No: C1007710 **Issued:** 5/15/2015

NHTSA No: 15V-195

Transport Canada No: 2015-138

Re: 4P10 Lower Timing Chain Bolt

Group: 11 **Models:** FE

SUBJECT:

Safety Recall C1007710 – 4P10 Lower Timing Chain Bolt

MODELS:

FEC72, FEC92

VEHICLES INVOLVED:

Certain 2014 and 2015 model year FEC72 and 2012, 2013, 2014 and 2015 model year FEC92 trucks produced from April 22, 2011 through February 1, 2014.

A list of vehicles your Dealership has sold that require this Recall can be found on the Dealer's "Open Campaigns" list supplied by MFTA via Fusonet. Some individual vehicles described above may not need the Recall as the repairs may have already been performed. Always check the "VIN Inquiry" tab under "Service" or "Warranty" on Fusonet to verify that the VIN requires this Safety Recall.

Important note: It is a violation of Federal law for a dealer to deliver a new or used motor vehicle covered by this Recall Information Bulletin, under a sale or lease, until the Safety Recall has been completed.

OWNER NOTIFICATION:

Owners of affected vehicles will be notified by mail.

CONDITION:

Mitsubishi Fuso Truck of America, Inc. has decided that a defect which relates to motor vehicle safety exists in certain 2012-2015 FEC72 and FEC92 vehicles equipped with the 4P10 engine lower timing chain bolt. On certain affected vehicles, the lower engine timing chain bolt may have been insufficiently tightened during assembly. Normal operation in this condition may cause an engine oil leak. In the worst case, the engine could become inoperative, increasing the risk of a crash.

MODIFICATION:

The lower timing chain bolt will be tightened to the proper specification and the two timing chain tensioners will be replaced. Even if the lower timing chain bolt in the vehicle is found to have been sufficiently tightened during assembly, the full recall procedure will still be performed and both timing chain tensioners will be replaced.

PARTS LIST:

The replacement parts are available through normal parts channels. **IMPORTANT! There are only 30 trucks affected by this Campaign, please DO NOT order parts unless you have a truck scheduled in for repair.**

Part Number	Description	Qty	Notes
MK667060	O-RING	1	PCV COVER
MK667058	SHAFT SEAL	1	PCV COVER
MK667053	AIR CLEANER	1	PCV COVER
MK667208	SHAFT SEAL	1	CRANK SHAFT
MK666950	LOCK PLUG	1	DISTRIBUTION GEAR COVER
QC000287	GASKET	1	COVER (DISTRIBUTION COVER)
QC000367	HEAD COVER GASKET	1	COVER (CAMSHAFT)
QC000124	O-RING	1	CAMSHAFT TIMING SENSOR
MK667103	THREADED PLUG	1	UPPER SIDE SKID
MK667105	SEAL GASKET	1	UPPER SIDE SKID
MK667022	FLAT ENGINE GASKET	1	OIL PUMP
QC000347	TENSIONER	1	LOWER CHAIN STRETCHER
QC000348	TENSIONER	1	UPPER CHAIN STRETCHER

PARTS PRICING ADJUSTMENT TABLE:

Part Number	Qty	Dealer Net	33% Mark Up	Recall Reimbursement
MK667060	1	\$11.68	\$15.53	\$15.53
MK667058	1	\$14.96	\$19.90	\$19.90
MK667053	1	\$51.20	\$68.10	\$68.10
MK667208	1	\$24.73	\$32.89	\$32.89
MK666950	1	\$1.63	\$2.17	\$2.17
QC000287	1	\$18.80	\$25.00	\$25.00
QC000367	1	\$10.98	\$14.60	\$14.60
QC000124	1	\$1.58	\$2.10	\$2.10
MK667103	1	\$5.66	\$7.53	\$7.53
MK667105	1	\$1.84	\$2.45	\$2.45
MK667022	1	\$3.35	\$4.46	\$4.46
QC000347	1	\$48.25	\$64.17	\$64.17
QC000348	1	\$73.98	\$98.39	\$98.39
			Total	\$357.29

RECALL CLAIM SUBMITTAL:

Claim labor via Fusonet using the Recall Claim Entry screen. Enter all requested information, including the Campaign Number. The system will apply the labor allowance and parts pricing adjustment shown.

Campaign Reimbursement					
Campaign Number	Models	Allowances		Labor Description	Part Number
C1007720	FEC72 FEC92	Labor Time	6.7 hours	Retighten the lower timing chain bolt and install two new tensioners	See PARTS LIST
		Parts Pricing	US\$357.29		

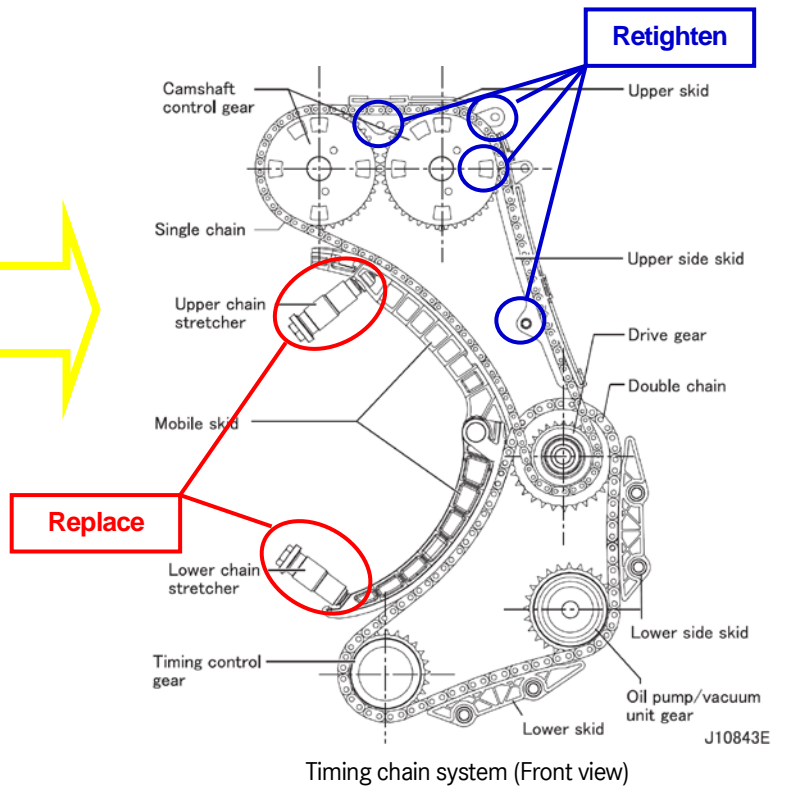
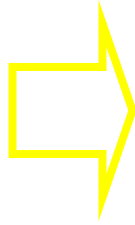
REPAIR PROCEDURE:

1. Park the vehicle on a flat, level surface, turn off the engine and chock the wheels.
CAUTION!
Do not remove the wheel chocks until all modification work has been completed.
2. Perform the Campaign using the attached modification procedure.

MODIFICATION PROCEDURE




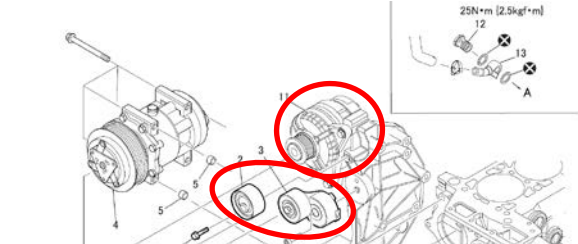
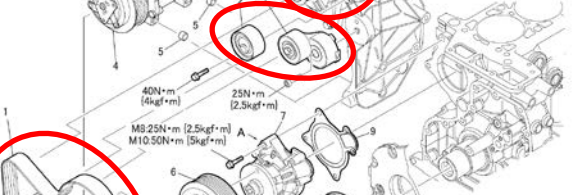
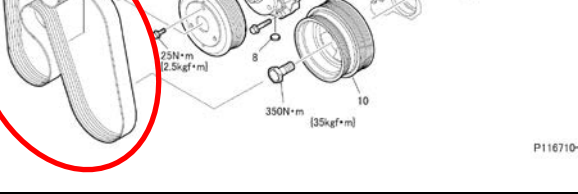
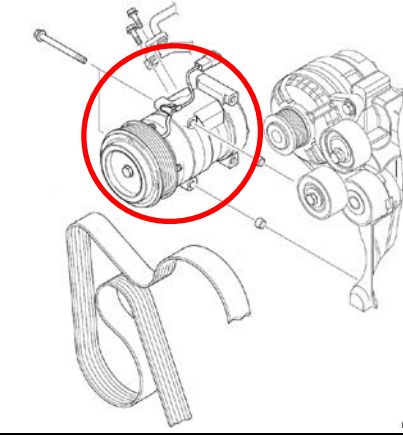
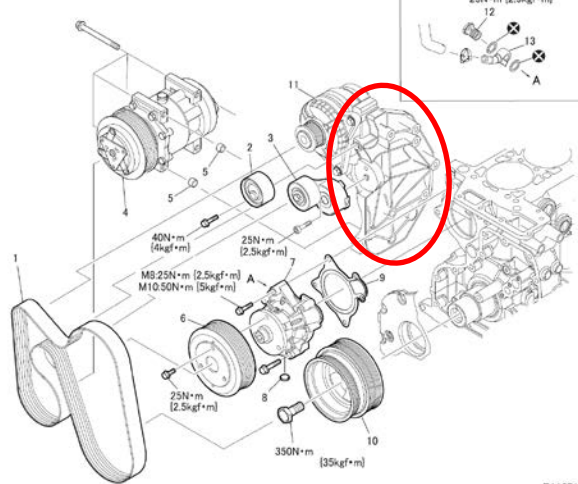

Engine Assembly (Front view)

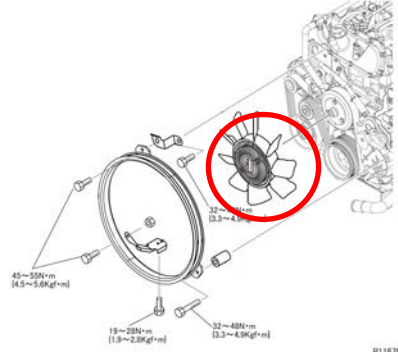
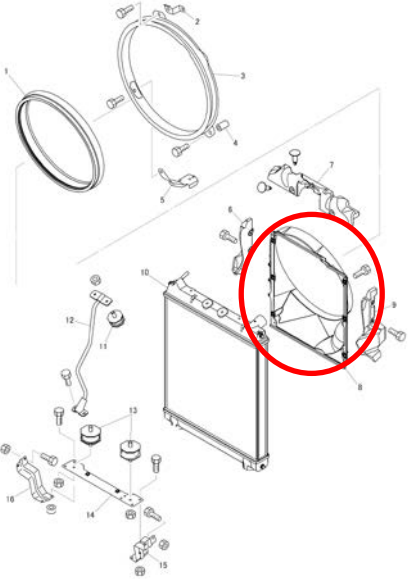
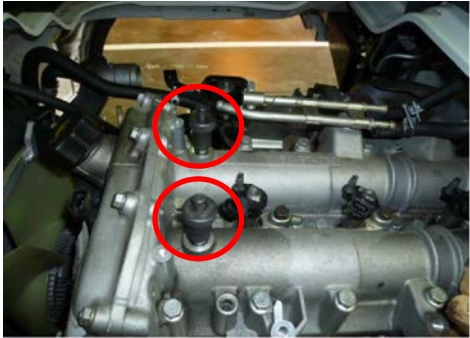


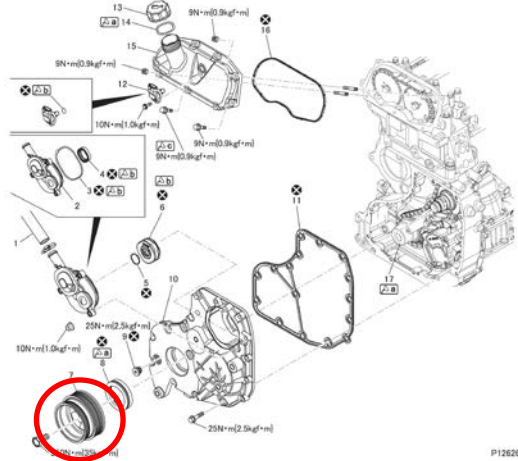
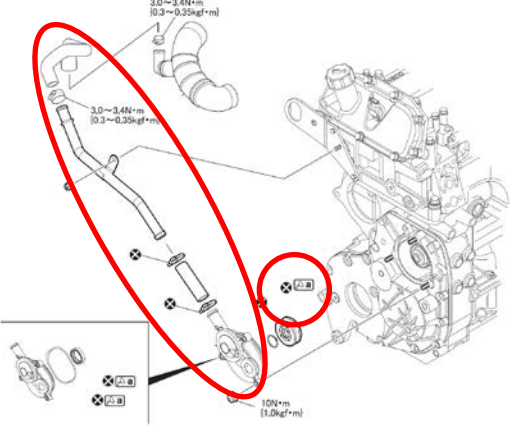
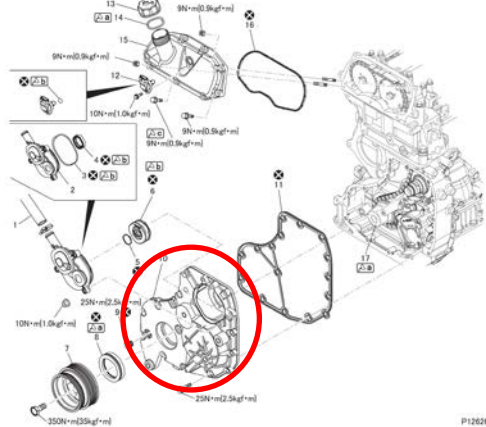
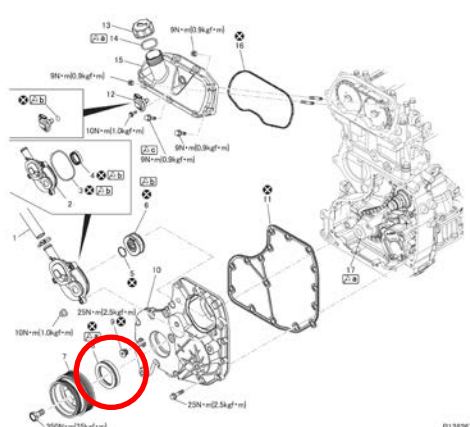
Timing chain system (Front view)


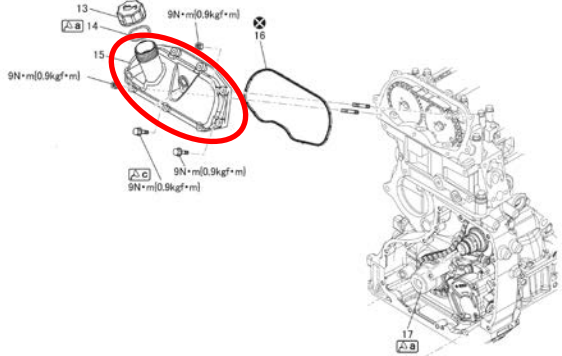
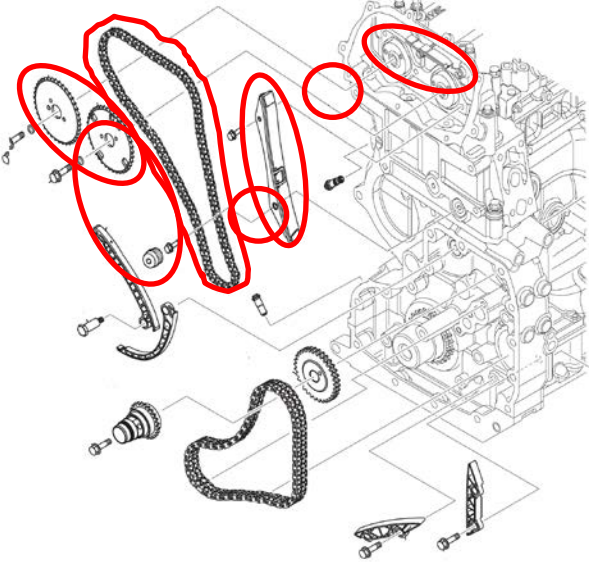
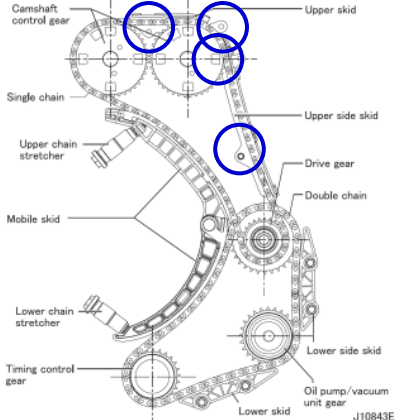
NOTE: Refer to the Canter Service Manual for details.

Step	Work item	Reference
1	Disconnect the negative battery terminal	-
2	Tilt up cab	-
3	Drain engine coolant	-
4	Jack up vehicle	-
5	Remove chassis side cover (Remove lower seal panel)	
6	Remove air intake hose located between turbocharger and intercooler	

7	Remove fan belt.	
8	Remove automatic belt tensioner.	
9	Remove alternator/generator	
10	Remove air conditioner compressor	
11	Remove alternator bracket	
12	Remove radiator upper hose	

<p>13</p>	<p>Remove cooling fan</p>	
<p>14</p>	<p>Remove fan shroud and shroud seal</p>	
<p>15</p>	<p>Install special tool : camshaft positioning (MH063968)</p>	

16	<p>CAUTION : DO NOT ALLOW THE ENGINE TO TURN COUNTER CLOCKWISE! Have an assistant hold the flywheel with a pry bar or similar tool so the crankshaft bolt and pulley can be removed.</p>	
17	Remove PCV hose and pipe	
18	Remove PCV cover	
19	Remove PCV filter	
20	Remove timing cover	
21	Remove front oil seal (Non-reusable parts)	

22	Install special tool : Crank positioning (MH063969)	
23	Remove cover.	
24	Replace upper chain stretcher with new [37 ft.lbs. / 50 Nm]	
25	Replace lower chain stretcher with new [37 ft.lbs. / 50 Nm]	
26	Remove upper mobile skid and lower mobile skid.	
27	Remove camshaft timing gear (Intake/Exhaust)	
28	Remove timing chain upper	
29	Tighten upper skid and the upper side skid mounting bolts with standard torque [7.4 ft.lbs. / 10 Nm]	
30	Tighten upper side skid and the upper side skid mounting bolts with standard torque [7.4 ft.lbs. / 10 Nm]	
31	Reassemble in the reverse order of disassembly.	

Confirmation steps

- Confirm that the engine coolant is filled to proper level.
- Start the engine and inspect for oil leaks from upper and lower chain tensioners.
- Confirm proper A/C operation.
- Ensure that there are no abnormal engine noises.