



Technical Service Bulletin

SUBJECT: OIL LEAKAGE FROM FRONT OIL SEAL OF CRANKSHAFT			No: TSB-16-11-003
			DATE: November, 2016
			MODEL: See below
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

Some vehicles may exhibit oil leakage from the front oil seal on the crankshaft. This may be due to the durability of the oil seal against foreign material, such as sand, which can damage the front main lip of the oil seal, allowing oil leakage to occur.

The design of the front oil seal has been changed to reduce the possibility of oil leakage. A rib has also been added to the oil seal to further prevent foreign materials from entering.

This TSB instructs dealers to inspect for oil leakage from the front of the crankshaft, and if confirmed, to replace the front oil seal. Then dealers are instructed to inspect and clean the rubber of the crankshaft pulley, and replace the crankshaft pulley if rubber is damaged.

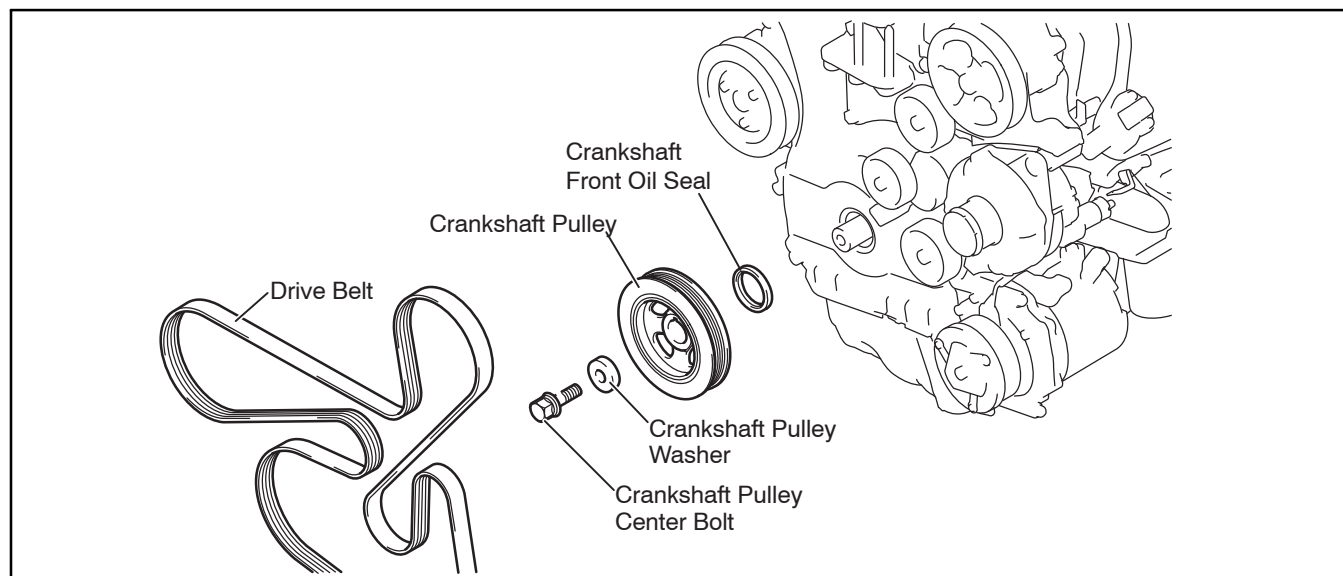
AFFECTED VEHICLES

2008–2011 Lancer, Lancer Ralliart, Lancer Sportback, Lancer Sportback Ralliart, Lancer Evolution, and Outlander vehicles built **before** the following dates:

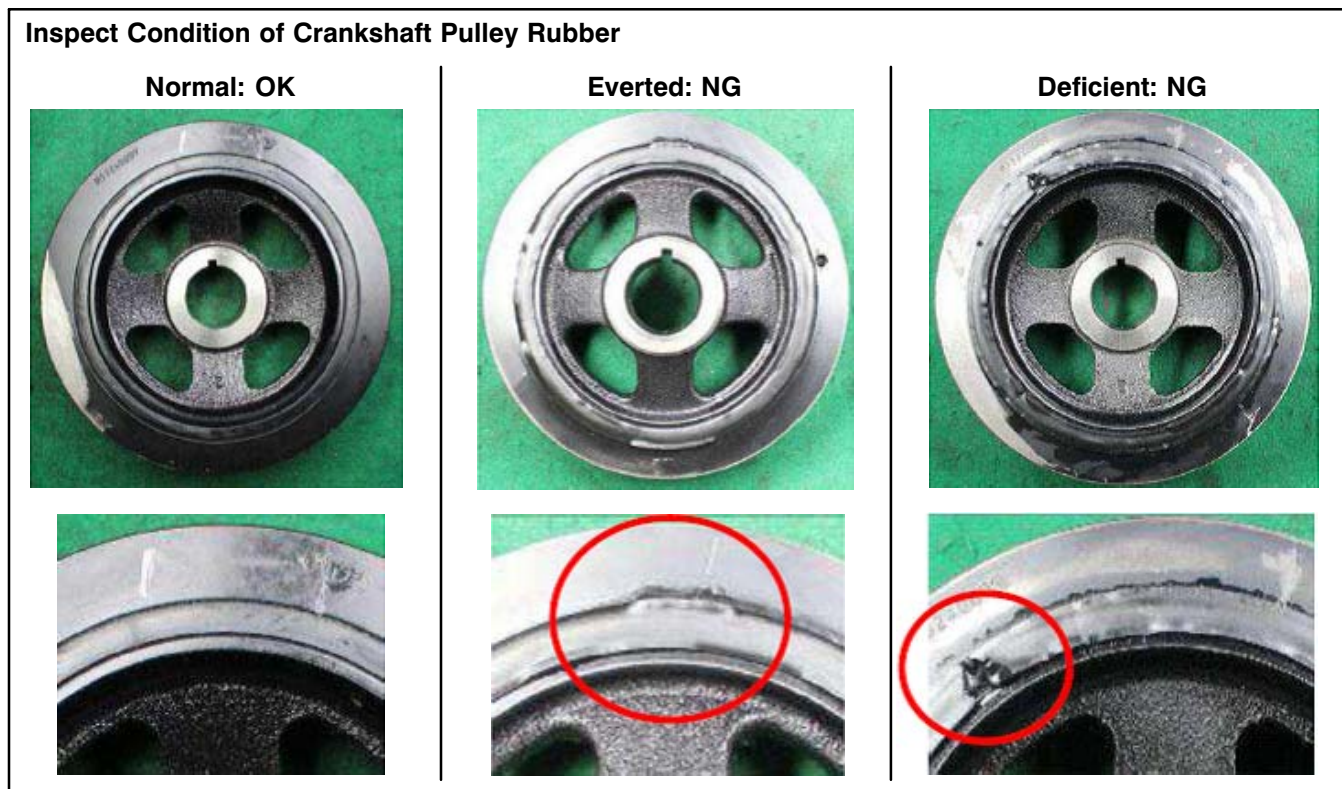
- As of July, 2010, the design of the oil seal has been changed to prevent foreign material entering the seal.
- As of May, 2011, an additional rib has been added to the oil seal, in order to further prevent foreign material from entering.

REPAIR PROCEDURE

1. Remove the crankshaft pulley. Follow instructions in the Service Manual, group 11–Engine → Engine Mechanical → Crankshaft Pulley → Removal and Installation.
2. Inspect for oil leakage from the front seal of the crankshaft. Follow instructions in the Service Manual, group 11–Engine → Engine Mechanical → Crankshaft Oil Seal → Removal and Installation. If leakage is confirmed, replace the front oil seal with a new part.



3. Inspect the rubber of the crankshaft pulley. Refer to the sample photos below.



- If the rubber of the crankshaft pulley is everted and/or deficient due to oil leakage, replace the crankshaft pulley with a new part.
- If the rubber of the crankshaft pulley appears normal, clean it with a clean cloth and reuse it.

⚠ CAUTION Do not use any cleaning agents to clean the rubber of the crankshaft pulley. Cleaning agents can deteriorate the rubber and cause future cracking and damage.

4. Reassemble in reverse order of disassembly.

PARTS INFORMATION

Order only the Genuine Mitsubishi Parts listed below.

Model	Engine	Part Number		Quantity
		Oil Seal	Crankshaft Pulley	
Lancer	4B11	1052A809	1104A102	1
Lancer Sportback	4B12			1
Outlander	4B11			1
	4B12			1
Lancer Evolution	4B11-TC	1104A074	1	
Lancer Ralliart			1	
Lancer Sportback Ralliart			1	

WARRANTY INFORMATION

This bulletin is supplied as technical information only and is not an authorization to repair. If an affected vehicle is reported with the described condition, diagnose the condition, repair as described in this bulletin and submit a normal warranty claim using the following information.

Model	Operation	Labor Operation Code	Nature Code	Cause Code	Time Allowance
4B11/4B12 Engine: Lancer, Lancer Sportback, Outlander	Remove Crankshaft Pulley and Check for Oil Leakage; Replace Crankshaft Front Oil Seal, if necessary.	112342 NK	71D	150	0.7
4B11 –TC Engine: Lancer Evolution, Lancer Ralliart, Lancer Sportback Ralliart	Check and Clean up Crankshaft Pulley; Replace Crankshaft Pulley, if necessary				1.6

Warranty Coverage: Powertrain Coverage