



No.: 12 TS-17
August 28, 2012

TO: Service Locations

FROM: Service Operations

SUBJECT: **DD Platform New Wax-Coated O.D. Front Crankshaft Seal**
P/N: A0159975746

NOTE: This document replaces 11 TS-14Rev.

ISSUE

The original front crankshaft seal required the application of a lubricant to the outside diameter (O.D.) of the seal prior to installation. DDC has released an improved seal. The new seal has a wax coating on the outside diameter to improve consistency of repair during the installation. Lubrication does not need to be used on the new seal during installation. Lubricants will damage the wax coating.



Sealing lip should face inward (toward the engine) Dust seal (felt) should face outward

CLAIM PROCESS

If the front crankshaft seal is leaking and still covered under warranty, ensure to mark the seal at the 12 o'clock position with a paint marker before removing from the engine and sending back to Detroit.

REQUIRED ACTION

When installing the new wax-coated front seal, do not use any lubrication. There is a new installation ring (W541589003400), to be used in conjunction with installer/remover tool (W541589023300) that was released Jan/2008 (08 TL-1 Rev). The new installation ring installs the seal to the correct depth. Refer to the installation procedure in the Service Manual for more detailed information.



Installation Ring Tool
(W541589003400)

Installer/Remover Tool
(W541589023300)

ADDITIONAL INFORMATION

For service locations that are DD Platform certified in SSI, no action is required. The Installation Ring Tool will be automatically shipped in late October and invoiced to your facility.

Ordering Information:

Locations that are **NOT** DD Platform-certified in SSI will need to order the tools through the Paragon system. Tools can be ordered using a DDE supplier prefix.

- DDE W541589003400 – Installation Ring Tool
- DDE W541589023300 - Installer/Remover Tool

CONTACT INFORMATION

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.