

T880 SBFA and all W9 MY2017 MX-11 REPTO Idler Gear Hub PRE-CAMPAIGN BULLETIN

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9/28/2017

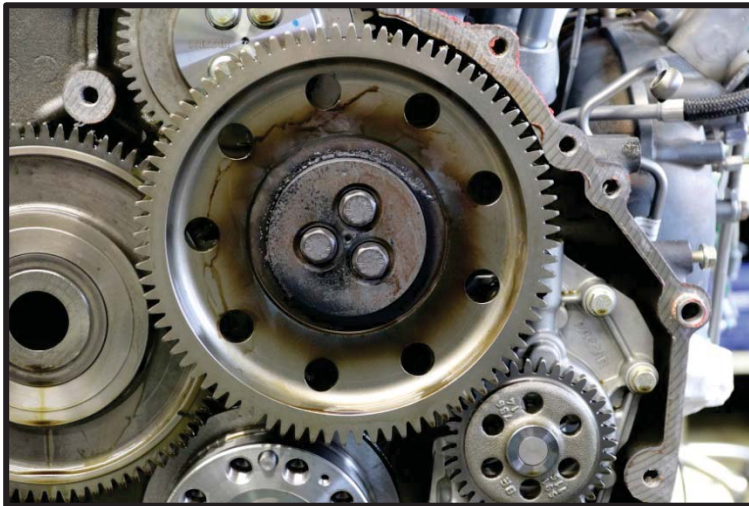
Bulletin No.

E202

Title

E202: T880 SBFA and all W9 MY2017 MX-11 REPTO Idler Gear Hub PRE-CAMPAIGN BULLETIN

Image



What's New Abstract

Non-Safety Campaign – Some MY 2017 W900 chassis with PACCAR MX-11 engines with the REPTO option are experiencing premature failure of the REPTO idler hub and gear.

Section

Engine - 45

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Subject

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Release Date

TBD

Revision

Chassis Affected

49 W9 and 43 T880 SBFA chassis (# U.S. and # Canada) equipped with PACCAR MX-11 engines with the REPTO. See the attached chassis list for specific chassis.

Action

CAMPAIGN

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. Review the DWWC or SIR for “Complete” next to the “E202” campaign code prior to performing this repair.
3. Follow the procedures below to inspect the block for damage and replace the REPTO Idler gear and hub as appropriate.

Warranty

Through Standard Warranty (excludes Extended Warranty) or for repairs completed by xx/xx/xxxx, whichever is greater, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 14.5 hours labor to replace the REPTO Idler Gear and Hub for W9 chassis.
- 17.80 hours labor to replace the REPTO Idler Gear and Hub for T880 chassis **with** SBFA.
- File an additional claim for removing PTO accessories and for extraordinary circumstances. A quick claim for standard labor must be filed first.
 - Include a clear and in-focus photo of the engine block surface under the hub with the additional claim for removing PTO accessories.
 - File a long for claim for r/r of the repto and include sealants in the long form claim.

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Kenworth dealers may perform E202 repairs on Peterbilt chassis, but Quick Claims do not apply. For Peterbilt chassis repairs, use the long claim input form in DWWC selecting "Draft/Offline Claims," the "General" tab, and in the "Type of Claim" drop down box, select "PACCAR Engine Claim," then manually enter claim codes (Campaign #, Failure type, and SRT).

CLAIM CODING

Failure Location:	xxx-xxx-xxx	Work Accomplished:	35
Failure Type:	215	Responsibility Code:	01
SRTs	045-440 (10.8 hrs.) (Flywheel housing R&R. SBFA add 4.0 hrs. for Peterbilt/add 2.0 hrs. for Kenworth (includes R&R of transmission))	Claim Type:	F
	042-160 (0.3 hrs.) (DRAIN & REFILL COOLING SYSTEM)		
	045-860 (0.4 hrs.) (Oil pan or / and oil pan gasket- R&R (Does not include oil heater R&R, for MY16 use the MY17 SRT as they are the same)		
	032-050 (0.8 hrs.) (Starter Assembly - R & R)		
	013-520 (0.6 hrs.) (air compressor pipe, delivery side 01 - R&R. SBFA add 1.0 hrs for Peterbilt/ add 1.3 hrs for Kenworth)		
	045-015 (0.3 hrs.) (oil drain and refill)		
	045-920 (0.5 hrs.) (crankshaft Sensor R&R (F552)		
	045-xxx (0.5 hrs.) (Idler Hub and gear R&R)		
	045-xxx (0.3 hrs.) Replace oil pump		

Take-Off Parts Disposition: Return to PTC for analysis.

Parts

Parts are available from PACCAR Parts, except where noted.

The parts on this list are the only parts authorized for this repair.

- O-rings and gaskets are expected to be reusable because they are new.
- Reuse bolts if they pass the inspection procedure in Engine Rapido with the exception of the eight engine mount and three hub bolts as listed in the following parts list.

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Table 1 Sealants

Quantity	Part Number	Description
1 300 ml cartridge	Source locally	Loctite 5188 Sealant for flywheel housing with groove, sealing surface (See Engine Rapido, Mounting product flywheel housing for applicability)
1 510 ml cartridge	079340-51041	Loctite 510 Sealant for flywheel housing without groove, sealing surface (See Engine Rapido, Mounting product flywheel housing for applicability)
1 300 ml cartridge	Source locally	Loctite SI 5910 Sealant for flywheel housing without groove, sealing surface (See Engine Rapido, Mounting product flywheel housing for applicability)
1 10 ml bottle	079340-43899	Loctite 243 as called out in Engine Rapido

Table 2 Required Parts

Quantity	Part Number	Description
1*	2037643PE	Gear wheel, engine, with aluminum bearing
1	2042823PE	Hub-Idler gear, with green dot
39 qts	Engine Oil	
1	2129253PE	Oil filter element
3	1901284PE	Bolt w/washer, M14×75, 10.9 (hub bolts)
1	1923380PE	Seal, crankshaft, flywheel housing
8	W34-1095-095	Bolt-flange M16×2×95, 10.9 (engine mount bolts)
1*	2132928PE	Oil pump specified for REPTO with higher nominal pressure set point of 2.9 bar.
2	1608394PE	Oil pump bend tube seal rings
1	EC3501	Engine coolant to top off

*Parts will be provided by PACCAR Engine Plant for week of 9/25.

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Procedure

You will be replacing the REPTO Gear, REPTO Hub, and Engine oil pump for this repair.

NOTE

All work for this campaign can be performed with the engine in the chassis. **Do not remove the engine** for work performed to complete this campaign.

In Engine Rapido, search for, and select, **Replace engine oil pump**. The job number is P 1406 322401 001 000. If the engine is not available in Engine Rapido for the chassis you are working on, use the instructions for chassis no. JJ197113.

In addition to the procedures found in Engine Rapido, use the following instructions:

1. Support the engine at the oil pan mounting rails.



CAUTION

Do not lift or support the engine using the oil pan. This will damage the oil pan.

2. Use the instructions in Service Manual [KM813022 One-Piece Rear Engine Mount Installation](#) (or Peterbilt [bulletin 8-11](#)) when you install the motor mounts.
3. Inspect the engine block for damage. The following figures show examples of an undamaged hub mounting surface and a damaged hub mounting surface. Take a clear and in-focus photo of the block to be submitted with the warranty claim.
 - If no damage is found, install a new hub and gear with new bolts.
 - If damage is found, start a SupportLink case and contact your RESM.

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Figure 1 Good block. No damage to the hub mounting surface.



Figure 2 Damaged block. Visible scoring to the hub mounting surface.

