

T880 SFFA MY2017 MX-11 REPTO Idler Gear Hub PRE-CAMPAIGN BULLETIN

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9/28/2017

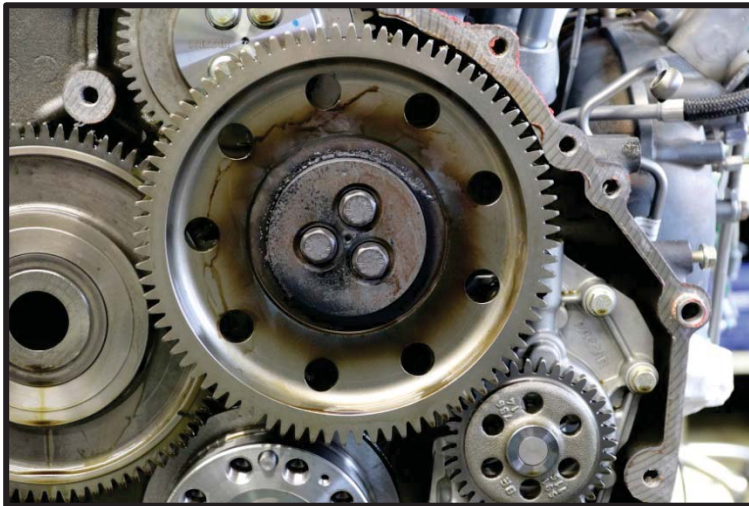
Bulletin No.

E203

Title

E203: T880 SFFA MY2017 MX-11 REPTO Idler Gear Hub PRE-CAMPAIGN BULLETIN

Image



What's New Abstract

Non-Safety Campaign – Some MY 2017 T880S 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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E203

Subject

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Release Date

TBD

Revision

Chassis Affected

73 T880 SFFA chassis (# U.S. and # Canada) equipped with PACCAR MX-11 engines with SFFA and the REPTO option. 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 “E203” 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:

- 20.8 hours labor to replace the REPTO Idler Gear and Hub.
- 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.
 - Include Loctite SI 5910, Loctite 510, and/or Loctite 5188 sealants in the long form claim.

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E203

Kenworth dealers may perform E203 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:	045-008-018	Work Accomplished:	35
Failure Type:	215	Responsibility Code:	01
SRT	045-xxx (1.10 hrs.) R&R Flywheel housing	Claim Type:	F
	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)		
	013-520 (0.1 hrs) (Air Compr Pipe R&R)		
	045-920 (0.1 hrs) (crankshaft Sensor R&R (F552)		
	045-xxx (0.5 hrs) (Idler Hub and gear R&R)		
	Engine R&R (18.0 hrs.)		
	Clutch R&R (0.3 hrs.)		
	045-xxx (0.3 hrs.) (Oil pump R&R)		

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

Parts

Parts are available from PACCAR Parts.

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.

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
1	2042823PE	Hub-Idler gear
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*	2132928	Oil pump specified for REPTO with higher nominal pressure set point of 2.9 bar.
2	1608394	Oil pump bend tube seal rings

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

Table 3 Parts required for Engine R&R

Quantity	Part Number	Description
1 Gal		Power steering fluid
1 Gal	EC3501	Engine coolant to top off

Procedure

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

1. Remove the engine from the chassis and support it properly for ground repair.



CAUTION

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

2. In Engine Rapido, search for, and select, **Replace engine PTO gear (Basic assy.)**. The job number is P 1401 378629 001 000. If this job is not present 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. Use the instructions in Service Manual [KM813022 One-Piece Rear Engine Mount Installation](#) (or Peterbilt [bulletin 8-11](#)) when you install the motor mounts.
2. 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.

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



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

