

**SB-10044089-9952**

A PACCAR COMPANY

Technical Information Bulletin

E052

Section

ECM/PMCI

Subject

PACCAR MX Engine Fan Cycling Campaign

Release Date

3/26/2012

Condition

Engine software installed for identified chassis did not include programming to prevent excessive fan ON/OFF cycling. Campaign E052 provides for corrected software and replacement of fan clutch linings that may have been damaged as a result of OE programming.

Chassis Affected

Select T660s, T700s, T800s and W900s built between 01/16/12 – 02/15/12.

Action

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis. Use the procedure below. Review DWC or SIR online systems to verify that campaign "E052" is still open or already completed prior to performing this repair.

NOTE: Chassis affected are, in most cases, so new that Kenworth does not have customer's names and

addresses in our system. Please contact your customers or check your lot for these chassis.

Warranty

Through Basic Vehicle Warranty, Kenworth will pay for parts at dealer net, plus applicable mark-up, and labor to perform the procedure as appropriate. See Quick Claim summary, following. Refer to the chassis list to identify which are equipped with 2-speed or ON/OFF fan hubs.

- E052a: For chassis with 2-speed fan hub; 0.7 to upload PRS files (no clutch inspection necessary – see Background for explanation).
- E052b: For chassis with ON/OFF fan hub and inspection found no excessive fan clutch wear; includes 1.0 hours labor for PRS file and clutch inspection.
- E052c: For chassis with ON/OFF fan hub and inspection found excessive fan clutch wear, includes 3.1 hours labor for PRS file, inspection, and lining R&R.

WARRANTY CODES:

Failure Location: 045-021-998	Work Accomplished: 58
Failure Type: 700	Responsibility Code: 01
SRT Codes:	Claim Type: F
045-880 0.7 hr	Connect DAVIE, download PRS and reprogram ECM
042-XXX 0.3 hr	Inspect fan clutch lining for wear or heat deterioration
042-101 2.1 hr	Replace worn clutch discs if required

Parts

Parts are available from PACCAR Parts. Parts may or may not be required. See Procedure for criteria.

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	1033-40595-01	Fan clutch liner kit

Background

Without engine programming protections, certain operating conditions can create unnecessarily rapid and repetitive fan engagements. Chassis listed were manufactured without protections and this campaign corrects that deficiency.

Additionally, rapid cycling of the ON/OFF style clutch can result in excessive clutch facing wear and/or deterioration. The 2-speed style clutch will engage slowly enough in these conditions so that it does not become excessively worn or deteriorated.

Campaign E052 considers the potential for ON/OFF clutch facing wear and compensates for inspection and, if necessary, replacing clutch discs.

Procedure

1. All chassis listed require PRS file updates. See the E052 Software Procedure attachment. For chassis identified as “2-speed” on the chassis list attachment, no further repair is necessary. File Quick Claim E052a for payment and to record completion of this campaign.
2. If chassis is listed as “ON/OFF”, fan clutch facing inspection is required. Refer to the E052 Borg Warner Fan Clutch Inspection attachment for instruction.

- a. If inspection reveals no excessive wear, no further repair is necessary. File Quick Claim E052b.
 - b. If inspection reveals excessive wear, replace clutch discs per standard procedures and file Quick Claim E052c
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Attachments

 [E052 Chassis List.xls](#)

 [E052 Software Procedure.pdf](#)

 [E052 Borg Warner Fan Clutch Inspection.pdf](#)

 [E052 Customer Letter.pdf](#)

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