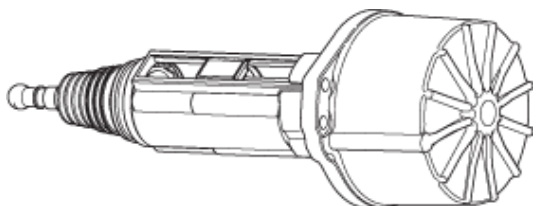




Technical Information Bulletin

T011



Section

Transmission - 26

Subject

PACCAR Transmission LCA replacement

Release Date

12/18/2020

Revision

12/23/2020: Changed PRWS Claim Coding table Supplier Code from 21888AA to 21888AB.

Condition

[T010](#) is complete and a DTC of 511 is set indicating no gear engagement.

Chassis Affected

Chassis built from 05/01/2017 through 05/08/2019 with a PACCAR transmission, serial number of less than or equal to Z0057102.

Action

Fix-As-Fail

If a customer enters the dealership and demonstrates the condition above, verify that Campaign [T010](#) has been completed and follow the procedures below to replace the LCA.

Warranty

Through Standard Warranty or any applicable active Extended Warranty, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 2.5 hours labor to diagnose the DTC, record and clear DTC 511, replace LCA, run clutch recalibration, and test drive. File a quick claim T011
- File a long form claim for extraordinary circumstances. A quick claim must be filed first.

Kenworth dealers may perform T011 repairs on Peterbilt chassis, but Quick Claims do not apply. For Peterbilt chassis repairs, file a long form claim and use the claim codes below.

Take-Off Parts Disposition: Ship take-off parts to supplier per ship code

PRWS CLAIM CODING			
Campaign Code:	Only required for Campaigns	Campaign Type	Non-Campaign
Claim Category:	PACCAR Transmission	Repair Type	Fix-As-Fail
Customer Concern Code	173	Causal Code	95
Corrective Action Code	12	Responsibility Code:	CampSupp
Failure Location	026-015-021	Causal Part	E74-1010
Supplier code	21888AB	SRT	See the DWC table below

DWC CLAIM CODING			
Failure Location:	026-015-021	Work Accomplished:	58
Failure Type:	363	Responsibility Code:	05
SRT Code:	026-520 1.0 hours Paccar or Eaton Endurant Transmission - Electronic Diagnostics: Includes hooking up with DAVIE4 or Service Ranger, hooking up the breakout box, and diagnosing one active fault code. 026-503 0.5 hours Paccar or Eaton Endurant Transmission - Linear Clutch Actuator (LCA) R&R (In chassis) 026-507 0.5 hours Paccar or Eaton Endurant Transmission - Clutch Re-	Claim Type:	9

	calibration (In chassis) 026-451 0.5 hours Test Drive		
Vendor Code:	T011	Campaign Field:	T011

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	E74-1010	LINEAR CLUTCH ACTUATOR KIT

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

If a vehicle comes into your dealership with a Transmission DTC 511, ensure that [T010](#) has been completed.

Diagnostics

Customers may experience transmission service lamp, no gear engagement from neutral and fault codes due to Linear Clutch Actuator (LCA) not being able to achieve desired clutch position. DTC 511 FMI 7 or 10 is set. The only diagnostics covered by this bulletin are to confirm the transmission software and shift calibrations are updated to the latest revisions and that DTC 511 is set.

Reference the TCM software documents [here](#).

1. Connect to vehicle with DAVIE4 to check for transmission DTC 511.
 - If DTC 511 is present continue with this procedure.
 - If other DTCs are present, diagnose per appropriate service documentation.
2. Replace LCA per [PACCAR Transmission service manual](#).
 - Only the DAVIE4 Clutch Calibration is required with the (in chassis) LCA replacement. (The DAVIE4 Rail Calibration is not required with an (in chassis) LCA replacement.
3. Test drive the vehicle.
 - If transmission service lamp does not illuminate, repair is complete.
 - If transmission service lamp illuminates during test drive, continue with the appropriate diagnosis.

Authored by: OF

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Technical Information Bulletin

T011

Section

Transmission - 26

Subject

PACCAR Transmission LCA replacement

Release Date

12/18/2020

Condition

[T010](#) is complete and a DTC of 511 is set indicating no gear engagement.

Chassis Affected

Chassis built from 12/06/2016 through 03/27/2020 Models 567/579 with a PACCAR transmission, serial number of less than or equal to Z0057102.

Action

Fix-As-Fail

If a customer enters the dealership and demonstrates the condition above, verify that [T010](#) has been completed and follow the procedures below to replace the LCA.

Warranty

Through Standard Warranty or any applicable active Extended Warranty, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- 2.5 hours labor to diagnose the DTC, record and clear DTC 511, replace LCA, run clutch recalibration, and test drive. File a quick claim T011
- File a long form claim for extraordinary circumstances. A quick claim must be filed first.

Peterbilt dealers may perform T011 repairs on Peterbilt chassis, but Quick Claims do not apply. For Kenworth chassis repairs, file a long form claim and use the claim codes below.

Take-Off Parts Disposition: Ship take-off parts to supplier per ship code

PRWS CLAIM CODING			
Campaign Code:	Only required for Campaigns	Campaign Type	Non-Campaign
Claim Category:	PACCAR Transmission	Repair Type	Fix-As-Fail

Customer Concern Code	173	Causal Code	95
Corrective Action Code	12	Responsibility Code:	CampSupp
Failure Location	026-015-021	Causal Part	E74-1010
Supplier code	21888AB	SRT	See the DWC table below

DWC CLAIM CODING			
Failure Location:	026-015-021	Work Accomplished:	PB-69
Failure Type:	363	Responsibility Code:	05
SRT Code:	026-520 1.0 hours Paccar or Eaton Endurant Transmission - Electronic Diagnostics: Includes hooking up with DAVIE4 or Service Ranger, hooking up the breakout box, and diagnosing one active fault code. 026-503 0.5 hours Paccar or Eaton Endurant Transmission - Linear Clutch Actuator (LCA) R&R (In chassis) 026-507 0.5 hours Paccar or Eaton Endurant Transmission - Clutch Re-calibration (In chassis) 026-451 0.5 hours Test Drive	Claim Type:	09
Vendor Code:	T011-00	Campaign Field:	T011

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	E74-1010	LINEAR CLUTCH ACTUATOR KIT

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

If a vehicle comes into your dealership with a Transmission DTC 511, ensure that [T010](#) has been completed.

Diagnostics

Customers may experience transmission service lamp, no gear engagement from neutral and fault codes due to Linear Clutch Actuator (LCA) not being able to achieve desired clutch position. DTC 511 FMI 7 or 10 is set. The only diagnostics covered by this bulletin are to confirm the transmission software and shift calibrations are updated to the latest revisions and that DTC 511 is set.

Reference the TCM software documents [here](#).

1. Connect to vehicle with DAVIE4 to check for transmission DTC 511.
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 - If other DTCs are present, diagnose per appropriate service documentation.
2. Replace LCA per [PACCAR Transmission service manual](#).
 - Only the DAVIE4 Clutch Calibration is required with the (in chassis) LCA replacement. (The DAVIE4 Rail Calibration is not required with an (in chassis) LCA replacement.
3. Test drive the vehicle.
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 - If transmission service lamp illuminates during test drive, continue with the appropriate diagnosis.

Authored by: DKH

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