

Claim Number : CU-707833**Repair Summary**

Customer concern code	Causal code	Corrective action
243 - Lamp - Transmission Warning	51 - Inoperative	03 - Replace with New
Causal part	Causal part description	Supplier
T-E0510211000000A00	Automated Transmission Assembly	21888AB - PACCAR Eaton-Cummins JV
Failed assembly number	Failed assembly description	Repair order number
T-E0510211000000A00	Automated Transmission Assembly	SR38321
Causal part model number	Causal part serial number	Diagnostic case number
PO-18F112C12	Z0038610	---
Campaign code	Program ID	Total repair line cost
---	---	\$1,769.53
TCS365 case number	Applicable warranty	Days to file
---	PACCAR Transmission	6

Failure location

026-001-063- Transmission Assembly

Position

00 - Not Applicable

Repair story

C/S WHEN STOPPING TRUCK TRANS GOES INTO A FAULT AND WONT SHIFT, HAVE TO SHUT TRUCK OFF THAN TURN BACK ON TO GET TO SHIFT

CAUSE, defective trans

CORRECTION:

hooked and checked for codes found e rail codes 647,780 troubleshot 647 and found trans needed to come out, removed trans , removed LCA and MTM checked e rail and found it not shifting proper and there was gear damage in the front gears, opened case #05090899 they advised to remove rear section and inspect rear counter shaft bearings for looseness in the bore, finding was that one side bearing moved in the bore, was then advised to replace trans, R&R clutch and flywheel, had flywheel turned and installed new clutch, installed old MTM and LCA, reinstalled trans 2 connectors would not go back on the trans ,had to replace , filled and built up air let trans perform self calibrations, cleared codes and road tested with no issues and no codes. NOTE TO ANALYST 026XXX FOR 3.0 IS DG

TEAR DOWN AND THAN REASSEMBLE TO SHIP BACK
THE 2ND 026XXX IS FOR 2.0 TO REPLACE TWO CONNECTORS TO THE TCM

No	Prior approval #	Type	Category	Service material serial #
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No items found

Claim Number : CU-1038447**Repair Summary**

Customer concern code	Causal code	Corrective action
029 - Does Not Operate Properly	51 - Inoperative	03 - Replace with New
Causal part	Causal part description	Supplier
2112481	Camshaft	---
Failed assembly number	Failed assembly description	Repair order number
E41GF7G9E882735300	---	40002117
Causal part model number	Causal part serial number	Diagnostic case number
MX-13	Y189276	---
Campaign code	Program ID	Total repair line cost
---	---	\$7,220.46
TCS365 case number	Applicable warranty	Days to file
05359503	Standard MX Major Components	19

Failure location

045-008-098- Camshaft

Position

00 - Not Applicable

Repair story

NEW SERIAL# 222980016 CASE# Y150963R PART# F2189588PRX - Over purging coolant-pop cap and coolant goes back to reservoir - liner exceeding 0.03mm on cylinders 2,5,6 -pull truck to shop. connect est to truck and upload ecm image. low coolant level codes stored in ecm. ran block tester on engine. fluid turned green indicating exhaust gases are present in cooling system. remove air line on air drier and install test fitting on air line. pressurized air compressor to check for compressor failure. air compressor test passed no issues found. Removed air cleaner and valve cover and rocker shaft assembly and injector pressurize coolant system to check and see if injector cups are leaking no leaks found removed EGR cooler hot pipe to check for internal leaks no leaks found disassemble engine to remove cylinder head remove head found cylinder four head gasket blown clean block surface and measure liner height upload results to case file found adjacent liner exceeding 0.03mm on cylinders 2,5,6 open up TCS case, Case number 05359503 . TCS instructed me to remove liner and pistons to inspect counterbore balconies for fretting and also inspect cam found no fretting in counterbore but did find scaring in cam lobes intake and exhaust lobes throughout the camshaft upload pictures to TCS was instructed that a long block will be ordered and engine will be replaced with a long block. Removed Hood and Radiator ,CAC, Condenser as a

assembly removed engine and transmission from unit once received new long block disassemble old engine and moved removed components to new engine while installing components flushed unit oil-coolant module and turbo once engine was fully assembled install engine and transmission into unit reassemble all removed components fill unit with coolant and oil with new oil, coolant, air and fuel filters start and ran unit and check for leaks no leaks found unit repair is complete update TCS case and upload a new ECM image to case file unit is ready

No	Prior approval #	Type	Category	Service material serial #
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No items found