



Technical Service Bulletin

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Shortened Suction Side Fuel Filter Life: Fault Code 559

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- L9 CM2450 L126B

Issue

Symptom:

- Repeated plugging of suction side fuel filter prior to required maintenance interval. See corresponding Operation and Maintenance Manual, Bulletin 5613076. Reference Procedure 359-008 in Section 3 for fuel filter maintenance interval.

Root Cause:

- Suction side fuel filter plugging

Verification

- Confirm suction side fuel filter is plugged. See corresponding Service Manual. Reference Procedure 006-020 in Section 6 to measure suction side fuel filter restriction.
- Confirm suction side fuel filter is a 10-micron fuel filter. Reference Table 1 below for corresponding fuel filter part number.
- Confirm pressure side fuel filter restriction is within specification. Perform pressure side fuel filter restriction test. See corresponding Service Manual. Reference Procedure 005-236 in Section 5 to measure pressure side fuel filter restriction.

Resolution

New suction side fuel filter options for units repeatedly experiencing short suction side fuel filter life are available. New filter options offer adequate protection to the fuel system while extending suction side fuel filter life. See Table 1 below.

Service Instructions

Verify correct pressure side fuel filter is installed. Pressure side fuel filter, Part Number FF6304101 NN, **must** be used when utilizing a new suction side fuel filter. Install the appropriate 25 or 30 micron Suction Side (Stage 1) fuel filter for the existing filter housing using Table 1, below.

Service Parts Availability

Table 1, Service Parts			
Suction Side Filter Housing	Existing Stage 1 Fuel Filter Part Number (10um)	New Stage 1 Part Number (25 or 30um)	Pressure Side Part Number (no change)
Fleetguard®	Fleetguard®	Fleetguard®	FF6304101 NN
FS90394	5528103	5682805	
FS90395			
FS90396			
Davco	Davco	Davco	FF6304101 NN
DP245	FS20081	DP243 with FS19728	
Racor	Racor	Racor	FF6304101 NN
445R	R45T	R45P	
460R	R60T	R60P	
490R	R90T	R90P	
4125R	R125T	R125P	
4120R	R120T	R120P	
PACCAR	Fleetguard®	Fleetguard®	FF6304101 NN
K37-1030-1110	FS20172	FS20173	

Note : If a part number is **not** referenced in Table 1 above, contact local Cummins Inc. representative for assistance in obtaining correct suction side fuel filter part number.

Document History

Date	Details
2021-9-17	Module Created
2024-2-29	Updated Table 1.

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