



Countries: CANADA, UNITED STATES Document ID: IK1500093
Availability: ISIS, Bus ISIS, FleetISIS, IsSIR Revision: 6
Major System: Fuel system Created: 1/9/2018
Current Language: English Last Modified: 9/10/2024
Other Languages: NONE Author: Jeff Polich
Viewed: 6386

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Coding Information

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Title: Cummins L9 EPA 2017 and 2021 Supplemental Fuel System Diagnostics - Racor and Davco Chassis Mounted Fuel Filter

Applies To: Cummins L9

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

09/10/2024 - Responded back that we did not provide part numbers for other micron rating filters
12/03/2018 - Responded to feedback
07/10/2018 - Corrected typo
06/13/2018 - Corrected service part number to 4080114C2
06/04/2018 - Changed filter part number from 2514003C1 to 4080114C2

DESCRIPTION

This document will guide the user through diagnosing Cummins fault 559

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
Cummins Fault Code 559	Injector Metering Rail 1 Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level
SPN 157-18	Injector Metering Rail 1 Pressure - Data Valid But Below Normal Operating Range - Moderately Severe Level

Customer Observations or Concerns:

MIL, low power

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
N/A			

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
SERVICE ELEMENT WITH SEALS	4080114C2	1	

DIAGNOSTIC STEP(s)

Step	Action	Decision
#1	DIAGNOSTIC: Is fault code 157-18 (Cummins 559) active?	Yes. Go to Step 2
		No. Refer to your fault code's related FCAP
Step	Action	Decision
#2	DIAGNOSTIC: Replace fuel filter (if 4080114C1 or 2514003C1) with 4080114C2 and retest for faults/ performance. Is fault code 559 still present after retesting?	Yes. Complete fault code 559 diagnostics. See FCAP link in Symptoms section of article.
		No. Repairs complete

NOTE: That fleet guard filters can be purchased from Navistar PDC's.

Racor				
Filter Housing	Racor 10 Micron Filter Part Number	Navistar or Fleetguard 10 Micron Equivalent	Racor 30 Micron Part Number	Navistar or Fleetguard 30 Micron Equivalent
445R	R45T	FS19734 (Fleetguard) No Navistar part number assigned	R45P	FS19775 (FleetGuard) No Navistar part number assigned
460R	R60T	FS19687 (Fleetguard) No Navistar part number assigned	R60P	FS1287 (FleetGuard) No Navistar part number assigned
490R (Racor) 4079424C92	R90T R33838DCM	4080114C2 (Navistar)	R90P	FS19532 (FleetGuard) No Navistar part number assigned
4125R	R125T	No Cross to Fleetguard or Navistar	R125P	No Cross to FleetGuard or Navistar
4120R (Racor) 3990080C91 (Navistar)	R120T	FS19591 (Fleetguard) 2510993C2 (Navistar)	R120P	FS19754 (FleetGuard) 3739058C1 (Navistar)

Davco

Filter Housing	Fleetguard 7 or 10 Micron Equivalent	Fleetguard 25 Micron Part Number
DP 245	FS20081	N/A
Fuel Pro 382	FS19764 (plus size cover 4.21") FS19727 (Original Size Cover 3.82")	FS19765 (plus size cover 4.21") FS19728 (Original Size Cover 3.82")
Fuel Pro 482 & 483	FS20139 (10 micron) FS19915 (7 micron)	FS19765
Fuel Pro 485, 487, 488	FS20083	Not Offered

REPAIR STEP(s)

N/A- See step in diagnostics

WARRANTY INFORMATION

Not Applicable

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

Chassis	SRT Description	SRT Coding
4300, 4400	Fuel Filter, Replace	KL15-4167T
HX	Fuel Filter, Replace	HX15-4167UT

OTHER RESOURCES

[Master Service Information Site](#)

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Feedback Information

Viewed: 6385

Helpful: 45

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