



TECHNICAL SERVICE BULLETIN

20-2335

2019-2020 Endura Vehicles - Illuminated Malfunction Indicator Lamp (MIL) With Diagnostic Trouble Code (DTC) P2002

06 October
2020

This bulletin supersedes 20-2280. Reason for update: Change to Applicable Vehicle range and Incorrect or Missing Parts

Model:

Ford 2019-2020 Endura	Engine: 2.0L CR TC DSL PANTHER D (EN BC) (R)
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Issue: Some 2019-2020 Endura vehicles may experience an illuminated MIL with DTC P2002.

Action: Should a vehicle present with the above condition, technicians are advised to follow the Service Procedure below. **NOTE:** If multiple DTCs are stored in the Powertrain Control Module (PCM) in addition to P2002, address these DTCs separately after actioning this TSB.

Parts

Service Part Number	Package Order Quantity	Description
HG9Z 9324-C	1	TUBE - FUEL SUPPLY, CYLINDER 1
HG9Z 9324-A	1	TUBE - FUEL SUPPLY, CYLINDER 2
HG9Z 9324-B	2	TUBE - FUEL SUPPLY, CYLINDER 3, CYLINDER 4
GK2Z 9C334 A	2	CLAMP, CYLINDER 2, CYLINDER 1- INJECTOR HOLDER CLAMP
GK2Z 9C334-B	2	CLAMP, CYLINDER 4, CYLINDER 3- INJECTOR HOLDER CLAMP
GK2Z 00812-B	4	STUD, M8 X 48MM- INJECTOR CLAMP BOLT
GK2Q 9K546 AC	4	NOZZLE AND HOLDER - FUEL INJECTOR
J1GZ 5H270 C	1	CATALYST AND PARTICLE FILTER ASSY
W716457-S439	4	BOLT, M16 X 103.5 -SUBFRAME BOLTS
W500545-S439	2	BOLT, M12 X 70MM- LOWER CONTROL ARM RH/LH
W520214-S440	2	NUT, M12, NUT- LOWER CONTROL ARM RH/LH
W705606-S440	2	NUT, M12 X 1.25MM- LINK, RH/LH NUT
W500546-S439	1	BOLT, M12 X 75MM- LOWER TRANS BRACKET BOLT
W520215-S442	2	NUT, M14, NUT- END - SPINDLE ROD CONNECTING, RH /LH OUTER NUT
W712961-S450B	1	BOLT, M8 X 31MM- COLUMN STEERING SHAFT BOLT
W714265-S442	2	NUT ,M10 EXHAUST FLANGE NUT
CCPZ 3B477-B	1	NUT, M22 X 1.5MM-WHEEL HUB NUT
W520102-S442	2	NUT, M8 X 1.25- HALFSHAFT RETAINING NUTS (FWD)
4S4Z-3N324-AA	1	RETAINER -FRONT HALFSHAFT BEARING (FWD)
W719766-S900	5	BOLT, M12 X 40MM- TRANSFER CASE (AWD)
K2GZ 7275 B	1	RETAINER, SNAP RING, 30.5MM - HALFSHAFT (AWD)
E1G3 9451 AA	1	EXHAUST FLANGE GASKET
HU7J-M2C949-AA	As Required	WSS-M2C949-A MERCON® ULV

Labor Times

Description	Operation No.	Time
Replace the Catalyst and Particulate Filter - FWD (Includes Visual Inspection of Exhaust System Related Parts)	202335A	3.5 Hrs.
Replace the Catalyst and Particulate Filter - AWD (Includes Visual Inspection of Exhaust System Related Parts)	202335B	7.0 Hrs.
Replace the High-pressure Fuel Injectors (Includes Retrieve DTCs)	202335C	2.1 Hrs.

Repair/Claim Coding

Causal Part:	5H270
Condition Code:	01

PDR Table

PDR Code	Description	Time
TSB202335A	FWD - Replace the Catalyst and Particulate Filter (Includes Visual Inspection of Exhaust System Related Parts) and Replace the High-pressure Fuel Injectors (Includes Retrieve DTCs)	5.6 Hrs.
TSB202335B	AWD - Replace the Catalyst and Particulate Filter (Includes Visual Inspection of Exhaust System Related Parts) and Replace the High-pressure Fuel Injectors (Includes Retrieve DTCs)	9.1 Hrs.

Service Procedure

- Does the vehicle have P2002 stored in the PCM?
 - No - this TSB does not apply, refer to the Workshop Manual (WSM) for normal diagnostics/repair.
 - Yes - proceed to Step 2.
- Visually inspect the exhaust system for the following (with the ignition OFF):
 - Damaged catalyst and particulate filter assembly
 - Leaks, cracks, or punctures
 - Aftermarket accessories and performance modifications
 - Tailpipe modifications that increase or decrease exhaust restriction
 - Leaks in the particulate filter pressure Bank 1, Sensor 1 sensor connecting hose
 - Leaks in the particulate filter pressure Bank 1, Sensor 2 sensor connecting hose
- Does the vehicle exhibit any of the above concerns?
 - Yes - this TSB does not apply, refer to the WSM for normal diagnostics/repair.
 - No - proceed to Step 4.
- Replace the catalyst and particulate filter assembly and associated single use parts. Refer to WSM Section 309-00.
- Replace the fuel injectors and associated single use parts. Refer to WSM Section 303-04A.
- Clear the PCM DTCs. Evaluate the vehicle to ensure correct operation.

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