



TECHNICAL SERVICE BULLETIN

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

20-2335

 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

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

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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