



Emissions Certification, Homologation & Compliance
Ford Motor Company

1500 Enterprise Drive
Suite 3W-200
Allen Park, MI 48101

November 15, 2024

Mr. Tristin Rojeck
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Rojeck,

Ford Motor Company is hereby notifying EPA of our intention to introduce into production 2025 Running Change 3JK-002 (SFMXT02.73JK Test Group), under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification".

Running Change 3JK-002 introduces the following 2.7L calibration revisions:

New Certification Code	New Calibration
STFDWQND0100	STFDWQND20

New Engine Control Strategy Name: BNVR4

Engine Calibration Changes:

- AGS Freezing APR updates. Raised ambient temperature to disable upper/lower AGS from 1 to 3 deg C to prevent false AGS codes when the vanes might be frozen.
- Disabled all portions of the calibration related to EGR. Engine is removing the EGR system and all it's related components for this JOB2 build.
- Lowered non-CSER torque reserve at 1000-1500 RPM (5-10 Nm) to improve faulted VCT emissions (Intake stuck at home).

Engine OBD Changes:

- EGR diagnostics and associated P-codes turned off.

Parameter	Cal 1	Cal 2
P0401SW	2	0
P0402SW	2	0
P0405SW	2	0
P0406SW	2	0
P044CSW	2	0
P044DSW	2	0
P139ASW	2	0
P139BSW	2	0
P139CSW	2	0
P1408SW	1	0
p0404sw	2	0
p041bsw	2	0
p041csw	2	0
p041dsw	2	0
p04fasw	2	0
p2457sw	2	0

Hardware Changes:

- Delete the listed parts from the engine:
 - TUB ASY E/G/R HOT JT4E-9D477-AC
 - COOL ASY E/G/R JT4E-9F464-AF
 - TUB ASY E/G/R INLT JT4E-9E469-AD
 - VLV ASY E/G/R JT4E-9D460-AD
 - TUB ASY E/G/R COLD JT4E-9E470-AE
 - TRNSDC ASY - E/G/R JT4E-9J433-AC
- Delete EGR coolant hose (EGR cooler no longer present):
 - ML34-9Y439-BC
- VECI Label
 - Part # SW7E-9C485-KNE

This running change is transparent for fuel economy, and tailpipe and evaporative emissions performance, based on development test data and engineering judgment. Additionally, there is no impact to OBD self-certification which remains compliant. Therefore, certification testing was not conducted.

As allowed under 86.1842-01 (b)(ii), Ford has determined that the above addition or change does not cause non-compliance based on an engineering evaluation of the addition or change and/or testing.

Please contact Avi Friedman (afriedm4@ford.com) / (313)590-3505 if you have any questions regarding this submittal.

Sincerely,

DocuSigned by:
Wade Witte
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Wade Witte,
Supervisor – Car/LDT/MDPV Emissions Certification & Durability