



Test Monitoring Center

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Sequence IX Information Letter 21-1
Sequence Number 3
February 16, 2021

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: Sequence IX Surveillance Panel

SUBJECT: 1. Removal of Fuel Specification
2. Alternate Clutch Disc

During the January 26, 2021 Conference call, the Surveillance Panel agreed to the following items:

1. The Sequence IX Surveillance Panel agreed to an updated fuel specification. The panel further agreed that this specification will no longer appear in the Test Method, but would be posted on the TMC website. Sections 6.11.4 and 6.11.4.1 have been revised to remove reference to Table A7.1 and Annex A7 is now deleted.
2. The panel also agreed to allow the use of an alternate clutch disc. Section 7.6.4 has been updated to reference a clutch disc manufactured by Advanced Clutch Technology. New footnotes 18 and 19 have been added to identify sourcing of the clutch components.

These changes are effective January 26, 2021.

These revised text and or section(s) have been highlighted in red and included in the attached. These revisions modify ASTM Test Method D8291.

Michael Deegan
FCSD, Service Product Development, SEO
Ford Motor Company

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceix/procedure_and_ils/il21-1_ix.pdf

Distribution: Email

Revises D8291-20a

6.11.4 Fuel Batch—Ensure each new batch of fuel is accompanied by a certificate of analysis showing that it meets the requirements shown in **Test Fuel Specifications for TMC Monitored Tests, available from the ASTM Test Monitoring Center website: www.astmtmc.org**. Record the fuel batch identification number in the appropriate field in the test report. If co-mingling fuel batches, document the most prevalent fuel batch in the test report. There are no restrictions on the percentages of co-mingled batches but it is always a good practice to minimize the dilution.

6.11.4.1 Fuel from a new batch can be added to a laboratory's fuel tank at any time provided it meets the requirements detailed **in the fuel specification**. (see also 6.11.4.2).

7.6.4 **Utilize** the clutch disc (**4-spring**, Sachs P/N K0047-07¹⁸ or ACT P/N 30000207¹⁹), and the pressure plate, Sachs P/N K0047-07¹⁸. Torque the pressure plate bolts to 25 N*m to 33 N*m. Replace the clutch and pressure plate with every new engine.

¹⁸ Available from online and local parts suppliers, contact Sachs website www.sachspower.com

¹⁹ Available from online and local parts suppliers, contact Advance Clutch Technology website www.advancedclutch.com

Renumber existing footnotes 18 -29 as 20-31

Delete existing Annex A7 and renumber existing Annexes A8 - A12 as A7 - A11.