ASTM Test Monitoring Center

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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 VIB Mailing List

SUBJECT: 1. Additional Spark Plug Part Number
                         2. Replacement of Rear Crankshaft Seal
                         3. Editorial Changes to Precision Statements

1. Recently, the Sequence VIB Surveillance Panel agreed to add MotorCraft spark plug AGSF32FM for this test type. Revised Section 9.3.16.4 of Test Method D6837 is attached.

2. The panel also agreed to allow replacement of the rear crankshaft seal. New Section 9.3.28 is attached.

3. ASTM Section D02.B0.B9 has provided wording to further clarify the application of Intermediate Precision and Reproducibility Limits to individual test results. Revised Sections 14.1.2.1 and 14.1.3.1 are attached.

    These changes are effective July 14, 2004.

Peter Misangyi
Product Engineering
Ford Motor Company

John L. Zalar
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/procedure_and_ils/il04-2.pdf

Distribution: Email

9.3.16.4 *Spark Plugs*—Use spark plugs, Part No. AWSF32C, AWSF32P, AGSF32PB or AGSF32FM. Spark plug gap shall be 1.31 to 1.41 mm (0.052 to 0.056 in.).

9.3.28 *Rear Crankshaft Seal*—The rear crankshaft seal, crankshaft seal housing, or both, may be replaced as needed.

9.3.28.1 If the engine is removed from the stand to replace the seal, seal housing, or both, run a calibration test immediately.

14.1.2.1 *Intermediate Precision Limit (i.p.)*—The difference between two test results obtained under intermediate precision conditions that would in the long run, in the normal and correct conduct of the test method, exceed the values in Table 8 in only one case in twenty. When only a single test result is available, the Intermediate Precision Limit can be used to calculate a range (test result ± Intermediate Precision Limit) outside of which a second test would be expected to fall about one time in twenty.

14.1.3.1 *Reproducibility Limit (R)*—The difference between two test results obtained under reproducibility conditions that would in the long run, in the normal and correct conduct of the test method, exceed the values in Table 8 in only one case in twenty. When only a single test result is available, the Reproducibility Limit can be used to calculate a range (test result ± Reproducibility Limit) outside of which a second test would be expected to fall about one time in twenty.