A Program of ASTM International

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Sequence IIIH Information Letter 18-1
Sequence No. 6
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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 III Mailing List

SUBJECT: 1. Updated PCM Source and Part Number
2. Revisions to Appendix X1

1. During the February 13, 2018 Sequence III Surveillance Panel conference call, it was noted that the PCM is no longer procured through Chrysler, but is now available from IMTS. Also, due to a revision to the software, the part number has changed. Table 1 has been updated to reflect the new part number and to identify IMTS as the supplier.
2. During the February 13, 2018 Sequence III Surveillance Panel conference call the panel approved changes to Appendix X1 to allow for reporting of values >400,000 mPa·s. Section X1.5.2.3(a) has been revised and new sections X1.5.2.3 (d) and X1.5.2.6 (a) have been added to describe how to properly report values >400,000 mPa·s. Additionally, section X1.5.2.6 has been revised to require the MRV tests for reference oils be conducted at -30 °C.

   The attached changes to Test Method D8111-17 are effective with the issuance of this letter.

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Attachments

c: http://www.astmtmc.cmu.edu/ftp/docs/gas/ChryslerIIIH/procedure_and_ils/il18-1_IIIH.pdf

Distribution: Electronic Mail

Modifies Test Method D8111-17 as modified by Information Letters 17-001 through 17-005

TABLE 1 Control-System/Engine-Interface Components

Component Description	Part Number	Supplier[A]
Pump, water, modified, Seq. IIIH Chrysler	OHT3H-300-1	OH Technologies
Coolant crossover, Seq. IIIH Chrysler	OHT3H-302-1	OH Technologies
Adapter, coolant crossover, Seq. IIIH Chrysler	OHT3H-303-1	OH Technologies
Jumper, harness segment, throttle control, Seq. IIIH Chrysler[B]	OHT3H-004-1	OH Technologies
Harness, dyno, Seq. IIIH Chrysler	OHT3H-005-1	OH Technologies
Exhaust turndown pipe drawings	IIIH-ETB30-B	TMC
	IIIH-ETB31-B	
	IIIH-ETB32-B	
	IIIH-ETB40-B	
	IIIH-ETP42-B	
Air cleaner (optional)	04861729AB	Chrysler Dealer
Air resonator	04861731AB	Chrysler Dealer
Air hose (optional)	04861732AB	Chrysler Dealer
Throttle pedal (optional)	68043161AB	Chrysler Dealer
Starter	56029852AA	Chrysler Dealer
O_2 sensor	56029050AA	Chrysler Dealer
Powertrain control module (PCM)	IMTS-161000UC-PCM	International Machine Tool & Service (IMTS)[C]
Manual flywheel (2013 JK)	05184438AB	Chrysler Dealer
J-TEC blowby meter	VF563AA	J-Tec Associates, Inc.
Blowby canister	CCV6000	J-Tec Associates, Inc.

[A] Contact information for the suppliers is given in Appendix X3.
[B] Alternatively an accelerator pedal position (APP) sensor simulator circuit may be used as described in Annex A11.
[C] The sole source of supply known to the committee at this time is International Machine Tool & Service (IMTS) Co., 8460 Ronda Dr., Canton, MI 48187, USA, www.imtsind.com. If you are aware of alternative suppliers, please provide this information to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee,[1] which you may attend.

Replace existing section X1.5.2.3 (a) as follows

(a) Report non-reference oil results >400,000 mPa·s as 400,000 mPa·s and use this value to calculate MRV viscosity. Do not adjust results beyond 400,000 mPa·s, by severity adjustment, correction factor, or both. Report 400,000 mPa·s on form 4. Record both the industry correction factor and severity adjustment as zero on form 4, and note in the comments section on form 11 that both the severity adjustment and industry correction factor used were zero.

Add new X1.5.2.3 (d)

(d) Report non-reference oil results >400,000 mPa·s as >400,000 mPa·s and use 400,000 mPa·s to calculate MRV viscosity. Do not adjust beyond 400,000 mPa·s. In those situations where application of industry correction factor results in a value >400,000 mPa·s, report the result as >400,000 mPa·s.

Revise existing X1.5.2.6

X1.5.2.6 Regardless of the CCS result obtained, perform all reference oil MRV tests at -30ºC.

Add new section X1.5.2.6 (a)

(a) Report reference oil results >400,000 mPa·s as 400,000 mPa·s and use 400,000 mPa·s to calculate MRV viscosity. Do not adjust results beyond 400,000 mPa·s. In those situations where the application of an industry correction factor results in a value >400,000 mPa·s, report as 400,000 mPa·s.

Note – Test Method D4684 indicates that MRV results >400,000 mPa·s should be reported as >400,000 mPa·s.