



<u>Test</u>	<u>Test Method(s):</u>	
Vibration ( <i>cont.</i> )	GMW 16288	Section 3.2.1.2.3
	Chrysler CS-11982	Section 4.2.3
	Chrysler CS-00056	Section 5.4.3
	Chrysler PF-12184	Section 3.1
	Chrysler PF-90135	Section 9.6
	Chrysler PF.90189	Section 5.2
	ISO 16750-3	Section 4.1
	SAE J1455	
	ANSI C136.31	
	Telcordia GR-1221	
	CSA C22.2 No.137	Vibration only
	CSA C22.2 60601-1-11	
	CSA C22.2 60601-1-12	
	UL 844	Vibration only
	NEMA TS 2	Section 2.2.8
ASTM D4169	Limited capability: maximum displacement 2 inches	
Mechanical Shock	MIL-STD-883	Method 2002 TC: A, B
	MIL-STD-810	Section 516



Test

Test Method(s):

Temperature Steady State(cont.)	GMW 15725	Section 4.4 Section 4.5
	GMW 16288	Section 3.2.1.1.3 Section 3.2.1.1.4
	GMW16910	Section 3.5
	Chrysler CS-11982	Section 4.1.1 Section 4.1.2
	Chrysler CS-00056	Section 5.3.1 Section 5.3.2
	Chrysler PF-12184	

<u>Test</u>	<u>Test Method(s):</u>		
Temperature Variation ( <i>cont.</i> )	JEDEC	JESD22-A104 JESD22-A105	
	GMW 3172	Section 9.4.2 Section 9.4.3	
	GM 6139M <sup>2</sup>	Section 3.9	
	Chrysler PF-12032	Section 7.5	
	Chrysler PF-12184	Section 3.3	
	Chrysler PF-90135	Section 9.5	
	ISO 16750-4	Section 5.3	
	SAE J1455		
	Telcordia GR-1221	Section 6.2.3 Section 6.2.7	
	CSA C22.2 60601-1-11		
	CSA C22.2 60601-1-12		
	Humidity	MIL-STD-810	Method 507 STD

<u>Test</u>	<u>Test Method(s):</u>	
Humidity ( <i>cont.</i> )	GMW 3172	Section 9.4.5 Section 9.4.6
	GMW 15725	Section 4.3
	GM 6139M <sup>2</sup>	Section 3.1
	GMW14124	
	GMW14729	
	GMW16910	Section 3.6 Section 3.7
	Chrysler CS-11982	Section 4.1.6 Section 4.1.7
	Chrysler CS-00056	Section 5.3.6 Section 5.3.7
	Chrysler PF-12184	Section 3.6
	Chrysler PF.90189	Section 5.7
	ISO 16750-4	Section 5.6 Section 5.7
	ASTM D2247	
	ASTM D4169	
	CSA C22.2 60601-1-11	
	CSA C22.2 60601-1-12	
Salt Fog / Salt Spray/ Immersion	MIL-STD-883	Method 1009
	MIL-STD-810	Method 509
	MIL-STD-202	Method 101
	IEC 60068-2-11	
	IEC 60068-2-52	
	RTCA/DO-160	
	GMW 3172	Section 9.4.7



Test

Test Method(s):

Impact (*cont.*)

Chrysler PF-11710

Section 4.3

Fluid Compatibility / Resistance

RTCA/DO-160

Hydraulic Fluids / Lubricating Oils  
De-



<u>Test</u>	<u>Test Method(s)</u> :	
Air & Fluid Pressure / Creep ( <i>cont.</i> )	GMW 15310	Section 4.3.1 Section 4.3.5 Section 4.3.6 Section 4.3.9
	GMW 16288	Section 3.2.1.1.2 Section 3.2.1.1.6 Section 3.2.1.2.1 Section 3.2.1.2.2
	Chrysler PF-12032	Section 5.3 Section 5.4 Section 7.3 Section 7.4
	Chrysler PF-12184	Section 4.3.1 Section 4.3.2 Section 4.3.3
	Chrysler PF-90135	Section 7.1 Section 7.3 Section 9.3 Section 9.4 (limited capability: no measurement made)
Joint Air Leakage	Chrysler PF 90230	Section 7.6

<u>Test</u>	<u>Test Method(s):</u>	
Siphoning Test	Chrysler PF.90189	Section 7.5
Contaminated Fluid	Chrysler PF.90189	Section 7.7
Fluid Level Sensor	Chrysler PF.90189	Section 7.8
Endurance	Chrysler PF.90189	Section 9.3.1
Installation Efforts (Duct)	Chrysler PF-90230	Section 7.8
Retention Efforts (Duct)	Chrysler PF-90230	Section 7.9
Condensate Handling (Duct)	Chrysler PF-90230	Section 7.12
Duct Loading/Crush	Chrysler PF-90230	Section 7.13
Dimensional Stability	GMW14325	Section 4.1.9 (Caliper measurement)
	Chrysler PF.90189	Section 6.2.1 (Caliper measurement)
Foam Adhesion	GMW14444	Section 4.5.4
	GMW14892	
	ISO 8510-2	
Pressure Wash	GMW16922	
Tape Adhesion	GM 6139M <sup>2</sup>	Section 3.10
	GMW16910	Section 3.4
	GMW14829	
	ASTM D3359	
Coating Evaluation	ISO 4628-2	
	ISO 4628-8	
	ISO 4628-10	
Performance verification	GMW 3172	Section 6.1
		Section 6.2
		Section 6.3
		Section 6.4
Insulation Test	EN 50155	Section 12.2.9
	IEC 60571	Section 12.2.10

Test

Test Method(s):

Constant Acceleration

MIL-STD-810  
RTCA/DO-160

Method 513

<sup>1</sup>Note: This Laboratory's Scope contains withdrawn, inactive or superseded methods. As a clarifier, this indicates the that applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

<sup>2</sup>When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories.*



A2LA has accredited

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*Chambly, Canada*

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## Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined



*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*