TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

La présente portée d'accréditation existe également en français et est publiée séparément.

Legal Name of Accredited Laboratory:	**Leggett & Platt Automotive – Lakeshore**
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To ensure compliance with the *Official Languages Act*, the Standards Council of Canada (SCC) translated proprietary content from English to French when it was not available in French. In case of discrepancies between the English and French versions, the original version prevails.

SCC File Number:	15373
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Electrical/Electronic Mechanical/Physical
Initial Accreditation:	1999-07-30
Most Recent Accreditation:	2024-12-16
Accreditation Valid to:	2027-07-30

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.
Note: This scope of accreditation is also available in French as a document issued separately.

Canada

MACHINERY

Transportation, Agricultural and Construction Vehicles and Components:

Automobiles, Light Trucks, Vans & Trailers (Vehicle Seating and Assemblies including Lumbar Assemblies and Components, and Tilt Adjuster and Components)

STELLANTIS Global Seat Complete Assembly PF. 90232 (Jun-2022)	Reliability/Durability Requirements. Sec. 9.15 Front Seat Back Lumbar Adjustment System: Operation and Life Test (LP.7P052)
STELLANTIS Global Front Seat Structure PF. 90234 (Dec 2022)	Functional Requirements Sections: 7.12 Manual Lumbar Handle Operating Torque (Lever Design) 7.13 Manual Lumbar Handle Operating Torque (Rotary Design- LP.7P085)-7.14 (Mechanical Power Lumbar Speed of Operation – LP.7P071) 7.20 Manual Lumbar Handle Travel (Lever Design) – LP.7P049) 7.21 (Manual Lumbar Handle Travel (Rotary Design)- LP.7P048) Reliability/Durability Requirements Sections: 9.12 (Power Lumbar Life Cycle – LP.7P052 9.13 (Manual Lumbar Life Cycle Test – LP.7P085)
Ford SDS/ARL ID: Seat Version 117	Sections: * Operating Noise of Power Seat Features - RQT-011000 - 015907 * Seat System Operation at Extreme Temperatures - RQT-011000-015910 * Seat System Jounce Durability - RQT-011000-015931 * Adjustable Seat Back Lumbar, MCS, and Bolsters Life Cycle - RQT011000-015975 * Adjustable Seat Bolster Life Cycle - RQT-011000-015976
Ford SDS/ARL ID: EESYS Version 103	Sections: * Software Short CKT Protection of Outputs - (RQT-191001-009855) - (EC0007) * Power Supply Dropout Management - (RQT-191001-009891) - (EC-0043) * Module Power-Up/Reset Requirements - General Req- (RQT-191001-009897) - (EC-0049) * Low/High Voltage Guaranteed Function/Performance -(RQT-191001- 009906) - (EC-0058) * Load Management - (RQT-191001-009911) - (EC-0063) * Maximum PCB Temperatures - (RQT-191001-009986) -(EC-0238) * Module to Load Interface Verification - (RQT-191001-019788) - (EC-0261)

Ford SDS/ARL ID: ELCOMP Version 55	Sections: * MUX: Local Interconnection Network (LIN) - (RQT-000600-009619) - (EY0136) * E/E System & Component Operating Voltage - (RQT-002600-009624) -(EY-0141)
General Motors 421.15 – Comfort Systems -CG3909	Component Technical Specification - Revision 9.0, December 2024 Sections: 3.3.2.1 - 3.3.3. - 3.3.3.1 - 3.3.3.2 - 3.3.3.3 - 3.3.3.4 - 3.3.3.5 - 3.3.3.6 - 3.3.4.1 - 3.3.4.2 - 3.3.4.3 - 3.5.1.2 - 3.5.1.3 - 3.5.2 - 3.6.2.1 - 3.6.2.2 - 3.6.2.3 - 3.6.2.6 - 3.6.2.9
General Motors GMW3191 3rd Edition, March 2019	Connector Test and Validation Specification Sections: 4.2.8 - 4.2.18 - 4.2.19 - 4.5.2
General Motors GMW14407_ 3rd Edition, September 2020	Lumbar and Lumbar Support Testing
Lear - Latch Actuators Technical Component Specification SPC 1705, A, 6B Mar 2019	LMA High and Low Force Power Actuator LMA HIGH L0408403AA.01.005 LMA LOW L0605925AA.06 60% L05059226AA.06 40% Sections: 3.2.1.1 - 3.2.1.2 - 3.2.1.3 - 3.2.1.4 - 3.2.2.1 - 3.2.2.2 - 3.2.1 - 4.2.3.1 - 4.2.3.2 - 4.2.3.3 - 4.2.3.4 - 4.2.3.5
Hyundai ES 88770-10 Rev 14	Lumbar Support - Operation Sections: 5.1.2 - 5.1.3.1 - 5.1.3.2 - 5.1.3.3 - 5.1.3.4 - 5.1.3.5 - 5.1.4.1 - 5.1.5.1 - 5.1.5.2 - 5.1.5.3 - 5.1.5.4
Hyundai ES 95400-10 Rev 18	Vehicle's Electronical Environment Test Sections: 6.1.1 - 6.2.7 - 6.2.8 - 6.2.10 - 6.5.1 - 6.5.2
Mazda MES PA 57014 Jun 2020 Lumbar Level	Section: 7.4.2 Operational Durability of Lumbar Support
Mazda MES PA 57012 Jun 2020 Lumbar level	Section: 7.3.2 - Seat Strength
Mazda MES PA 57015 Jun 2020 Lumbar level	Section: 7.5.9 - Seat Back Fatigue Test
Mazda MES PW 67601 Apr 2013 Lumbar level	Sections: 7.2.2 - Low Temperature Operation 7.5.1 - High Temperature Durability

Nissan 87000NDS00_38.0	Nissan Seat Design Specification, Sections: 2-10; 3-1-1; 3-5; 3-12; 4-5; 5-16; 5-25; 6-1; 6-2; 6-3; 6-4; 6-5; 6-6. 6-7; 6-8; 6-9; 6-10
Toyota TSF 6106G (TB BSDA1406G)	Test Method for Seat Operation Durability Sections: 5.1 and 5.2
Toyota TSF 6244G (TB BSDA1444)	Durability Test Method for Seat Cushion & Seat Back (150,000 cycles for lumbar) Section: 4
Toyota TSM 0502G (TB BSDM0502)	General Test Method regarding Material Properties for Plastic Parts Sections: 4.1.1 - 4.1.3 - 4.2.2
Toyota TSF 6108 G (TB BSDA1708)	Test Method for Seat Assembly Abnormal Noise Section: Abnormal Noise Test
Toyota TSF 6117G	Test Method for Power Seat Noise
SAE J4002 Feb 2022	H-Point Machine (HPM-II) Specifications and Procedure for H-Point Determination - Auditing Vehicle Seats
SAE J826 Jun 2021	Devices for Use in Defining and Measuring Vehicle Seating Accommodation
0572-ENG-PROC-0041	Lumbar Digitization
0572-ENG-PROC-0040	H-Point Audit
0572-ENG-PROC-0039	Seat Digitization
0572-ENG-PROC-0038	Pressure Distribution Measurement
0572-ENG-PROC-0035	Subjective Ergonomics Evaluation
0572-ENG-PROC-0034	Lumbar Deflection Test
0572-ENG-INSTR-0008	Manual Lumbar Durability Test
0572-ENG-INSTR-0009	Power Lumbar Durability Test
0572-ENG-INSTR-0010	Power Actuator- Springboard Durability Test
0572-ENG-INSTR-0011	Sound Measurement
0572-ENG-INSTR-0012	Sound Test Data Post Processing
0572-ENG-INSTR-0015	Sound Test - Pneumatic Pump
0572-ENG-INSTR-0014	Travel Time, Running & Stall Current Test
0572-ENG-INSTR-0021	Tensile Strength (Push/Pull) Test
0572-ENG-INSTR-0016	Fatigue Test
0572-ENG-INSTR-0017	Lumbar - Hot Set Test and Protrusion Measurement
0572-ENG-INSTR-0018	Jounce Test - Seat Back Durability
0572-ENG-INSTR-0020	Motor Performance Test
0572-ENG-INSTR-0070	Spring Rate & Initial Tension Measurement Test
0572-ENG-INSTR-0022	Cable Load - Force Measurement Test

0572-ENG-INSTR-0023	Displacement Test
0572-ENG-INSTR-0024	Drop Test
0572-ENG-INSTR-0025	Lumbar - Steel Ball Drop Test
0572-ENG-INSTR-0028	Lumbar Basket - Force & Deflection Test
0572-ENG-INSTR-0029	Lumbar Basket – Permanent Set Test
0572-ENG-INSTR-0031	Thermal Cycle Test
0572-ENG-INSTR-0032	Vibration Test (BSR)
0572-ENG-INSTR-0035	Torque Test
0572-ENG-INSTR-0036	Operating Speed Test
0572-ENG-INSTR-0038	Jamming Test
0572-ENG-INSTR-0046	Solenoid and SMA actuator Air Flow Test
0572-ENG-INSTR-0048	Solenoid Temperature Soak Test
0572-ENG-INSTR-0049	Over Voltage Test
0572-ENG-INSTR-0050	Solenoid Startup Voltage Test
0572-ENG-INSTR-0052	Environmental Leakage Test
0572-ENG-INSTR-0053	Burke and Porter Jounce Machine
0572-ENG-INSTR-0055	Fill Time and Flow Rate Measurement Test
0572-ENG-INSTR-0056	Relief Pressure Test
0572-ENG-INSTR-0058	IPVS - Inflation Deflation Test
0572-ENG-INSTR-0059	IPVS - Solenoid Motor PTC Trip time Test
0572-ENG-INSTR-0060	Pneumatic - Air Hose Pull Test
0572-ENG-INSTR-0061	Pneumatic System - Durability Test
0572-ENG-INSTR-0065	Vibration Test
0572-ENG-INSTR-0066	Creep Test
0572-ENG-INSTR-0067	Four Corner Test

Number of Scope Listings: 68

Notes:

ISO/IEC 17025: General Requirements for the Competence of Testing and Calibration Laboratories
STELLANTIS: formerly FCA US LLC (formerly Chrysler Group)
SAE: Society of Automotive Engineers

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at https://scc-ccn.ca/.

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