



Technical Service Bulletin

SUBJECT:		No: TSB-21-13-001	
UPDATES TO MULTIPOINT FUEL INJECTION (MFI) - SERVICE MANUAL REVISION		DATE: October 2021	
		MODEL: 2018 Outlander PHEV	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB provides updated content for the Multiport Fuel Injection (MFI) section of the affected Service Manual, Check at the Engine Control Module ECM).

AFFECTED VEHICLES

- 2018 Outlander PHEV

AFFECTED SERVICE MANUAL

- 2018 Outlander PHEV Service Manual, Group 13-Fuel



Please replace the page in the 2018 Outlander PHEV Service Manual, Group 13-Body -> Fuel Filler Lid section as follows:

- 2018 Outlander PHEV Service Manual, Group 13-Body -> Fuel Filler Lid - Attached sheet 17

**MULTIPOINT FUEL INJECTION (MFI)
MULTIPOINT FUEL INJECTION (MFI) DIAGNOSIS**

13A-579

TERMINAL NO.	TERMINAL CODE	INSPECTION ITEM	INSPECTION CONDITION (ENGINE CONDITION)		NORMAL CONDITION
37	PURG	Evaporative emission purge solenoid	Power supply mode of the electric motor switch: ON		B+
			Continuous idling mode		Voltage drops
40	O2RL	Heated oxygen sensor (rear)	Continuous idling mode		0.6 – 1.5 V
41	ORLE	Heated oxygen sensor (rear) offset voltage	Power supply mode of the electric motor switch: ON		0.4 – 0.6 V
43	FFWU	Refuel system wake up signal	Power supply mode of the electric motor switch: ON (not READY)	Right after the fuel filler lid opener switch is pressed.	B+
				The fuel filler lid opener switch is not pressed.	1 V or less
44	MAP5	Power supply voltage applied to manifold absolute pressure sensor	Power supply mode of the electric motor switch: ON		4.9 – 5.1 V
45	MAP	Manifold absolute pressure sensor	Power supply mode of the electric motor switch: ON	At altitude of 0 m (0 ft.)	3.8 – 4.2 V
				At altitude of 600 m (1,969 ft.)	3.5 – 3.9 V
				At altitude of 1,200 m (3,937 ft.)	3.3 – 3.7 V
				At altitude of 1,800 m (5,906 ft.)	3.0 – 3.4 V
			<ul style="list-style-type: none"> • Engine: warming up • Continuous idling mode 	Release the accelerator pedal	0.6 – 1.4 V
				Engine: revving	Voltage varies
49	EVb	Evaporative emission leak detection pump control	Power supply mode of the electric motor switch: ON		1 V or less <Incorrect>
59	FFDO	Fuel filler lid opener actuator switch	Power supply mode of the electric motor switch: ON (not READY)	Fuel filler lid is closed.	1 V or less
				Fuel filler lid is open.	B+ <Correct> 0.25 - 0.56 V
63	VAPR	Bypass valve	Power supply mode of the electric motor switch: ON		B+