



Technical Service Bulletin

SUBJECT:		No: TSB-17-00-013	
TECHNICAL SPECIFICATIONS – 2018 OUTLANDER PHEV		DATE: December 2017	
		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 type="checkbox"/> WARRANTY PROCESSOR	<input checked="" type="checkbox"/> SALES MANAGER

2018 OUTLANDER PHEV

GASOLINE ENGINE		SEL / GT		ELECTRIC MOTORS		
Type	2.0L MIVEC DOHC, 16-valve, 4 cyl			Front	Rear	
Engine Code	4B11			Type	Twin AC Synchronous Permanent Magnet	
Engine Block/Cylinder Head	Aluminum/Aluminum			Model	S61 / Y61	
Displacement	2.0 L / 1998 cc			Power Output	60kW (max)	
Bore x Stroke (in. / mm)	3.39 x 3.39 / 86.0 x 86.0			Torque Output	137 N-m / 195 N-m	
Horsepower (SAE net@rpm)	117 @ 4500 rpm			MAIN DRIVE BATTERY (300V)		
Torque	137 lb-ft @ 4500 rpm			Type	12 kWh Lithium-Ion (Li-ion), Forced Air Ventilation, w/ Cold Weather Battery Heater	
Compression Ratio	10.5:1			Charging Time	120V / 8A / 120V / 12A / 240V / 30A EVSE 13.0 hrs / 8.0 hrs / 3.5 hrs	
Fuel System	Electronically Controlled Multi-Point Fuel Injection			AUXILIARY BATTERY (12 V, 325 CCA)		
Engine Oil Capacity (w/o filter)	4.5 qt / 4.3 L			Type	S46B24L(S)	
Engine Oil Type	0W-20 Minimum: API Service Standard SN (ILSAC certification)			Generator	70 kW Max Output	
Emissions	SULEV-30			TRANSMISSION		
SUSPENSION				Front (FLEKA)	Single Speed, Drive Mode Switchable Reduction	
Front	Independent MacPherson struts, springs, & stabilizer bar			Rear (F1E1A)	Single Speed, Fixed Reduction	
Rear	Multi-link, coil springs & stabilizer bar			Total Gear Ratio (Front):	Motor - Differential / 9.663 Generator - Engine / 2.737 Engine - Differential / 3.425	
BRAKES				Total Gear Ratio (Rear):	7.065	
Front Ventilated Disc Diameter (w/ twin piston calipers)	11.6 in. / 294 mm			FLUID/COOLANT CAPACITIES		
Rear Solid Disc Diameter	11.9 in. / 302 mm			Fuel Tank	11.3 gal / 43 L	
Anti-Lock Brake System	4-wheel, 4-sensor, 4-channel with EBD and Brake Assist			Front Transaxle Fluid	3.66 qt / 3.46 L	
EXTERIOR DIMENSIONS (in. / mm)				Rear Transaxle Fluid	0.90 qt / 0.85 L	
Wheelbase	105.1 / 2670			Front Motor Fluid	2.3 qt / 2.2 L	
Length	184.8 / 4695			Frnt Motor/Generator Cooler	0.58 gal / 2.2 L	
Width	70.8 / 1800			Rear Motor Coolant	6.9 qt / 6.5 L	
Height	67.3 / 1710			Engine Coolant	7.9 qt / 7.5 L	
Front & Rear Track	60.6 / 1540			Refrigerant (R-1234yf)	18.2 ±0.7 oz / 495-535 g	
Ground Clearance (w/ Muffler Protector)	7.3 / 185.4			Refrigerant Oil (POE)	3.4 oz / 100 mL	
INTERIOR DIMENSIONS (cu. ft.)		SEL		ELECTRIC POWER STEERING		
Passenger Volume	102.1		GT	Ratio	16.7:1	
Estimated Cargo Volume				Turns, Lock - Lock	3.3	
Behind front seats	78			Turning Circle, Curb-Curb (ft/m)	35.6 / 10.9	
Behind 2nd row seats	30.4			WHEELS & TIRES		
PASSENGER SPACE (in./mm)		1st Row		2nd Row		
Headroom (w/ sunroof)	40.6 / 1030 (39.9 / 1014)		38.3 / 973 (38.1 / 968)			
Shoulder Room	56.4 / 1433		56.0 / 1422			
Hip Room	SEL	52.8 / 1341		52.9 / 1344		
	GT	52.6 / 1336		51.9 / 1318		
Leg Room	40.9 / 1039 (max)		37.9 / 963			
Max. Passenger Capacity	5 passengers			WEIGHTS		
WARRANTIES				Curb Weight (lbs/kg)	4178 / 1895	
	Basic	Powertrain	PHEV Components	Main Drive Battery	Anti-corrosion	Roadside Assistance
Yrs	5	10	10	10	7	5
Miles	60,000	100,000	100,000	100,000	100,000	Unlimited
U.S. coverage shown. Coverage may vary according to terms in effect at the time of purchase.						
				EPA FUEL ECONOMY - ESTIMATED RATINGS		
				Total Driving Range		310 mi
				Driving Range: Electricity + Gasoline		22 mi
				Electricity Consumption Rate		45 kWh/100 mi
				Comb. Fuel Economy: Gas Only		25 MPG
				Comb. Fuel Economy: Electricity + Gas		74 MPGe

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