

Technical Service Bulletin

SUBJECT:	No:	TSB-18-00-009				
TECHNIC	DATE:	September 2018				
2019 OUTLANDER SPORT				MODEL: 2019 Outlander Sport		
CIRCULATE TO:	[] GEMANAGER	[X] PARTS MANAGER		[X] TECHNICIAN		
[X] SERVICE ADVISOR	[X] SERVICE MANNERAL AGER	[] WARRANTY PROCESSOR		[X] SALES MANAGER		

2019 OUTLANDER SPORT

Type Engine Code Engine Block/Cylinder Head Displacement Bore x Stroke (in. / mm) Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o file Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co. SAE Passenger Volume SAE Cargo Volume Behind front se Behind 2nd row	pe o filter)	2.0L / 1998 cc 3.4 x 3.4 / 86.0 x 8t 148 @ 6000 rpm 145 lb-ft @ 4200 rp 10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 t W-20 Minimum: API Sc	minum/Aluminu 6.0 3.5 n 1 pm 167 6500 atrolled Multi-Poi tegular Unleaded L C	2.4L / 2360 cc x 3.8 / 88.0 x 97.0 68 @ 6000 rpm lb-ft @ 4100 rpm	1st 2nd 3rd 4th 5th Reverse Final Drive	3.8 1.9 1.3 1.0 0.8 3.5	Ratios 333 213 333 228 320	2.631 -	0.378		
Engine Block/Cylinder Hei Displacement Bore x Stroke (in. / mm) Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	Alur 2.0L / 1998 cc 3.4 x 3.4 / 86.0 x 8t 148 @ 6000 rpm 145 lb-ft @ 4200 rp 10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 t W-20 Minimum: API Sc	6.0 3.5 n 1 pm 167 6500 atrolled Multi-Poi tegular Unleaded L C	m 2.4L / 2360 cc x 3.8 / 88.0 x 97.0 68 @ 6000 rpm lb-ft @ 4100 rpm	2nd 3rd 4th 5th Reverse Final Drive	3.8 1.9 1.3 1.0 0.8 3.5	333 913 333 228 320	2.631 -	0.378		
Displacement Bore x Stroke (in. / mm) Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	2.0L / 1998 cc 3.4 x 3.4 / 86.0 x 8t 148 @ 6000 rpm 145 lb-ft @ 4200 rp 10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 t W-20 Minimum: API Sc	6.0 3.5 n 1 pm 167 6500 atrolled Multi-Poi tegular Unleaded L C	2.4L / 2360 cc x 3.8 / 88.0 x 97.0 68 @ 6000 rpm lb-ft @ 4100 rpm	2nd 3rd 4th 5th Reverse Final Drive	1.9 1.3 1.0 0.8 3.5	913 333 228 320 383	1.96	60		
Bore x Stroke (in. / mm) Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diameter (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	3.4 x 3.4 / 86.0 x 8t 148 @ 6000 rpm 145 lb-ft @ 4200 rp 10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 t W-20 Minimum: API St	6.0 3.5 n 1 pm 167 6500 atrolled Multi-Poi tegular Unleaded L C	x 3.8 / 88.0 x 97.0 68 @ 6000 rpm lb-ft @ 4100 rpm	3rd 4th 5th Reverse Final Drive	1.3 1.0 0.8 3.5	233 28 320 383	1.96	60		
Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	148 @ 6000 rpm 145 lb-ft @ 4200 rp 10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 t W-20 Minimum: API So	pm 167 6500 strolled Multi-Poi tegular Unleaded L C	68 @ 6000 rpm lb-ft @ 4100 rpm	4th 5th Reverse Final Drive	1.0 0.8 3.5	28 320 583	1.96	60		
Horsepower (SAE net@rp Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 I W-20 Minimum: API Si	pm 167 6500 atrolled Multi-Poi Regular Unleaded L L	Ib-ft @ 4100 rpm	5th Reverse Final Drive	0.8 3.5	320 583				
Torque Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o file Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diameter (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	pe o filter)	10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 l W-20 Minimum: API Si	6500 Itrolled Multi-Poi Regular Unleaded L	10.5:1	Reverse Final Drive	3.5	i83				
Redline RPM Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diameter (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	o filter)	10.0:1 Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 l W-20 Minimum: API Si	6500 Itrolled Multi-Poi Regular Unleaded L	10.5:1	Reverse Final Drive	3.5	i83				
Compression Ratio Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (ir Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	o filter)	Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 I W-20 Minimum: API So	tegular Unleaded L L		Final Drive						
Fuel System Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (ir Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	o filter)	Electronically Con R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 I W-20 Minimum: API So	tegular Unleaded L L					235 6.026			
Recommended Fuel Type Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (ir Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	o filter)	R 5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 l W-20 Minimum: API S	tegular Unleaded L L	ar ac nyacton	DATTER						
Engine Oil Capacity (w/o f Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	o filter)	5MT: 4.2 qt / 4.0 CVT: 4.5 qt / 4.3 l W-20 Minimum: API So	L C		Type 75D23L; 12 Volt						
Engine Oil Type Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se		CVT: 4.5 qt / 4.3 l W-20 Minimum: API S	L	5MT: 42 at / 40 L			520				
Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	OV	W-20 Minimum: API S		VT: 4.5 qt / 4.3 L	CCA FLUID/COOLANT CAI						
Emissions Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se			ervice Standard S	N (II SAC certification)	1 EOID/ COOLAITI CAI		2WD 16.6 gal / 63L				
Radiator Core Size SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se		HER 3-BIK	OW-20 Minimum: API Service Standard SN (ILSAC certification) TIER 3-BIN 70 (50S) LEV III - ULEV70		Fuel Tank	AWC	15.8 gal / 60 L				
SUSPENSION Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se		700 m			Transaxle Oil	AVVC	2.6 qt / 2.5 L				
Front Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se		Size 700 mm x 409 mm x 16 mm			Transmission Fluid (CVT)						
Rear BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se		MacPherson strut with stabilizer bar				7.3 qt / 6.9 L					
BRAKES Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc SAE Passenger Volume SAE Cargo Volume Behind front se					Transfer Oil (AWC) Rear Differential Gear Oil		0.5 qt / 0.47 L				
Front Ventilated Disc Diar (w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume		Multi-I	link with stabilize	r bar			0.53 qt / 0.5 L				
(w/ single piston caliper) Rear Solid Disc Diameter Anti-Lock Brake System EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume					Engine Coolant (incl. radiator condenser tank)		7.9 qt / 7.5 L				
Anti-Lock Brake System EXTERIOR DIMENSIONS (ir Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se		1	1.6 in. / 294 mm		Compressor Oil* (SU	2.4 - 1	2.4 - 3.0 fl oz / 70 - 90 mL				
EXTERIOR DIMENSIONS (in Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se	er	1	1.9 in. / 302 mm		Refrigerant (R-1234yf)* 16.9 - 18.3 oz / 480 - 520 g						
Wheelbase Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	n	4-wheel, 4-sensor, 4	4-channel with E	BD & Brake Assist							
Length Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cc. SAE Passenger Volume SAE Cargo Volume Behind front se	(in. / mm)				ELECTRIC POWER ST	EERING					
Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co. SAE Passenger Volume SAE Cargo Volume Behind front se			105.1 / 2670		Overall Ratio 43.69 mm/rev						
Width Height Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (co. SAE Passenger Volume SAE Cargo Volume Behind front se		171.9 / 4365			Turns, Lock - Lock			3.3			
Front & Rear Track Ground Clearance INTERIOR DIMENSIONS (cu SAE Passenger Volume SAE Cargo Volume Behind front se		71.3 / 1810			Turning Circle, Curb-Curb (ft/m)			34.8 / 10.6			
Ground Clearance INTERIOR DIMENSIONS (cu SAE Passenger Volume SAE Cargo Volume Behind front se		64.8 / 1645			WHEELS & TIRES						
Ground Clearance INTERIOR DIMENSIONS (cu SAE Passenger Volume SAE Cargo Volume Behind front se		60.6 / 1540			Wheels (Alum. Alloy)			18 x 7 J			
INTERIOR DIMENSIONS (co SAE Passenger Volume SAE Cargo Volume Behind front se		8.5 / 215		Tires		P225/55 R18					
SAE Passenger Volume SAE Cargo Volume Behind front se	(cu. ft.)				Tire Brand	Nexen					
SAE Cargo Volume Behind front se		97.5		Spare Tire		T155/90D16 110M					
Behind front se		7110		WEIGHTS (lbs/kg)			,				
	seats		49.5		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ES (2WD)	SE/GT (2WD)	ES/SE (AWC)	GT (AWC)		
			21.7		Curb Weight	3109 / 1410	52,01 (2110)	ES/SE (HIVE)	or (mire)		
PASSENGER SPACE (in./m			21.1			3032 / 1375	3142 / 1425	3252 / 1475	3285 / 1490		
PASSENGER SPACE (III.) III		Front Rear		Pear	GVWR	3032 / 1373	4343	3 / 1970			
Headroom		39.4 / 1000 37.9 / 962.7			43437 1970						
Shoulder Room		56.2 / 1428		55.5 / 1410	Weight Distribution (% Front/Rear)	2WD: 60/40	(5MT: 59/41)	AWC: 5	59/41		
Hip Room		52.1 / 1323	51.6 / 1310		(10 TT OTTO, TCOT)						
					EPA FUEL ECONOMY - ESTIMATED RATINGS (mpg)						
Leg Room				The state of the s							
Max. Passenger Capacity			5 passengers			21112 (2112)	City	Hwy	Comb.		
WARRANTIES	ty			25.00000	ES	2WD (5MT)	24 (23)	30 (29)	27 (25)		
Basic	ty	Limited Powertrain	Anti-corrosion	Roadside		AWC	23	29	26		
	lang.			Assistance	SE	2WD	24	30	27		
Years 5	lang.	10	7	5		AWC	23	29	26		
Miles 60,000 U.S. coverage shown. Co	c Lin	100,000	100,000	Unlimited	GT	2WD AWC	23	29 28	25 25		

^{*} R1234yf refrigerant recovery machine (P/N MIT1234YF) can be used with both POE and PAG compressor oil without risk of cross-contamination; refer to User's Manual for proper procedure.