



Technical Service Bulletin

SUBJECT:		No: TSB-19-00-007	
TECHNICAL SPECIFICATIONS - 2020 ECLIPSE CROSS		DATE: July 2019	
		MODEL: 2020 Eclipse Cross	
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

2020 ECLIPSE CROSS

ENGINE		ES / LE / SE / SEL		TRANSMISSION		
Type	1.5L MIVEC + Direct Injection Turbo, 4 cyl			Model Code: F1CJC, W1CJC	Type: 8-Speed CVT w/Sport Mode	
Engine Code	4B40 TC			CVT Automatic Ratios	2.631 - 0.378	
Engine Block/Cylinder Head	Aluminum/Aluminum			1st	2.631	
Displacement	1.5 L / 1499 cc			2nd	1.765	
Bore x Stroke (in. / mm)	2.95 x 3.34 / 75.0 x 84.8			3rd	1.313	
Horsepower (SAE net@rpm)	152 @ 5500 rpm			4th	1.046	
Torque	184 lb-ft @ 2000 - 3500 rpm			5th	0.843	
Redline RPM	6000			6th	0.664	
Compression Ratio	10.0:1			7th	0.518	
Fuel System	DFI (Direct Fuel Injection) & MFI (Multi-Port Fuel Injection)			8th	0.404	
Engine Oil Capacity (w/o filter)	4.5 qt / 4.3 L			Reverse	1.960	
Engine Oil Type	OW-20 Minimum: API Service Standard SN (ILSAC certification)			Final Drive	6.386	
Emissions	TIER 3-BIN 70 (50S) LEV III - ULEV70			BATTERY		
Radiator Core Size	687.3 x 400 x 27			Type	75D23L; 12 Volt	
SUSPENSION				CCA	520	
Front	MacPherson strut with stabilizer bar			FLUID/COOLANT CAPACITIES		
Rear	Multi-link with stabilizer bar			Fuel Tank	2WD 16.6 gal / 63L S-AWC 15.8 gal / 60 L	
BRAKES				Transmission (CVT) Fluid	8.2 qt / 7.8 L	
Front Ventilated Disc Diameter (w/ single piston caliper)	11.6 in. / 294 mm			Transfer Oil (S-AWC)	0.5 qt / 0.47 L	
Rear Solid Disc Diameter	11.9 in. / 302 mm			Rear Differential Gear Oil	0.42 qt / 0.4 L	
Anti-Lock Brake System	4-wheel, 4-sensor, 4-channel with EBD			Compressor Oil (PAG 46A) *	2.4 ±0.3 fl oz / 70 ±20 mL	
EXTERIOR DIMENSIONS (in. / mm)				Refrigerant (R-1234yf)	15.9 ±0.7 oz / 450 ±20 g	
	2WD		S-AWC		Engine Coolant	6.34 qt / 6.0 L
Wheelbase	105.1 / 2670				ELECTRIC POWER STEERING	
Length	173.4 / 4405				Ratio	2WD 14.7:1 S-AWC 14.6:1
Width	71.1 / 1805				Turns, Lock - Lock	2.9
Height	66.3 / 1685		66.5 / 1690		Turning Circle, Curb-Curb (ft/m)	35.0 / 10.7 34.8 / 10.6
Front & Rear Track	60.8 / 1545		60.6 / 1540		WHEELS & TIRES	
Ground Clearance	8.0 / 204		8.5 / 215			
INTERIOR DIMENSIONS (cu. ft.)						
SAE Passenger Volume	94.6 (93.9 w/panoramic roof & subwoofer)					
SAE Cargo Volume						
Behind front seats	48.9 (48.8 w/panoramic roof & subwoofer)					
Behind 2nd row seats	22.6 (22.1 w/panoramic roof & subwoofer)					
PASSENGER SPACE (in./mm)						
	Front		Rear			
Headroom (w/panoramic roof)	39.5 / 1003.3 (39.5/1003.3)		37.3 / 947.4 (36.7/932.2)			
Shoulder Room	56.2 / 1427.5		55.1 / 1399.5			
Hip Room	53.0 / 1346.2		52.0 / 1320.8			
Leg Room	40.9 / 1038.9		35.3 / 896.6			
Max. Passenger Capacity	5 passengers					
WARRANTIES						
	Basic	Limited Powertrain	Anti-corrosion	Roadside Assistance		
Years	5	10	7	5		
Miles	60,000	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 (mpg)		
				City	Hwy	Comb.
2WD:	ES			26	29	27
	LE/SE/SEL			25	28	26
S-AWC:	ES			25	28	26
	LE/SE/SEL			25	26	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.