



Technical Service Bulletin

SUBJECT:		No: TSB-18-00-002	
TECHNICAL SPECIFICATIONS – 2018 ECLIPSE CROSS		DATE: February 2018	
		MODEL: 2018 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

2018 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								
Displacement	1.5 L / 1499 cc			1st	2.631				
Bore x Stroke (in. / mm)	2.95 x 3.34 / 75.0 x 84.8			2nd	1.765				
Horsepower (SAE net@rpm)	152 @ 5500 rpm			3rd	1.313				
Torque	184 lb-ft @ 3500 rpm			4th	1.046				
Redline RPM	6000			5th	0.843				
Compression Ratio	10.0:1			6th	0.664				
Fuel System	DFI (Direct Fuel Injection) & MFI (Multi-Port Fuel Injection)			7th	0.518				
Engine Oil Capacity (w/o filter)	4.5 qt / 4.3 L			8th	0.404				
Engine Oil Type	0W-20 Minimum: API Service Standard SN (ILSAC certification)			Reverse	1.960				
Emissions	TIER 3-BIN 70 (50S) LEV III - ULEV70			Final Drive	6.386				
SUSPENSION		BATTERY							
Front	MacPherson strut with stabilizer bar			Type	75D23L; 12 Volt				
Rear	Multi-link with stabilizer bar			CCA	520				
BRAKES		FLUID/COOLANT CAPACITIES							
Front Ventilated Disc Diameter (w/ single piston caliper)	11.6 in. / 294 mm			Fuel Tank	2WD: 16.6 gal / 63L S-AWC: 15.8 gal / 60 L				
Rear Solid Disc Diameter	11.9 in. / 302 mm			Transmission (CVT) Fluid	8.2 qt / 7.8 L				
Anti-Lock Brake System	4-wheel, 4-sensor, 4-channel with EBD			Transfer Oil (S-AWC)	0.5 qt / 0.47 L				
EXTERIOR DIMENSIONS (in. / mm)				Rear Differential Gear Oil	0.42 qt / 0.4 L				
	2WD		S-AWC	Compressor Oil (PAG 46A) *	2.4 ±0.3 fl oz / 70 ±20 mL				
Wheelbase	105.1 / 2670			Refrigerant (R-1234yf)	15.9 ±0.7 oz / 450 ±20 g				
Length	173.4 / 4405			Engine Coolant	6.34 qt / 6.0 L				
Width	71.1 / 1805			ELECTRIC POWER STEERING					
Height	66.3 / 1685	66.5 / 1690			2WD: 14.7:1 S-AWC: 14.6:1				
Front & Rear Track	60.8 / 1545	60.6 / 1540		Turns, Lock - Lock	2.9				
Ground Clearance	8.0 / 204	8.5 / 215		Turning Circle, Curb-Curb (ft/m)	35.0 / 10.7 34.8 / 10.6				
INTERIOR DIMENSIONS (cu. ft.)		WHEELS & TIRES							
SAE Passenger Volume	94.6 (93.9 w/panoramic roof & subwoofer)				ES	LE	SE/SEL		
SAE Cargo Volume				Wheels (Alum. Alloy)	16 x 6-1/2 J		18 x 7 J		
Behind front seats	48.9 (48.8 w/panoramic roof & subwoofer)			Tires	P215/70R16		P225/55 R18		
Behind 2nd row seats	22.6 (22.1 w/panoramic roof & subwoofer)			Tire Brand	Falken		Bridgestone		
PASSENGER SPACE (in./mm)				Spare Tire	T155/90D16 110M		T155/80D17 100M		
	Front		Rear	WEIGHTS (lbs/kg)					
Headroom (w/panoramic roof)	39.5 / 1003.3 (39.5/1003.3)		37.3 / 947.4 (36.7/932.2)		ES (2WD)	ES (S-AWC)	LE	SE/SEL	
Shoulder Room	56.2 / 1427.5		55.1 / 1399.5	GVWR	4630 / 2100				
Hip Room	53.0 / 1346.2		52.0 / 1320.8	Curb Weight	3307/1500	3450/1565	3483/1580	3516/1595	
Leg Room	40.9 / 1038.9		35.3 / 896.6	Distribution (% Front/Rear)	59 / 41 58 / 42				
Max. Passenger Capacity	5 passengers			EPA FUEL ECONOMY - ESTIMATED RATINGS (mpg)					
WARRANTIES						City	Hwy	Comb.	
	Basic	Limited Powertrain	Anti-corrosion	Roadside Assistance					
Years	5	10	7	5	2WD:	ES	26	29	27
Miles	60,000	100,000	100,000	Unlimited	S-AWC:	ES	25	28	26
U.S. coverage shown. Coverage may vary according to terms in effect at the time of purchase.					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.