



Technical Service Bulletin

SUBJECT:				No: TSB-23-00-006
TECHNICAL SPECIFICATIONS - 2024 ECLIPSE CROSS				DATE: May 2023
				MODEL: 2024 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 checked="" type="checkbox"/> WARRANTY PROCESSOR	<input checked="" type="checkbox"/> SALES MANAGER	

2024 ECLIPSE CROSS						
Feature Description	ES 1.5T S-AWC	LE 1.5T S-AWC	RALLIART 1.5T S-AWC	SE 1.5T S-AWC	SEL 1.5T S-AWC	SEL Special Edition 1.5T S-AWC
Engine						
Type	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged	1.5L MIVEC DOHC 4-cylinder Direct-Injection Turbocharged
Engine Code	4B40 TC	4B40 TC	4B40 TC	4B40 TC	4B40 TC	4B40 TC
Materials	Aluminum block/aluminum cylinder head	Aluminum block/aluminum cylinder head	Aluminum block/aluminum cylinder head	Aluminum block/aluminum cylinder head	Aluminum block/aluminum cylinder head	Aluminum block/aluminum cylinder head
Bore x Stroke	75.0 mm x 84.8 mm	75.0 mm x 84.8 mm	75.0 mm x 84.8 mm	75.0 mm x 84.8 mm	75.0 mm x 84.8 mm	75.0 mm x 84.8 mm
Compression Ratio	10.0:1	10.0:1	10.0:1	10.0:1	10.0:1	10.0:1
Displacement	1.5L / 1,499 cc	1.5L / 1,499 cc	1.5L / 1,499 cc	1.5L / 1,499 cc	1.5L / 1,499 cc	1.5L / 1,499 cc
Horsepower	152 hp @ 5,500 rpm	152 hp @ 5,500 rpm	152 hp @ 5,500 rpm	152 hp @ 5,500 rpm	152 hp @ 5,500 rpm	152 hp @ 5,500 rpm
Torque	184 lb.-ft. @ 2,000-3,500 rpm	184 lb.-ft. @ 2,000-3,500 rpm	184 lb.-ft. @ 2,000-3,500 rpm	184 lb.-ft. @ 2,000-3,500 rpm	184 lb.-ft. @ 2,000-3,500 rpm	184 lb.-ft. @ 2,000-3,500 rpm
Redline RPM	6000	6000	6000	6000	6000	6000
Emissions	TIER 3-BIN 70 (50S) LEV III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70
Engine Oil Type	0W-20	0W-20	0W-20	0W-20	0W-20	0W-20
Recommended Fuel Type	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded
Radiator Core size	687.3x400x27	687.3x400x27	687.3x400x27	687.3x400x27	687.3x400x27	687.3x400x27
Transmission						
8-speed CVT with Sport Mode	STD	STD	STD	STD	STD	STD
CVT Automatic Ratios	2.631 - 0.378	2.631 - 0.378	2.631 - 0.378	2.631 - 0.378	2.631 - 0.378	2.631 - 0.378
1st	2.631	2.631	2.631	2.631	2.631	2.631
2nd	1.765	1.765	1.765	1.765	1.765	1.765
3rd	1.313	1.313	1.313	1.313	1.313	1.313
4th	1.046	1.046	1.046	1.046	1.046	1.046
5th	0.843	0.843	0.843	0.843	0.843	0.843
6th	0.664	0.664	0.664	0.664	0.664	0.664
7th	0.518	0.518	0.518	0.518	0.518	0.518
8th	0.404	0.404	0.404	0.404	0.404	0.404
Reverse	1.960	1.960	1.960	1.960	1.960	1.960
Final Drive	6.386	6.386	6.386	6.386	6.386	6.386
Suspension						
Front	Macpherson strut with stabilizer bar	Macpherson strut with stabilizer bar	Macpherson strut with stabilizer bar	Macpherson strut with stabilizer bar	Macpherson strut with stabilizer bar	Macpherson strut with stabilizer bar
Rear	Multi-link with stabilizer bar	Multi-link with stabilizer bar	Multi-link with stabilizer bar	Multi-link with stabilizer bar	Multi-link with stabilizer bar	Multi-link with stabilizer bar
Steering						
Type	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering
Overall Ratio	14.6	14.6	14.6	14.6	14.6	14.6
Turns, lock to lock	2.9	2.9	2.9	2.9	2.9	2.9
Turning circle	34.8 ft	34.8 ft	34.8 ft	34.8 ft	34.8 ft	34.8 ft
Brakes/ Tires/ Wheels						
Front	Ventilated disc, 11.6 in	Ventilated disc, 11.6 in	Ventilated disc, 11.6 in	Ventilated disc, 11.6 in	Ventilated disc, 11.6 in	Ventilated disc, 11.6 in
Rear	Solid disc, 11.9 in	Solid disc, 11.9 in	Solid disc, 11.9 in	Solid disc, 11.9 in	Solid disc, 11.9 in	Solid disc, 11.9 in
ABS	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD)
Wheels	16 x 6 1/2 J Aluminum alloy	18 x 7 J Black Painted Aluminum alloy	18 x 7 J Black Painted Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy
Tires	P215/70 R16	P225/55 R18	P225/55 R18	P225/55 R18	P225/55 R18	P225/55 R18
Tire Brand	Falken	Bridgestone	Bridgestone	Bridgestone	Bridgestone	Bridgestone
Temporary Spare Tire	T155/90D16 110M	T155/90D16 110M	T155/90D16 110M	T155/80D17 100M	T155/80D17 100M	T155/80D17 100M

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2024 ECLIPSE CROSS CONTINUED						
Feature Description	ES 1.5T S-AWC	LE 1.5T S-AWC	RALLIART 1.5T S-AWC	SE 1.5T S-AWC	SEL 1.5T S-AWC	SEL Special Edition 1.5T S-AWC
Exterior Dimensions						
Wheelbase (inches)	105.1	105.1	105.1	105.1	105.1	105.1
Overall length (inches)	179.0	179.0	179.0	179.0	179.0	179.0
Overall width (inches)	71.1	71.1	71.1	71.1	71.1	71.1
Overall height (inches)	66.5	66.5	66.5	66.5	66.5	66.5
Track, front (inches)	60.6	60.6	60.6	60.6	60.6	60.6
Track, rear (inches)	60.6	60.6	60.6	60.6	60.6	60.6
Ground clearance (inches)	8.5	8.5	8.5	8.5	8.5	8.5
Interior Dimensions						
Head Room (with Panoramic roof)						
Front (inches)	39.5	39.5	39.5	39.5 (39.5)	39.5 (39.5)	39.5 (39.5)
Rear (inches)	37.3	37.3	37.3	37.3 (36.7)	37.3 (36.7)	37.3 (36.7)
Leg room						
Front (inches)	40.9	40.9	40.9	40.9	40.9	40.9
Rear (inches)	37.1	37.1	37.1	37.1	37.1	37.1
Shoulder room						
Front (inches)	56.2	56.2	56.2	56.2	56.2	56.2
Rear (inches)	55.1	55.1	55.1	55.1	55.1	55.1
Hip room						
Front (inches)	53.0	53.0	53.0	53.0	53.0	53.0
Rear (inches)	52.0	52.0	52.0	52.0	52.0	52.0
SAE volume						
SAE passenger volume (with Panoramic roof) (cu ft.)	96.7	96.7	96.7	96.7 (96.0)	96.7 (96.0)	96.7 (96.0)
SAE cargo volume - Behind front seats (with Panoramic roof) (cu ft.)	50.1	50.1	50.1	50.1(49.7)	50.1(49.7)	50.1(49.7)
SAE cargo volume - Behind 2nd row seats (with Panoramic roof) (cu ft.)	23.4	23.4	23.4	23.4 (23.2)	23.4 (23.2)	23.4 (23.2)
Capacities						
Passenger Seating	5	5	5	5	5	5
Fuel	15.8 gallons	15.8 gallons	15.8 gallons	15.8 gallons	15.8 gallons	15.8 gallons
Oil	4.5 qt	4.5 qt	4.5 qt	4.5 qt	4.5 qt	4.5 qt
Towing Capacity (lbs.)	1,500	1,500	1,500	1,500	1,500	1,500
Trailer Tongue Weight (lbs.)	150	150	150	150	150	150
Weights						
Curb Weight (lbs.)	3,428	3,472	3,472	3,505	3,505	3,505
GVWR (lbs.)	4,630	4,630	4,630	4,630	4,630	4,630
Weight distribution	58/42	58/42	58/42	58/42	58/42	58/42
Fuel Economy						
City	25	25	25	25	25	25
Highway	28	26	26	26	26	26
Combined	26	25	25	25	25	25
Warranties						
Basic	5-year / 60,000 miles	5-year / 60,000 miles	5-year / 60,000 miles	5-year / 60,000 miles	5-year / 60,000 miles	5-year / 60,000 miles
Limited Powertrain	10-year / 100,000 miles	10-year / 100,000 miles	10-year / 100,000 miles	10-year / 100,000 miles	10-year / 100,000 miles	10-year / 100,000 miles
Anti-corrosion	7-year / 100,000 miles	7-year / 100,000 miles	7-year / 100,000 miles	7-year / 100,000 miles	7-year / 100,000 miles	7-year / 100,000 miles
Roadside Assistance	5 year / Unlimited miles	5 year / Unlimited miles	5 year / Unlimited miles	5 year / Unlimited miles	5 year / Unlimited miles	5 year / Unlimited miles