

Technical Service Bulletin

SUBJECT:	No:	TSB-21-00-006			
TECH	DATE:	February 2021			
20	MODEL: 2022 Eclipse Cross				
CIRCULATE TO:	[] GENERAL MANAGER	[X] PARTS MANAGER		[X] TECHNICIAN	
[X] SERVICE ADVISOR	[X] SERVICE MANAGER	[] WARRANTY PROCESSO	R	[X] SALES MANAGER	

2022 ECLIPSE CROSS TECHNICAL AND MECHANICAL FEATURES								
Feature Description	ES 1.5T 2WD	ES 1.5T S-AWC	LE 1.5T 2WD	LE 1.5T S-AWC	SE 1.5T 2WD	SE 1.5T S-AWC	SEL 1.5T 2WD	SEL 1.5T S-AWC
ngine								
	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-	1.5L MIVEC DOHC 4-
Туре	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection	cylinder Direct-Injection
Engine Code	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC	Turbocharged 4B40 TC
	Aluminum block/	Aluminum block/	Aluminum block/	Aluminum block/	Aluminum block/	Aluminum block/	Aluminum block/	Aluminum block/
Materials	aluminum cylinder head		aluminum cylinder head	aluminum cylinder head		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	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	10.0:1	10.0:1
Displacement Horsepower	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm	1.5L / 1,499 cc 152 hp @ 5,500 rpm
	184 lbft. @	184 lbft. @	184 lbft. @	184 lbft. @	184 lbft. @	184 lbft. @	184 lbft. @	184 lbft. @
Torque	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm	2,000-3,500 rpm
Redline RPM	6000	6000	6000	6000	6000	6000	6000	6000
Emissions	TIER 3-BIN 70 (50S) LEV III - ULEV70	III - ULEV70	TIER 3-BIN 70 (50S) LEV III - ULEV70	IIER 3-BIN 70 (505) 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	0W-20	0W-20
Recommended Fuel Type	Regular Unleaded	Regular Unleaded	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	687.3x400x27	687.3x400x27
ransmission	677D	6770	670	6770	670	670	67D	
8-speed CVT with Sport Mode	STD	STD	STD	STD	STD	STD	STD	STD
CVT Automatic Ratios 1st	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631	2.631 - 0.378 2.631
2nd	1.765	1.765	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	1.313	1.313
4th	1.046	1.046	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	0.843	0.843
6th	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664
7th 8th	0.518 0.404	0.518 0.404	0.518 0.404	0.518 0.404	0.518 0.404	0.518 0.404	0.518 0.404	0.518 0.404
Reverse	1.960	1.960	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	6.386	6.386
Suspension								
Front	Macpherson strut	Macpherson strut	Macpherson strut	Macpherson strut	Macpherson strut	Macpherson strut	Macpherson strut	Macpherson strut
TIONE	with stabilizer bar	with stabilizer bar	with stabilizer bar	with stabilizer bar	with stabilizer bar	with stabilizer bar	with stabilizer bar	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	Multi-link with stabilizer bar	Multi-link with stabilizer bar
teering	Stabilizer Dai	Stabilizer Dai	Stabilizer bai	Stabilizer Dai	Stabilizer bai	Stabilizer bai	Stabilizer Dai	Stabilizer Dai
Туре	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering
Overall Ratio	14.7	14.6	14.7	14.6	14.7	14.6	14.7	14.6
Turns, lock to lock	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Turning circle	35.0 ft	34.8 ft	35.0 ft	34.8 ft	35.0 ft	34.8 ft	35.0 ft	34.8 ft
Brakes/ Tires/ Wheels	Vantilated 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	Ventilated disc, 11.6 in	Ventilated disc. 11.6 in
Front Rear	Ventilated disc, 11.6 in Solid disc, 11.9 in	Ventilated disc, 11.6 in Solid disc, 11.9 in	Solid disc, 11.9 in	Ventilated disc, 11.6 in Solid disc, 11.9 in	Ventilated disc, 11.6 in Solid disc, 11.9 in	Ventilated disc, 11.6 in Solid disc, 11.9 in	Solid disc, 11.9 in	Solid disc, 11.9 in
Real	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-	4-wheel, 4-channel, 4-
ABS	sensors with Electronic	sensors with Electronic	sensors with Electronic	sensors with Electronic	sensors with Electronic	sensors with Electronic	sensors with Electronic	sensors with Electronic
ADS	Brake-force Distribution	Brake-force Distribution		Brake-force Distribution	Brake-force Distribution	Brake-force Distribution	Brake-force Distribution	Brake-force Distribution
	(EBD)	(EBD)	(EBD)	(EBD)	(EBD)	(EBD)	(EBD)	(EBD)
Wheels	16 x 61/2 J Aluminum alloy	16 x 61/2 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy	18 x 7 J Aluminum alloy
Tires	P215/70 R16	P215/70 R16	P225/55 R18	P225/55 R18	P225/55 R18	P225/55 R18	P225/55 R18	P225/55 R18
Tire Brand	Falken	Falken	Bridgestone	Bridgestone	Bridgestone	Bridgestone	Bridgestone	Bridgestone
Temporary Spare Tire	T155/90D16 110M	T155/90D16 110M	T155/90D16 110M	T155/90D16 110M	T155/80D17 100M	T155/80D17 100M	T155/80D17 100M	T155/80D17 100M
xterior Dimensions								
Wheelbase (inches)	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
Overall length (inches) Overall width (inches)	179.0 71.1	179.0 71.1	179.0 71.1	179.0 71.1	179.0 71.1	179.0 71.1	179.0 71.1	179.0 71.1
Overall height (inches)	66.3	66.5	66.3	66.5	66.3	66.5	66.3	66.5
Track, front (inches)	60.8	60.6	60.8	60.6	60.8	60.6	60.8	60.6
Track, rear (inches)	60.8	60.6	60.8	60.6	60.8	60.6	60.8	60.6
Ground clearance (inches)	8.0	8.5	8.0	8.5	8.0	8.0	8.0	8.5
nterior Dimensions								
Head Room (with Panoramic roof)	39.5	39.5	39.5	39.5	39.5 (39.5)	ZO E (ZO E)	ZO E (ZO E)	ZO E /ZO E)
Front (inches) Rear (inches)	39.5	39.5	39.5	39.5	39.5 (39.5) 37.3 (36.7)	39.5 (39.5) 37.3 (36.7)	39.5 (39.5) 37.3 (36.7)	39.5 (39.5) 37.3 (36.7)
.eg room	5115	5115	5115	5115	5115 (5611)	5115 (5611)	5115 (5011)	5/15 (5011)
Front (inches)	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
Rear (inches)	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
shoulder room								
Front (inches)	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
Rear (inches) lip room	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
Front (inches)	53.0	53.0	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	52.0	52.0
SAE volume								
SAE passenger volume (with	96.7	96.7	96.7	96.7	96.7 (96.0)	96.7 (96.0)	96.7 (96.0)	96.7 (96.0)
Panoramic roof) (cu ft.)		90.7	90.7	90.7	90.7 (90.0)	90.7 (90.0)	90.7 (90.0)	90.7 (90.0)
SAE cargo volume - Behind front seats (with Panoramic roof) (cu	50.1	50.1	50.1	50.1	50.1(49.7)	50.1(49.7)	50.1(49.7)	50.1(49.7)
ft.)	1.00	1.00	1.00	1.00	50.1(49.7)	JU.1(49.7)	50.1(49.7)	JU.1(49.7)
SAE cargo volume - Behind 2nd								
row seats (with Panoramic roof)	23.4	23.4	23.4	23.4	23.4 (23.2)	23.4 (23.2)	23.4 (23.2)	23.4 (23.2)
(cu ft.)								

Copyright 2021 Mitsubishi Motors North America, Inc.

The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (*www.mitsubishitechinfo.com*). (5032)

Page 2 of 2 TSB-21-00-006

2022 ECLIPSE CROSS			TECHNICAL AND MECHANICAL FEATURES CONTINUED					
Feature Description	ES 1.5T 2WD	ES 1.5T S-AWC	LE 1.5T 2WD	LE 1.5T S-AWC	SE 1.5T 2WD	SE 1.5T S-AWC	SEL 1.5T 2WD	SEL 1.5T S-AWC
Engine								
Capacities								
Passenger Seating	5	5	5	5	5	5	5	5
Fuel	16.6 gallons	15.8 gallons	16.6 gallons	15.8 gallons	16.6 gallons	15.8 gallons	16.6 gallons	15.8 gallons
Oil	4.5 qt	4.5 qt	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	1,500	1,500
Trailer Tongue Weight (lbs.)	150	150	150	150	150	150	150	150
Weights								
Curb Weight (lbs.)	3,285	3,428	3,329	3,472	3,362	3,505	3,362	3,505
GVWR (lbs.)	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630
Weight distribution	59/41	58/42	59/41	58/42	59/41	58/42	59/41	58/42
Fuel Economy								
City	26	25	25	25	25	25	25	25
Highway	29	28	28	26	28	26	28	26
Combined	27	26	26	25	26	25	26	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	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	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	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	5 year / Unlimited miles