

# MITSUBISHI MOTORS PROJECTED AVERAGE FUEL ECONOMY

## 2019 PRE MODEL YEAR REPORT

### LIGHT TRUCK

Projected Rounded CAFE	35.1 MPG
Projected Air conditioning fuel consumption improvement value (FCIV <sub>AC</sub> )	0.00036 gallon/mile
Projected Off cycle fuel consumption improvement value (FCIV <sub>OC</sub> )	0.00011 gallon/mile
<b>Projected Average fuel economy <sup>*1</sup></b>	<b>35.7 MPG</b>
<b>Projected Rounded Reformed Standard <sup>*2</sup></b>	<b>35.9 MPG</b>

At this point in time and based on available best present information, the above projection represents Mitsubishi Motors Corporation and Mitsubishi Motors North America, Inc. average fuel economy for the purposes of the Act. Calculations were performed in accordance with the procedures defined in 40 CFR 600.510.

As required by 49 CFR 537.9, estimated fuel economy values are included in this report. These estimated values are for those running changes that have been submitted to the EPA and are currently involved in the running change approval process. These values were obtained from fuel economy data vehicles which were tested in accordance with applicable exhaust emission test procedures and comply with 2019 model year exhaust emission standards as defined in 40 CFR Part 86.

<sup>\*1</sup> Calculations were performed in accordance with the procedures defined in 40 CFR §600.510. FCIV<sub>AC</sub> and FCIV<sub>OC</sub> were calculated using the equation described in 40 CFR §600.510-12(c)(3).

<sup>\*2</sup> 2019MY CAFE standard is defined in 49 CFR 533.5.

Mitsubishi Motors  
Model Type Fuel Economy Data  
 Light Truck  
 2019 Model Year

Inertia Weight Class	Carline Name	Engine	Transmission Class	Model Type Combined MPG	Projected Sales
3500	ECLIPSE CROSS ES 4WD	1.5L L4 T/C	4WD S-CVT	35.7228	[2,709 ]
4000	ECLIPSE CROSS 4WD	1.5L L4 T/C	4WD S-CVT	34.8760	[19,875 ]
3500	OUTLANDER SPORT 4WD	2.0L L4	4WD S-CVT	34.2075	[7,714 ]
3500	OUTLANDER SPORT 4WD	2.4L L4	4WD S-CVT	33.6464	[4,628 ]
3500	OUTLANDER 2WD	2.4L L4	FWD S-CVT	36.8263	[20,915 ]
4000	OUTLANDER 4WD	2.4L L4	4WD S-CVT	34.6769	[15,123 ]
4000	OUTLANDER 4WD	3.0L V6	4WD S6 O/D L/U	29.9080	[2,311 ]

**Total projected Light Truck Sales** [73,275 ]

Notes: 4WD - Four wheel drive  
 2WD - Two wheel drive  
 FWD - Front wheel drive  
 S-CVT - Continuously Variable Transmission with Manual Shift Mode  
 S6 - Automatic/Six-Speed (Lock-Up) with Manual Shift Mode  
 O/D - Over drive  
 L/U - Lock-up  
 T/C - Turbo charged

[REDACTED] VERSION

Information enclosed within BRACKETS is [REDACTED]

**Mitsubishi Motors**  
**Model Type Fuel Economy Data**  
**Light Truck**  
**2019 Model Year**

Inertia Weight Class	Carline Name	Engine	Transmission Class	Projected Sales	A/C Efficiency Credit			Off-cycle Credit			Vehicle lifetime miles (VLM)	
					Reduced reheat, with externally-controlled, fixed-displacement compressor	Internal heat exchanger	Oil separator	Expected CO <sub>2</sub> gram per mile credit	High efficiency exterior lights	Thermal control		Expected CO <sub>2</sub> gram per mile credit
3500	ECLIPSE CROSS ES 4WD	1.5L L4 T/C	4WD S-CVT	[2,709 ]	1.4	1.4	0.7	3.5	0.3	0.7	1.0	225,865
4000	ECLIPSE CROSS 4WD	1.5L L4 T/C	4WD S-CVT	[19,875 ]	1.4	1.4	0.7	3.5	0.3	0.7	1.0	225,865
3500	OUTLANDER SPORT 4WD	2.0L L4	4WD S-CVT	[7,714 ]	1.4		0.7	2.1	0.1	0.4	0.5	225,865
3500	OUTLANDER SPORT 4WD	2.4L L4	4WD S-CVT	[4,628 ]	1.4		0.7	2.1	0.1	0.4	0.5	225,865
3500	OUTLANDER 2WD	2.4L L4	FWD S-CVT	[20,915 ]	1.4	1.4	0.7	3.5	0.3	0.8	1.1	225,865
4000	OUTLANDER 4WD	2.4L L4	4WD S-CVT	[15,123 ]	1.4	1.4	0.7	3.5	0.3	0.8	1.1	225,865
4000	OUTLANDER 4WD	3.0L V6	4WD S6 O/D L/U	[2,311 ]	1.4	1.4	0.7	3.5	0.3	0.8	1.1	225,865

<u>Total</u> [73,275 ]	<u>A/C Efficiency Credit Total</u> 53,023 (Mg)	<u>Off-cycle Credit Total</u> 16,023 (Mg)
	<u>FCIV<sub>AC</sub></u> 0.00036	<u>FCIV<sub>OC</sub></u> 0.00011

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[REDACTED] VERSION



Mitsubishi Motors  
Vehicle Configuration Fuel Economy Data  
 Light Truck  
 2019 Model Year

Inertia Weight	Carline	Engine	Transmission Class	LVW	ETW	Tire	Test Group	SAE kW	SAE HP	Engine Code	Fuel System	Emission Control	N/V Ratio	Road-load HP	Axle Ratio	Vehicle Config. Comb. MPG	Projected Sales
3500	ECLIPSE CROSS ES 4WD	1.5L L4 T/C	4WD S-CVT	3765	3750	P215/70R16	KMTXT01.5G5P KMTXT01.5G5Y	113	152	15DJ-VNA	MPI+DFI	TWC	30.5	13.5	6.39	35.7228	[2,709 ]
4000	ECLIPSE CROSS 4WD	1.5L L4 T/C	4WD S-CVT	3936	3875	P225/55R18	KMTXT01.5G5P KMTXT01.5G5Y	113	152	15DJ-VNA	MPI+DFI	TWC	30.5	14.2	6.39	34.8760	[19,875 ]
3500	OUTLANDER SPORT 4WD	2.0L L4	4WD S-CVT	3603	3625	P215/70R16	KMTXT02.4G5P	110	148	20DE-VEN	MPI	TWC	28.8	13.5	6.03	34.2075	[7,714 ]
3500	OUTLANDER SPORT 4WD	2.4L L4	4WD S-CVT	3628	3625	P225/55R18	KMTXT02.4G5P	125	168	24DA-VEN	MPI	TWC	28.8	13.9	6.03	33.6464	[1,542 ]
3500	OUTLANDER SPORT 4WD	2.4L L4	4WD S-CVT	3603	3625	P215/70R16	KMTXT02.4G5P	125	168	24DA-VEN	MPI	TWC	28.8	13.9	6.03	33.6464 *1	[3,086 ]
3500	OUTLANDER 2WD	2.4L L4	FWD S-CVT	3776	3750	P225/55R18	KMTXT02.4G5Y	124	166	24SB-WNN	MPI	TWC	28.8	12.9	6.03	36.8263	[13,419 ]
3500	OUTLANDER 2WD	2.4L L4	FWD S-CVT	3743	3750	P215/70R16	KMTXT02.4G5Y	124	166	24SB-WNN	MPI	TWC	28.8	12.9	6.03	36.8263 *1	[7,496 ]
4000	OUTLANDER 4WD	2.4L L4	4WD S-CVT	3896	3875	P225/55R18	KMTXT02.4G5Z	124	166	24SB-WNN	MPI	TWC	28.8	13.7	6.03	34.6769	[15,123 ]
4000	OUTLANDER 4WD	3.0L V6	4WD S6 OD L/U	4088	4000	P225/55R18	KMTXT03.0G5P	167	224	30SK-SEN	MPI	TWC	29.1	14.1	3.36	29.9080	[2,311 ]

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LVW - Loaded Vehicle Weight  
 ETW - Equivalent Test Weight  
 MPI - Multi Port Injection  
 DFI - Direct Fuel Injection  
 TWC - Three Way Catalyst

\*1 - The worst fuel economy value of 18 inch tire is applied to the fuel economy of 16 inch tire.

VERSION



Mitsubishi Motors  
Carrying Volume Information and Off Highway Capability Data  
 Light Truck  
 2019 Model Year

Model Name	Carrying Volume Information				Off Highway Capability Data (Applicable : X)					Light Truck (Y or N)
	Passenger Volume [ft3]	Cargo Volume [ft3]	Temporary Living quarters	Frontal Area [ft2]	Approach Angle [deg] ( 28)	Departure Angle [deg] ( 20)	Breakover Angle [deg] ( 14)	Axle Clearance [cm] ( 18)	Minimum Running Clearance [cm] ( 20)	
ECLIPSE CROSS ES 4WD	94.6	19.8	N	27.40	19.6 (-)	29.9	18.7	21.6	21.6	Y
ECLIPSE CROSS 4WD	94.6	19.8	N	27.40	19.6 (-)	29.9	18.7	21.6	21.6	Y
OUTLANDER SPORT 4WD	97.0	17.7	N	26.70	21.1 (-)	33.1	19.6	21.3	21.6	Y
OUTLANDER 4WD	129.4	12.3	N	27.80	19.5 (-)	21.0	19.0	21.6	21.6	Y
OUTLANDER 2WD (16 inch tire) *1	129.4	12.3	N	27.75	19.5 (-)	21.0 (X)	19.0 (X)	21.6 (X)	21.6 (X)	*2
OUTLANDER 2WD (18 inch tire) *1	129.4	12.3	N	27.80	19.5 (-)	21.0 (X)	19.0 (X)	21.6 (X)	21.6 (X)	*2

\*1 : 7 passengers only

\*2 : See below table.

CARLINE	Non-Passenger Automobile Criteria	Applicable : X	Light Truck (Y or N)
OUTLANDER 2WD *1	(1) Transport more than 10 persons.	-	Y
	(2) Provide temporary living quarters.	-	
	(3) Transport property on an open bed.	-	
	(4) Provide, as sold to the first retail purchaser, greater cargo-carrying than passenger-carrying volume, such as in a cargo van; if a vehicle is sold with a second-row seat, its cargo-carrying volume is determined with that seat installed, regardless of whether the manufacturer has described that seat as optional.	-	
	(5) Permit expanded use of the automobile for cargo-carrying purposes or other nonpassenger-carrying purposes through: (i) For non-passenger automobiles manufactured prior to model year 2012, the removal of seats by means installed for that purpose by the automobile's manufacturer or with simple tools, such as screwdrivers and wrenches, so as to create a flat, floor level, surface extending from the forwardmost point of installation of those seats to the rear of the automobile's interior. (ii) For non-passenger automobiles manufactured in model year 2008 and beyond, for vehicles equipped with at least 3 rows of designated seating positions as standard equipment, permit expanded use of the automobile for cargo-carrying purposes or other nonpassenger-carrying purposes through the removal or stowing of foldable or pivoting seats so as to create a flat, leveled cargo surface extending from the forwardmost point of installation of those seats to the rear of the automobile's interior.	-	
		X	

\*1 : 7 passengers only

Mitsubishi Motors  
Footprint Data  
 Light Truck  
 2019 Model Year

Model Name	Body Style/ Vehicle Description	Engine	Trans	4WD Y/N	Tire	Base tire	Track width (xx.x in) by design.			Wheelbase (xxx.x in) by design.			Footprint (xx.x ft <sup>2</sup> )
							Front Value	Rear Value	Average	Driver Side Value	Passenger Side Value	Average	
ECLIPSE CROSS ES	4D SUV	1.5L	S-CVT	Y	P215/70R16	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
ECLIPSE CROSS	4D SUV	1.5L	S-CVT	Y	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER SPORT	4D SUV	2.0L	S-CVT	Y	P215/70R16	X	60.0	60.0	60.0	105.1	105.1	105.1	43.8
OUTLANDER SPORT	4D SUV	2.4L	S-CVT	Y	P215/70R16	X	60.0	60.0	60.0	105.1	105.1	105.1	43.8
OUTLANDER SPORT	4D SUV	2.4L	S-CVT	Y	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER	4D SUV	2.4L	S-CVT	N	P215/70R16	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER	4D SUV	2.4L	S-CVT	N	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER	4D SUV	2.4L	S-CVT	Y	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER	4D SUV	3.0L	S6	Y	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2

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 S6 - Automatic/Six-Speed (Lock-Up) with Manual Shift Mode

Mitsubishi Motors  
Option List  
 Light Truck  
 2019 Model Year

	ECLIPSE CROSS	ECLIPSE CROSS ES	OUTLANDER SPORT	OUTLANDER
Around View Camera	X			
Blind Spot Warning	X			X
Blind Spot Warning & Rear Cross Traffic Alert			X	
Daytime Running Lights			X	
Discharge Headlamp			X	
Elect. Chromic Mirror	X			
Electric Parking Brake	X			
Electric Tail Gate				X
Forward Collision Mitigation, Lane Departure Warning, Automatic High Beam			X	
Head Up Display	X			
Lane Departure Warning	X			
Lane Departure Warning + Adaptive Cruise Control System + Forward Collision Mitigation system				X
Leather Seat				X
LED Headlamp	X			
Leather Seat + Power Seat + Front Seat Heater	X			
Multi Around View Monitor				X
Night & Person Forward Collision Mitigation + Adaptive Cruise Control System	X			
One Touch Start System + Keyless Operation System	X			
Paddle Shift	X			
Power Seat			X	X
Rear Seat Heater	X			
Rear Shelf	X	X		
Rear Spoiler				X
Roof Rail			X	X
R/Cont Mirror W/Fold Cont	X			
Side Protector Molding	X			
Silence Grade Up				X
Silence Package			X	
Sun Roof	X			X

Mitsubishi Motors  
Option List  
 Light Truck  
 2019 Model Year

	<b>ECLIPSE CROSS</b>	<b>ECLIPSE CROSS ES</b>	<b>OUTLANDER SPORT</b>	<b>OUTLANDER</b>
Super All Wheel Control				X
Telematics	X			
Tire Repair Kit				X
1 CD or Display Audio → Premium Audio				X
17 inch Temper Spare Tire	X			
18 inch Aluminum Wheel & Tire		X	X	X

note) X : Optional Equipment. ( more than 33% equipment)