

2016 OUTLANDER		TECHNICAL AND MECHANICAL FEATURES				
Feature Description	2.4 ES 2WD	2.4 SE 2WD	2.4 SE S-AWC	2.4 SEL 2WD	2.4 SEL S-AWC	3.0 GT S-AWC
Engine						
Type	2.4L MIVEC SOHC 16-valve Inline 4-cylinder	2.4L MIVEC SOHC 16-valve Inline 4-cylinder	2.4L MIVEC SOHC 16-valve Inline 4-cylinder	2.4L MIVEC SOHC 16-valve Inline 4-cylinder	2.4L MIVEC SOHC 16-valve Inline 4-cylinder	3.0L MIVEC SOHC 24-valve V6
Engine Code	4J12	4J12	4J12	4J12	4J12	6B31
Materials	Aluminum block/aluminum cylinder heads	Aluminum block/aluminum cylinder heads	Aluminum block/aluminum cylinder heads	Aluminum block/aluminum cylinder heads	Aluminum block/aluminum cylinder heads	Aluminum block/aluminum cylinder heads
Bore x Stroke	88.0 mm x 97.0 mm	88.0 mm x 97.0 mm	88.0 mm x 97.0 mm	88.0 mm x 97.0 mm	88.0 mm x 97.0 mm	87.6 mm x 82.9 mm
Compression Ratio	10.5	10.5	10.5	10.5	10.5	10.5
Displacement	2.4L / 2,360 cc	2.4L / 2,360 cc	2.4L / 2,360 cc	2.4L / 2,360 cc	2.4L / 2,360 cc	3.0L / 2,998 cc
Horsepower	166 @ 6,000 rpm	166 @ 6,000 rpm	166 @ 6,000 rpm	166 @ 6,000 rpm	166 @ 6,000 rpm	224 @ 6,250 rpm
Torque	162 lb-ft @ 4,200 rpm	162 lb-ft @ 4,200 rpm	162 lb-ft @ 4,200 rpm	162 lb-ft @ 4,200 rpm	162 lb-ft @ 4,200 rpm	215 lb-ft @ 3,750 rpm
Redline RPM	6500	6500	6500	6500	6500	6500
Emissions	(FED) LEV-II-ULEV / Tier 2 bin 5 (CAL) LEV-III-ULEV70 / Tier 3 bin 70	(FED) LEV-II-ULEV / Tier 2 bin 5 (CAL) LEV-III-ULEV70 / Tier 3 bin 70	(FED) LEV-II-ULEV / Tier 2 bin 5 (CAL) LEV-III-ULEV70 / Tier 3 bin 70	(FED) LEV-II-ULEV / Tier 2 bin 5 (CAL) LEV-III-ULEV70 / Tier 3 bin 70	(FED) LEV-II-ULEV / Tier 2 bin 5 (CAL) LEV-III-ULEV70 / Tier 3 bin 70	(50S) LEV III ULEV70 / Tier 3 bin 70
Engine Oil type	0W-20	0W-20	0W-20	0W-20	0W-20	0W-20
Recommend Fuel Type	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Premium Unleaded
Transmission						
Continuously Variable Transmission (CVT)	STD	STD	STD	STD	STD	-
6-speed electronic automatic (6AT)	-	-	-	-	-	STD
First	2.631 ~ 0.378	2.631 ~ 0.378	2.631 ~ 0.378	2.631 ~ 0.378	2.631 ~ 0.378	4.199
Second	-	-	-	-	-	2.405
Third	-	-	-	-	-	1.583
Fourth	-	-	-	-	-	1.161
Fifth	-	-	-	-	-	0.855
Sixth	-	-	-	-	-	0.685
Reverse	-	-	-	-	-	3.457
Final Gear Ratio	6.026	6.026	6.026	6.026	6.026	3.36
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	16.7 : 1	16.7 : 1	16.7 : 1	16.7 : 1	16.7 : 1	16.7 : 1
Turns, lock to lock	3.3	3.3	3.3	3.3	3.3	3.3
Turning circle (curb to curb)	34.8 ft	34.8 ft	34.8 ft	34.8 ft	34.8 ft	34.8 ft
Brakes/ Tires/ Wheels						
Front	Ventilated single piston disc, 11.6 in	Ventilated single piston disc, 11.6 in	Ventilated single piston disc, 11.6 in	Ventilated single piston disc, 11.6 in	Ventilated single piston disc, 11.6 in	Ventilated single piston disc, 11.6 in
Rear	Solid single piston disc, 11.9 in	Solid single piston disc, 11.9 in	Solid single piston disc, 11.9 in	Solid single piston disc, 11.9 in	Solid single piston disc, 11.9 in	Solid single piston disc, 11.9 in
ABS	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist	4-wheel, 4-channel, 4-sensors with Electronic Brake-force Distribution (EBD) and Brake Assist
Wheels	18 x 7.0 aluminum alloy	18 x 7.0 aluminum alloy	18 x 7.0 aluminum alloy	18 x 7.0 aluminum alloy	18 x 7.0 aluminum alloy	18 x 7.0 aluminum alloy
Tires	225/55 R18	225/55 R18	225/55 R18	225/55 R18	225/55 R18	225/55 R18

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Exterior Dimensions						
Wheelbase	105.1 in	105.1 in	105.1 in	105.1 in	105.1 in	105.1 in.
Overall length	184.8 in	184.8 in	184.8 in	184.8 in	184.8 in	184.8 in
Overall width	71.3 in.	71.3 in.	71.3 in.	71.3 in.	71.3 in.	71.3 in.
Overall height	66.1 in.	66.1 in.	66.1 in.	66.1 in.	66.1 in.	66.1 in.
Wheel Tread, front	60.6 in.	60.6 in.	60.6 in.	60.6 in.	60.6 in.	60.6 in.
Wheel Tread, rear	60.6 in.	60.6 in.	60.6 in.	60.6 in.	60.6 in.	60.6 in.
Ground clearance	8.5 in.	8.5 in.	8.5 in.	8.5 in.	8.5 in.	8.5 in.
Interior Dimensions						
Head Room (with sunroof)						
Front	40.6 in. (39.9 in.)	40.6 in. (39.9 in.)	40.6 in. (39.9 in.)	40.6 in. (39.9 in.)	40.6 in. (39.9 in.)	40.6 in. (39.9 in.)
2nd row	38.4 in. (37.2 in.)	38.4 in. (37.2 in.)	38.4 in. (37.2 in.)	38.4 in. (37.2 in.)	38.4 in. (37.2 in.)	38.4 in. (37.2 in.)
3rd row	35.7 in. (35.7 in.)	35.7 in. (35.7 in.)	35.7 in. (35.7 in.)	35.7 in. (35.7 in.)	35.7 in. (35.7 in.)	35.7 in. (35.7 in.)
Leg room						
Front (MAX)	40.9 in.	40.9 in.	40.9 in.	40.9 in.	40.9 in.	40.9 in.
2nd row	37.3 in	37.3 in	37.3 in	37.3 in	37.3 in	37.3 in
3rd row	28.2 in	28.2 in	28.2 in	28.2 in	28.2 in	28.2 in
Shoulder room						
Front	56.6 in.	56.6 in.	56.6 in.	56.6 in.	56.6 in.	56.6 in.
2nd row	56.1 in	56.1 in	56.1 in	56.1 in	56.1 in	56.1 in
3rd row	51.4 in.	51.4 in.	51.4 in.	51.4 in.	51.4 in.	51.4 in.
Hip room						
Front	52.6 in.	52.6 in.	52.6 in.	52.6 in.	52.6 in.	52.6 in.
2nd row	51.7 in.	51.7 in.	51.7 in.	51.7 in.	51.7 in.	51.7 in.
3rd row	39.4 in.	39.4 in.	39.4 in.	39.4 in.	39.4 in.	39.4 in.
SAE volume (with sunroof)						
SAE passenger volume	128.2 cubic ft. (125.8)	128.2 cubic ft. (125.8)	128.2 cubic ft. (125.8)	128.2 cubic ft. (125.8)	128.2 cubic ft. (125.8)	128.2 cubic ft. (125.8)
SAE cargo volume - Behind front seats (estimated)	63.3 cubic ft. (61.0)	63.3 cubic ft. (61.0)	63.3 cubic ft. (61.0)	63.3 cubic ft. (61.0)	63.3 cubic ft. (61.0)	63.3 cubic ft. (61.0)
SAE cargo volume - Behind 2nd row seats (estimated)	34.2 cubic ft. (33.0)	34.2 cubic ft. (33.0)	34.2 cubic ft. (33.0)	34.2 cubic ft. (33.0)	34.2 cubic ft. (33.0)	34.2 cubic ft. (33.0)
SAE cargo volume - Behind 3rd row seats (estimated)	10.3 cubic ft.	10.3 cubic ft.	10.3 cubic ft.	10.3 cubic ft.	10.3 cubic ft.	10.3 cubic ft.
Capacities						
Passenger Seating	7	7	7	7	7	7
Fuel	16.6 gallons	16.6 gallons	15.8 gallons	16.6 gallons	15.8 gallons	15.8 gallons
Oil	4.5 quarts	4.5 quarts	4.5 quarts	4.5 quarts	4.5 quarts	4.2 quarts
Tow Capacity (MAX) lbs.	1500	1500	1500	1500	1500	3500
Trailer Tongue Weight (MAX) lbs.	150	150	150	150	150	350
Weights						
Curb Weight	3,318 lbs.	3,340 lbs.	3,494 lbs.	3,340 lbs.	3,494 lbs.	3,593 lbs
GVWR	4,795 lbs.	4,795 lbs.	4,795 lbs.	4,795 lbs.	4,795 lbs.	5,005 lbs.
Weight distribution	56 / 44 (%)	56 / 44 (%)	56 / 44 (%)	56 / 44 (%)	56 / 44 (%)	57 / 43 (%)
Fuel Economy						
City	TBD	TBD	TBD	TBD	TBD	TBD
Highway	TBD	TBD	TBD	TBD	TBD	TBD
Combined	TBD	TBD	TBD	TBD	TBD	TBD
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	STD	STD	STD	STD	STD	STD

Updated: 3/2/2015

Information subject to change without notice