



2016 JEEP® RENEGADE SPECIFICATIONS

2016 Jeep® Renegade SPECIFICATIONS

Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

Body Style	Sport-utility vehicle (SUV)
Assembly Plant	Melfi, Italy
EPA Vehicle Class	Multipurpose vehicle

BODY AND CHASSIS

Layout	Transverse front engine, 4x2 and 4x4
Construction	Steel uniframe

ENGINE: 1.4-LITER TURBOCHARGED MULTI-AIR I-4

Availability	Standard — Renegade Sport (4x2 and 4x4) and Latitude (4x2 and 4x4)
Type and Description	In-line four-cylinder, liquid-cooled, turbocharged
Displacement	83.48 cu. in. (1,368 cc)
Bore x Stroke	2.83 x 3.31 (72.0 x 84.0)
Valve System	Belt-driven, MultiAir, SOHC, 16 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast-iron block with aluminum-alloy head and aluminum-alloy bedplate
Compression Ratio	9.8:1
Maximum Turbo Boost (psi / bar)	22 psi / 2.49 bar
Power (SAE)	160 hp (119 kW) @ 5,500 rpm
Torque (SAE)	184 lb.-ft. (250 N•m) @ 2,500-4,000 rpm
Max. Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	87 octane (R+M)/2 acceptable 91 octane recommended
Oil Capacity	4.0 quarts (3.8 liters) with dry filter
Coolant Capacity	5.5 quarts (5.2 liters)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features



2016 JEEP® RENEGADE SPECIFICATIONS

Fuel Economy	24 / 31 / 27 (4x2 and 4x4)
Towing	Not recommended
Engine Assembly Plant	Termoli, Italy

ENGINE: 2.4-LITER TIGERSHARK WITH MULTIAIR2

Availability	Standard — Renegade Limited (4x2 and 4x4) and Trailhawk (4x4) Available — Renegade Sport and Latitude (4x2 and 4x4)
Type and Description	In-line four-cylinder, 16-valve MultiAir with multipoint fuel injection
Displacement	144 cu. in. (2,360 cc)
Bore x Stroke	3.46 X 3.82 (88 X 97)
Valve System	SOHC, four valves per cylinder
Fuel Injection	Sequential, multipoint, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power (SAE net)	180 hp (134 kW) @ 6,400 rpm
Torque (SAE net)	175 lb.-ft. (237 N•m) @ 3,900 rpm
Max. Engine Speed	6,400 rpm
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.5 quarts (5.2 liters) (total)
Coolant Capacity	6.8 quarts (6.45 liters)
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor
Fuel Economy	22 / 31 / 25 (4x2) 21 / 29 / 24 (4x4)
Towing	2,000 lbs. (907 kg) (not recommended for FWD)
Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich.

TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

Availability	2.4-liter Tigershark engine with MultiAir2 (4x2 or 4x4)
Description	Planetary gear train, transverse layout
Ratio Spread	9.81
Gear Ratios	
1st	4.71
2nd	2.84
3rd	1.91
4th	1.38
5th	1.00
6th	0.81



2016 JEEP® RENEGADE SPECIFICATIONS

7th	0.70
8th	0.58
9th	0.48
Reverse	3.83
Final-drive Ratio	3.734
	4.334 (Trailhawk)

C635 SIX-SPEED MANUAL TRANSMISSION

Availability	1.4-liter MultiAir Turbo engine (4x2 or 4x4)
Description	1st, 2nd, 3rd gear: Triple cone 4th: Double cone
Gear Ratios	
1st	4.154
2nd	2.118
3rd	1.361
4th	0.978
5th	0.756
6th	0.622
Reverse	4.00
Final-drive Ratio	4.438
Overall Top Gear	2.38

4X4 SYSTEMS: JEEP ACTIVE DRIVE, JEEP ACTIVE DRIVE LOW

Availability	Jeep Active Drive is optional on all models Jeep Active Drive Low is standard on Trailhawk
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement Full-time 4x4 mode with active on demand clutch
Operating Modes	Auto 4x2/4x4, Neutral
Center Differential Type	None
Terrain Response	Unique tuning in all terrain modes
Crawl Ratio	20:1 (with Jeep Active Drive Low)

ELECTRICAL SYSTEM

Alternator	150-amp (1.4-liter MultiAir Turbo) 160-amp (2.4-liter Tigershark with MultiAir2)
------------	---

Battery	500-amp (1.4-liter MultiAir Turbo)
	600-amp (2.4-liter Tigershark with MultiAir2)

SUSPENSION

Front	MacPherson strut, coil springs, flat front steel crossmember, high-strength steel double shell lower control arms for 4x4 and high-strength steel mono shell lower control arms for 4x2, stabilizer bar
Rear	Chapman strut, high-strength steel links, isolated steel rear cradle for 4x4 and not-isolated for 4x2, coil springs, stabilizer bar

STEERING

Type	Electric power rack and pinion
Overall Ratio	15.7
Turning Diameter (curb-to-curb)	36.3 (11.07) 4x2 and 4x4 35.3 (10.76) Trailhawk 4x4
Steering Turns (lock-to-lock)	2.68 (4x2 and 4x4) 2.76 (Trailhawk 4x4)

BRAKES

Front	
Size and Type	12 x 1.1 (305 x 28) vented rotor with 2.36 (60) single-piston floating caliper
Swept Area (per caliper)	138.77 sq. in. (895.3 sq. cm), 1 x 60 115.88 sq. in. (747.6 sq. cm), 1 x 57
Rear	
Size and Type	10.95 x 0.47 (278 x 12) solid rotor with 1.5 (38) single-piston floating caliper
Swept Area (per caliper)	101.7 sq. in. (656.4 sq. cm), 1 x 38
Power-assist Type	10 (254) vacuum assist
Four-wheel anti-lock brake system (ABS)	Standard
Electronic stability control (ESC)	Standard
Parking Brake Type	Electric motor on caliper

DIMENSIONS AND CAPACITIES

Wheelbase	101.2 (2,570)
Track, Front	60.6 (1,540)
Track, Rear	60.6 (1,540)
Overall Length	166.6 (4,232)



2016 JEEP® RENEGADE SPECIFICATIONS

Overall Width (with folded side mirrors)	74.2 (1,886.8)
Overall Width (with open side mirrors)	79.6 (2,023.1)
Overall Height	66.5 (1,689)
Load-floor height	29.8 (758)
Sill-step height	19.4 (494) front, 19.6 (497) rear
Ground Clearances	6.7 (170) 4x2
	7.9 (200) 4x4
	8.7 (220) Trailhawk 4x4
Approach Angle, (with air dam) (degrees)	17.9 4x2
	21.0 4x4
	30.5 Trailhawk 4x4
Breakover Angle (degrees)	21.2 4x2
	24.0 4x4
	25.7 Trailhawk 4x4
Departure Angle (degrees)	29.7 4x2
	32.1 4x4
	34.3 Trailhawk 4x4
Curb Weight (kg)	3,044 (1,381) 4x2 and 1.4-liter MultiAir Turbo
	3,183 (1,444) 4x4 and 1.4-liter MultiAir Turbo
	3,187 (1,446) 4x2 and 2.4-liter Tigershark with MultiAir2
	3,348 (1,519) 4x4 and 2.4-liter Tigershark with MultiAir2
	3,573 (1,621) Trailhawk 4x4 with 2.4-liter Tigershark with MultiAir2
Aero Cd	0.35 4x2
	0.36 4x4
	0.37 Trailhawk 4x4
Fuel-tank Capacity	12.7 gal. (48 liters)

ACCOMMODATIONS

Seating Capacity — Front/Rear	2/3
Front Row	
Headroom without Sunroof	41.1 (1,045)
Headroom with Sunroof	39.7 (1,009)
Legroom	41.2 (1,046)
Shoulder Room	55.9 (1,419)
Hip Room	53.1 (1,348)
Seat Travel	9.0 (230) driver / 10.2 (260) front passenger
Recliner Range (degrees)	From 25 nominal, 38 forward and 30 rearward (from vertical 13 forward, 55 rearward)



2016 JEEP® RENEGADE SPECIFICATIONS

SAE Volume (standard roof), cu. ft. (cu. m)	54.8 (1.55)
Second Row	
Headroom	40.5 (1,029)
Legroom	35.1 (891)
Shoulder Room	55.1 (1,400)
Hip Room	51.9 (1,319)
SAE Volume, cu. ft. (cu. m)	45.3 (1.28)
Cargo Access	
Liftover Height	30.2 (766)
Maximum Cargo Width at Liftgate Opening	40.1 (1,020)
Minimum Cargo Width at Liftgate Opening	39.0 (990) at bottom of opening
Maximum Cargo Height at Liftgate Opening	29.5 (749)
Minimum Cargo Height at Liftgate Opening	29.0 (739)
Distance Between Wheelhouse Interior Trim	37.6 (956)
SAE Cargo Volume	
Rear Seats Up, cu. ft. (cu. m)	18.5 (0.525)
Rear Seats Folded, cu. ft. (cu. m)	50.8 (1.440)
EPA Interior Volume Index, cu. ft. (cu. m)	118.6 (3.359)
Behind Rear Seat, cu. ft. (cu. m)	18.5 (0.525) (rear seat at design position)
Behind Front-row Seats with Rear Seats Folded, cu. ft. (cu. m)	50.8 (1.440)
TIRES	
Availability	Standard — Sport / Latitude
Size and Type	215/65R16 BSW All-season
Mfr. and Model	Continental, CrossContact LX Sport
Revs per Mile (km)	749 (464)
Availability	Standard — Latitude (with 2.4-liter Tigershark with MultiAir2)
Size and Type	215/60R17 BSW All-season
Mfr. and Model	Continental, CrossContact LX Sport
Revs per Mile (km)	768 (478)
Availability	Standard — Limited Optional — Latitude
Size and Type	225/55R18 BSW All-season



2016 JEEP® RENEGADE SPECIFICATIONS

Mfr. and Model	Goodyear Eagle Sport or Kumho Crugen
Revs per Mile (km)	729 (452)
Availability	Standard on Trailhawk
Size and Type	215/65R17 OWL All-season
Mfr. and Model	Goodyear Wrangler SRA or Falken WildPeak H/T
Revs per Mile (km)	722 (448)

