

2016 Jeep® Renegade CANADIAN SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in millimetres (inches) 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)
EnerGuide Vehicle Class	Multipurpose vehicle

BODY AND CHASSIS

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

ENGINE: 1.4-LITRE TURBOCHARGED MULTIAIR I-4

Availability	Standard: Renegade Sport (4x2 and 4x4) and North (4x2 and 4x4)
Type and Description	In-line four-cylinder, liquid-cooled, turbocharged
Displacement	1,368 cu. cm (83.48 cu. in.)
Bore x Stroke	72.0 x 84.0 (2.83 x 3.31)
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	160 hp @ 5,500 rpm
Torque	184 lb.-ft. @ 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	3.8 litres (4.0 qt.) with dry filter
Coolant Capacity	5.2 litres (5.5 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	(4x2 and 4x4) 9.9 (29) / 7.5 (38)



2016 JEEP® RENEGADE CANADIAN SPECIFICATIONS

Towing	Not recommended
Engine Assembly Plant	Termoli (Italy)

ENGINE: 2.4-LITRE TIGERSHARK WITH MULTIAIR

Availability	Standard: Renegade Limited (4x2 and 4x4) and Trailhawk (4x4) Available: Renegade Sport and North (4x2 and 4x4)
Type and Description	In-line four-cylinder, 16-valve MultiAir with multiport fuel injection
Displacement	2,360 cu. cm (144 cu. in.)
Bore x Stroke	88 X 97 (3.46 X 3.82)
Valve System	SOHC, four valves per cylinder
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power	180 hp @ 6,400 rpm
Torque	175 lb.-ft. @ 3,900 rpm
Max. Engine Speed	6,400 rpm
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.2 litres (5.5 qt.) (total)
Coolant Capacity	6.45 litres (6.8 qt.)
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor
EnerGuide L/100 km (mpg) Fuel Economy city/hwy	10.8 (26) / 7.7 (37) (4x2) 11.2 (25) / 8.0 (35) (4x4)
Towing	907 kg (2,000 lb.) (not recommended for FWD)
Engine Assembly Plant	Dundee, Michigan (U.S.A.)

TRANSMISSION: 948TE 9-SPEED AUTOMATIC

Availability	2.4-litre Tigershark engine with MultiAir (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
7th	0.70
8th	0.58
9th	0.48
Reverse	3.83
Final-drive Ratio	3.734
	4.334 (Trailhawk)

C635 6-SPEED MANUAL TRANSMISSION

Availability	1.4-litre 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
Centre 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-litre MultiAir Turbo)
	160-amp (2.4-litre Tigershark with MultiAir)
Battery	500-amp (1.4-litre MultiAir Turbo)
	600-amp (2.4-litre Tigershark with MultiAir)

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)	11.07 m (36.3 ft.) 4x2 and 4x4
	10.76 m (35.3 ft.) Trailhawk 4x4
Steering Turns (lock-to-lock)	2.68 (4x2 and 4x4)
	2.76 (Trailhawk 4x4)

BRAKES mm (in.) unless otherwise noted

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



2016 JEEP® RENEGADE CANADIAN SPECIFICATIONS

DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

Wheelbase	2,570 (101.2)
Track, Front	1,540 (60.6)
Track, Rear	1,540 (60.6)
Overall Length	4,232 (166.6)
Overall Width (with folded side mirrors)	1,887 (74.2)
Overall Width (with open side mirrors)	2,023 (79.6)
Overall Height	1,689 (66.5)
Load-floor height	758 (29.8)
Sill-step height	494 (19.4) front, 497 (19.6) rear
Ground Clearances	170 (6.7) 4x2 201 (7.9) 4x4 221 (8.7) 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	1,381 kg (3,044 lb.) 4x2 and 1.4-litre MultiAir Turbo 1,444 kg (3,183 lb.) 4x4 and 1.4-litre MultiAir Turbo 1,446 kg (3,187 lb.) 4x2 and 2.4-litre Tigershark with MultiAir 1,519 kg (3,348 lb.) 4x4 and 2.4-litre Tigershark with MultiAir 1,621 kg (3,573 lb.) Trailhawk 4x4 with 2.4-litre Tigershark with MultiAir
Aero Cd	0.35 4x2 0.36 4x4 0.37 Trailhawk 4x4
Fuel-tank Capacity	48 litres (10.6 imperial gallons.)



2016 JEEP® RENEGADE CANADIAN SPECIFICATIONS

ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity — Front/Rear	2/3
Front Row	
Head Room without Sunroof	1,045 (41.1)
Head Room with Sunroof	1,009 (39.7)
Legroom	1,046 (41.2)
Shoulder Room	1,419 (55.9)
Hip Room	1,348 (53.1)
Seat Travel	230 (9.0) driver / 260 (10.2) front passenger
Recliner Range (degrees)	From 25 nominal, 38 forward and 30 rearward (from vertical 13 forward, 55 rearward)
Volume (standard roof)	1,552 litres (54.8 cu. ft.)
Second Row	
Head Room	1,029 (40.5)
Legroom	892 (35.1)
Shoulder Room	1,400 (55.1)
Hip Room	1,318 (51.9)
Volume	1,283 litres (45.3 cu. ft.)
Cargo Access	
Liftover Height	766 (30.2)
Maximum Cargo Width at Liftgate Opening	1,020 (40.1)
Minimum Cargo Width at Liftgate Opening	990 (39.0) at bottom of opening
Maximum Cargo Height at Liftgate Opening	749 (29.5)
Minimum Cargo Height at Liftgate Opening	739 (29.0)
Distance Between Wheelhouse Interior Trim	956 (37.6)
Cargo Volume	
Rear Seats Up	524 litres (18.5 cu. ft.)
Rear Seats Folded	1,438 litres (50.8 cu. ft.)
EPA Interior Volume Index	3,358 litres (118.6 cu. ft.)
Behind Rear Seat	524 litres (18.5 cu. ft.) (rear seat at design position)
Behind Front-row Seats with Rear Seats Folded	1,438 litres (50.8 cu. ft.)



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TIRES

Availability	Standard on Sport / North
Size and Type	215/65R16 LBL, All-season
Mfr. and Model	Continental, CrossContact LX Sport
Revs per km (mile)	464 (749)
Availability	Standard on North (with 2.4-litre Tigershark with MultiAir)
Size and Type	215/60R17 BSW, All-season
Mfr. and Model	Continental, CrossContact LX Sport
Revs per km (mile)	478 (768)
Availability	Standard on Limited Optional on North
Size and Type	225/55R18 BSW, All-season
Mfr. and Model	Goodyear Eagle Sport or Kumho KL33
Revs per km (mile)	452 (729)
Availability	Standard on Trailhawk
Size and Type	215/65R17 All-terrain
Mfr. and Model	Goodyear Wrangler SRA or Falken WildPeak
Revs per km (mile)	448 (722)

