

# FCA CANADA

## 2020 Dodge Journey

### 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	Four-door; seven-passenger
Assembly Plant	Toluca Assembly, Mexico
EPA Vehicle Class	Sport-utility vehicle
Introduction date	First quarter 2008 as a 2009 model

#### BODY/CHASSIS

Layout	Transverse front engine, front-wheel drive
Construction	Steel unibody

#### ENGINE: 2.4-LITRE DOHC 16-VALVE, VVT, SMPI I-4

Availability	Standard —CVP and Crossroad
Type and Description	Four-cylinder, inline, tuned intake manifold with dual counter-rotating balance shafts and dual variable-valve timing (VVT)
Displacement	2,360 cu cm (144 cu. in.)
Bore x Stroke	88 x 97 (3.46 x 3.82)
Compression Ratio	10.5:1
Power (SAE net, estimated)	172 hp (128 kW) @ 6,000 rpm
Torque (SAE net, estimated)	165 lb.-ft. (224 N•m) @ 4,400 rpm
Maximum Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	4.26 litres (4.5 quarts) with filter; SAE 5W-20
Coolant Capacity	7.5 litres (7.9 quarts) — single-zone climate control
Emission Controls	Single catalytic converter, dual heated oxygen sensors and internal engine features

EnerGuide (2019) Fuel Consumption  
Ratings L/100 km (MPG – imp. gal.)  
(city/hwy/combined)

12.7(22)/9.2(31)/11.1(25)

Based on 2019 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)

Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich.
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### TRANSMISSION: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Standard — CVP and Crossroad
Description	Four-speed overdrive, adaptive electronic control, electronically modulated converter clutch
Gear Ratios	
1st	2.842
2nd	1.57
3rd	1.0
4th	0.69
Reverse	2.21
Final-drive Ratio	4.28
Overall Top-gear	2.95

### DRIVETRAIN

Front-wheel Drive	
Availability	Standard — CVP, Crossroad

### ELECTRICAL SYSTEM

Alternator	160-amp — Standard on all Journey models
Battery	525-amp maintenance-free

### SUSPENSION

Front	Independent MacPherson strut, coil spring over gas-charged shock absorbers, stabilizer bar with isolated suspension cradle
Rear	Multi-link independent with coil springs, stabilizer bar, gas-charged shock absorbers and isolated rear suspension cradle

### STEERING

Type	Power rack and pinion
Overall Ratio	16.45
Turning Diameter (curb-to-curb) (m/ft.)	11.7 (38.5) — 17-in. wheels and tires 11.9 (39.0) — 19-in. wheels and tires
Steering Turns (lock-to-lock)	2.92

P/S pump	Hydraulic
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## **BRAKES**

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### Front

Rotor size and type	330 x 28 (13.0 x 1.1) vented rotor
Caliper size and type	51.0 (2.0) two-piston floating caliper
Swept area, (sq cm / sq. in.)	475 (73.6)

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### Rear

Rotor size and type	328 x 12 (12.9 x 0.47) solid rotor
Caliper size and type	45.0 (1.8) single-piston floating caliper
Swept area, (sq cm / sq. in.)	429 (66.5)

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## **DIMENSIONS AND CAPACITIES**

Wheelbase	2,889.8 (113.8)
Overhang — Front	989.3 (38.9)
Overhang — Rear	1,008.5 (39.7)
Track — Front	1,570.8 (61.8)
Track — Rear	1,581.8 (62.3)
Overall Length	4,887.6 (192.4)
Overall Width	1,834.5 (72.2)
Overall Width with Mirrors	2,127.0 (83.7)
Overall Height	1,692.6 (66.6)
Vehicle Height including Roof Rack Assembly	1,765.2 (69.5)
Drag Coefficient (Cd)	0.366
Fuel Tank Capacity, litres (gallons)	2.4-litre FWD — 77.6 (20.5)
Gross Vehicle Weight Rating (GVWR), kg (lbs.)	
Seven-passenger vehicle, FWD 2.4-litre	2,404 (5,300)
Towing Capabilities, kg (lb.)	
2.4-litre I-4 with Automatic Transaxle	450 (1,000)

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## **ACCOMMODATIONS**

Seating Capacity (front/second/third rows)	2/3/2 standard
EPA Volume Index, litres (cu. ft.)	3,793.75 (133.97) — seven-passenger

Total Interior Passenger Compartment Volume, litres (cu. ft.)	3,502.82 (123.70) — seven-passenger
<b>Front row</b>	
Headroom without Sunroof	1,036.3 (40.8)
Headroom with Sunroof	995.0 (39.2)
Legroom	1,036.3 (40.8)
Shoulder Room	1,459.7 (57.5)
Hip Room	1,366.5 (53.8)
Seat Travel	260 (10.23)
Front Compartment Volume, litres (cu. ft.)	1,568.47 (55.39)
<b>Second row</b>	
Headroom without Sunroof	1,013.0 (39.9)
Headroom with Sunroof	994.8 (39.2)
Legroom	916.7 (36.1)
Couple, First to Second Row	773.8 (30.5)
Shoulder Room	1,444.4 (56.9)
Hip Room	1,381.9 (54.4)
EPA Rear Seat Volume Index or Third row Volume, litres (cu. ft.)	1,248.77 (44.1)
<b>Third row</b>	
Headroom	957.4 (37.7)
Legroom	595.5 (23.4)
Couple, Second to Third Row	765.1 (30.1)
Shoulder Room	1,104.9 (43.5)
Hip Room	1,016.3 (40.0)
Rear Passenger Volume, litres (cu. ft.)	628.63 (22.2)
Cargo Width @ Wheelhouse	1,050.5 (41.4)
Trunk Lifter Height	782.4 (30.8)
<b>Cargo Volume</b>	
Behind First-Row Seat, litres (cu. ft.)	1,914.21 (67.6)
Behind Second-Row Seat, litres (cu. ft.)	1,047.72 (37.0)
Behind Third-Row Seat, litres (cu. ft.)	302.99 (10.7)

## WHEELS

Availability	Standard — CVP
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Type and Material	Steel with wheel covers
Size	17 x 6.5
Availability	Available — CVP
Type and Material	Machined cast-aluminum, five-spoke Gloss Black finish
Size	17 x 6.5
Availability	Standard — Crossroad
Size	19 x 7.0
Type and Material	Machined cast-aluminum, five-spoke Black Noise finish
Availability	Standard — all models
Type and Material	Temporary spare steel wheel
<b>TIRES</b>	
Availability	Standard — CVP
Size and Type	225/65R17 102H, All-season Touring
Model	Nexen N'Priz RH7
Revs per km (mile)	453.8 @100 km/h (728)
Availability	Standard — Crossroad
Size and Type	225/55R19 99H, All-season Touring
Model	Nexen N'Priz RH7
Revs per km (mile)	444.7 @100 km/h (713)
Availability	Standard — all Journey models
Size and Type	T145/70R17 temporary spare tire
Parking Brake Type	Standard — all Journey models
Power-assist Type	230 x 230 (9 x 9) tandem-diaphragm vacuum
Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard
Brake Assist	Standard