

## 2016 Dodge Journey 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	Four-door; five- or seven-passenger
Assembly Plant	Toluca Assembly, Mexico
EPA Vehicle Class	Sport-utility vehicle

### BODY/CHASSIS

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

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

Availability	SE, SXT and Crossroad
Type and Description	Four cylinders in-line, tuned intake manifold with dual counter-rotating balance shafts and dual variable-valve timing
Displacement	144 cu. in. (2,360 cu. cm)
Bore x Stroke	3.46 x 3.82 (88 x 97)
Compression Ratio	10.5:1
Power (SAE net, estimated)	173 hp (129 kW) @ 6,000 rpm (71 hp/liter)
Torque (SAE net, estimated)	166 lb.-ft. (225 N•m) @ 4,000 rpm
Maximum Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	4.5 quarts with filter (4.26 liters) SAE 5W-20
Coolant Capacity	7.9 quarts (7.5 liters) — single-zone climate control
Emission Controls	Single catalytic converter, dual heated oxygen sensors and internal engine features
EPA Fuel Economy mpg (city/hwy)	19/26
Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich.

### ENGINE: 3.6-LITER DOHC 24-VALVE, VVT, SMPI I-4

Availability	SE, AWD, SXT, Crossroad and R/T
Type and Description	60-degree bank angle, liquid-cooled, three-plenum intake manifold with electronically controlled manifold tuning valve and short-runner valves
Displacement	220 cu. in. (3,605 cu. cm)
Bore x Stroke	3.78 x 3.19 (96 x 81)

Compression Ratio	10.2:1
Valve System	DOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multiport, electronic
Power (SAE net, estimated)	283 hp (211 kW) @ 6,350 rpm (67.1 hp/liter)
Torque (SAE net, estimated)	260 lb.-ft. (353 N•m) @ 4,400 rpm
Maximum Engine Speed	6,800 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 Ethanol E85
Oil Capacity	5.5 quarts with filter (5.2 liters) SAE 10W-30 MAF
Coolant Capacity	10.6 quarts (10 liters) — single- or dual-zone climate control 11.6 quarts (11 liters) — tri-zone climate control
Emission Controls	Three-way catalytic converter, electronic EGR, and internal engine features
EPA Fuel Economy mpg (city/hwy)	17/25 FWD; 16/24 AWD
Engine Assembly Plant	Trenton Engine Plant, Trenton, Mich.

**TRANSMISSION: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE**

Availability	SE, SXT and Crossroad with 2.4-liter engine
Description	Four-speed overdrive, adaptive electronic control, electronically modulated converter clutch
Gear Ratios	
1 <sup>st</sup>	2.842
2 <sup>nd</sup>	1.57
3 <sup>rd</sup>	1.0
4 <sup>th</sup>	0.69
Reverse	2.21
Final-drive Ratio	4.28
Overall Top-gear	2.95

**TRANSMISSION: 62TE/62TEA AUTOMATIC SIX-SPEED OVERDRIVE**

Availability	AWD, SE, SXT, Crossroad and R/T with 3.6-liter V-6
Description	Six-speed, adaptive electronic control and electronically modulated torque converter clutch
Gear Ratios	
1 <sup>st</sup>	4.127
2 <sup>nd</sup>	2.842
3 <sup>rd</sup>	2.283
4 <sup>th</sup>	1.452 — Upshift 1.570 — WOT kickdown
5 <sup>th</sup>	1.00
6 <sup>th</sup>	0.690
Reverse	3.214

Transfer Ratio	0.95
Final-drive Ratio	3.16
Overall Top-gear	2.06

**DRIVETRAIN**

Front-wheel Drive	
Availability	SE, SXT, Crossroad and R/T
All-wheel Drive	
Availability	SE, SXT, Crossroad and R/T with 3.6-liter V-6
Type	Electronically controlled coupling (ECC) with variable torque output
Rear Differential	Open

**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, link-type 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) (ft./m)	38.5 (11.7) — 17-in. wheels and tires 39.0 (11.9) — 19-in. wheels and tires
Steering Turns (lock-to-lock)	2.92
P/S pump	Hydraulic

**BRAKES**

Front	
Rotor size and type	13.0 x 1.1 (330 x 28) vented rotor
Caliper size and type	2.0 (51.0) two-piston floating caliper
Swept area, (sq. in. / sq. cm)	73.6 (475)
Rear	
Rotor size and type	12.9 x 0.47 (328 x 12) solid rotor
Caliper size and type	1.8 (45.0) single-piston floating caliper
Swept area, (sq. in. / sq. cm)	66.5 (429)

**DIMENSIONS AND CAPACITIES**

Wheelbase	113.8 (2,889.8)
Overhang — Front	38.9 (989.3)
Overhang — Rear	39.7 (1,008.5)
Track — Front	61.8 (1,570.8)
Track — Rear	62.3 (1,581.8)
Overall Length	192.4 (4,887.6)
Overall Width	72.2 (1,834.5)
Overall Width with Mirrors	83.7 (2,127.0)
Overall Height	66.6 (1,692.6)
Vehicle Height including Roof Rack Assembly	69.5 (1,765.2)
Drag Coefficient (Cd)	0.368
Fuel Tank Capacity, gallons (liters)	2.4-liter and 3.6-liter FWD — 20.5 (77.6) 3.6-liter AWD — 21.1 (79.87)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	
Five-passenger vehicle, FWD 2.4-liter	5,005 (2,270)
Seven-passenger vehicle, FWD 2.4-liter	5,250 (2,381)
Five-passenger vehicle, AWD 3.6-liter	5,600 (2,540)
Seven-passenger vehicle, FWD-3.6-liter	5,475 (2,483)
Seven-passenger vehicle, AWD 3.6-liter	5,600 (2,540)
Towing Capabilities, lbs. (kg)	
2.4-liter I-4 with Automatic Transaxle	1,000 (450)
3.6-liter V-6 with Automatic Transaxle, FWD or AWD	2,500 (1,135)
Curb Weight, Five-passenger Vehicle, Automatic Transaxle lbs. (kg)	
2.4-liter I-4 Federal Engine	FWD — 3,818 (1,735)
3.6-liter V-6 Engine	FWD — 4,054 (1,843) AWD — 4,238 (1,926)

**ACCOMMODATIONS**

Seating Capacity (front/second/third rows)	2/3 standard, 2/3/2 optional
EPA Volume Index, cu. ft. (cu. m)	133.975 (3.794) – seven-passenger 134.552 (3.810) – five-passenger
Total Interior Passenger Compartment Volume, cu. ft. (cu. m)	123.701 (3.503) – seven-passenger 99.614 (2.821) – five-passenger
Front row	
Headroom without Sunroof	40.8 (1,036.3)
Headroom with Sunroof	39.2 (995.0)
Legroom	40.8 (1,036.3)
Shoulder Room	57.5 (1,459.7)

Hip Room	53.8 (1,366.5)
Seat Travel	10.23 (260)
Front Compartment Volume, cu. ft. (cu. m)	55.39 (1.57)
<b>Second row</b>	
Headroom without Sunroof	39.9 (1,013.0)
Headroom with Sunroof	39.2 (994.8)
Legroom	36.1 (916.7)
Couple, First to Second Row	30.5 (773.8)
Shoulder Room	56.9 (1,444.4)
Hip Room	54.4 (1,381.9)
EPA Rear Seat Volume Index or Third row Volume, (cu. ft. / cu. m)	44.1 (1.2)
<b>Third row</b>	
Headroom	37.7 (957.4)
Legroom	23.4 (595.5)
Couple, Second to Third Row	30.1 (765.1)
Shoulder Room	43.5 (1,104.9)
Hip Room	40.0 (1,016.3)
Rear Passenger Volume, (cu. ft. / cu. m)	22.2 (0.63)
Cargo Width @ Wheelhouse	41.4 (1,050.5)
Trunk Lifter Height	30.8 (782.4)
<b>Cargo Volume</b>	
Behind First-Row Seat, cu. ft. (cu. m)	67.6 (1.915)
Behind Second-Row Seat, cu. ft. (cu. m) (5-passenger vehicles)	39.61 (1.121)
Behind Second-Row Seat, cu. ft. (cu. m) (7-passenger vehicles)	37.0 (1.0)
Behind Third-Row Seat, cu. ft. (cu. m)	10.7 (0.3)

**WHEELS**

Availability	Standard — SE
Type and Material	Steel with wheel covers
Size	17 x 6.5
<b>Availability</b>	
Availability	Available — SE
Type and Material	Machined cast-aluminum, five-spoke
Size	17 x 6.5
<b>Availability</b>	
Availability	Standard — SXT
Type and Material	Machined cast-aluminum, twin five-spoke
Size	17 x 6.5

Availability	Standard — R/T Optional — SXT
Type and Material	Machined cast-aluminum, 10-spoke Tech Silver (Optional – SXT), Satin Carbon finish (R/T) or Gloss Black finish (SXT or R/T Blacktop package)
Size	19 x 7.0
Availability	Standard — Crossroad
Type and Material	Machined cast-aluminum, five-spoke Hyper Black finish
Size	19 x 7.0
Availability	Optional — SXT Chrome Package
Type and Material	Chrome-clad cast-aluminum, six-spoke
Size	19 x 7.0
Availability	Standard — all models
Type and Material	Temporary spare steel wheel
<b>TIRES</b>	
Availability	Standard — SE and SXT
Size and Type	P225/65R17, All-season Touring
Model	Kumho Solus KH16
Revs per Mile (km)	725 (471)
Availability	Standard — Crossroad and R/T
Size and Type	225/55R19, All-season Touring
Model	Kumho Solus KH16
Revs per Mile (km)	711 (444)
Availability	Standard — all Journey models
Size and Type	T145/70R17 temporary spare tire
Parking Brake Type	Standard — all Journey models
Power-assist Type	9 x 9 (230 x 230) tandem-diaphragm vacuum
Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard
Brake Assist	Standard

