

2013 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

Vehicle Type	Four-door; five- or seven-passenger
Assembly Plant	Toluca Assembly, Mexico
EPA Vehicle Class	Sport-utility vehicle
Introduction date	Early 2008

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	AVP, SE and SXT
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. (2360 cu. cm)
Bore x Stroke	3.46 x 3.82 (88 x 97)
Compression Ratio	10.5:1
Power (SAE net, estimated)	173 bhp (129 kW) @ 6,000 rpm (71 bhp/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 qt. w/filter (4.26 liter) SAE 5W-20
Coolant Capacity	7.9 qt. (7.5 liter) — 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, MI

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

Availability	SXT, Crew 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	10.0:1

Valve System	DOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multi-port, electronic
Power (SAE net, estimated)	283 bhp (211 kW) @ 6,350 rpm (67.1 bhp/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 qt. w/filter (5.2-liter) SAE 10W-30 MAF
Coolant Capacity	10.6 qt. (10 liter) — single- or dual-zone climate control 11.6 qt. (11 liter) — 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, MI

TRANSMISSION: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	AVP, SE and SXT with 2.4-liter engine
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

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

Availability	SXT, Crew and R/T with 3.6-liter V-6
Description	Six-speed, adaptive electronic control and electronically modulated torque converter clutch
Gear Ratios	
1st	4.127
2nd	2.842
3rd	2.283
4th	1.452 — Upshift 1.570 — WOT kickdown
5th	1.00
6th	0.690
Reverse	3.214
Transfer Ratio	0.95

Final-drive Ratio	3.16
Overall Top-gear	2.06

DRIVETRAIN

Front-wheel Drive	
Availability	AVP, SE, SXT, Crew, and R/T
All-wheel Drive	
Availability	SXT, Crew 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 (2889.8)
Overhang — Front	38.9 (989.3)
Overhang — Rear	39.7 (1008.5)
Track — Front	61.8 (1570.8)
Track — Rear	62.3 (1581.8)
Overall Length	192.4 (4887.6)
Overall Width	72.2 (1834.5)
Overall Width with Mirrors	83.7 (2127.0)
Overall Height	66.6 (1692.6)
Vehicle Height including Roof Rack Assembly	69.5 (1765.2)
Drag Coefficient (Cd)	0.368
Fuel Tank Capacity, (gallons / (L))	2.4-liter and 3.6-liter FWD — 20.5 (77.6) 3.6L AWD — 21.1 (79.87)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	
Five-passenger Vehicle, FWD 2.4-liter	5005 (2270)
Seven-passenger Vehicle, FWD 2.4-liter	5250 (2381)
Five-passenger Vehicle, AWD 3.6-liter	5600 (2540)
Seven-passenger Vehicle, FWD-3.6-liter	5475 (2483)
Seven-passenger Vehicle, AWD 3.6-liter	5600 (2540)
Towing Capabilities, lbs. (kg)	
2.4-liter I-4 with Automatic Transaxle	1000 (450)
3.6-liter V-6 with Automatic Transaxle, FWD or AWD	2500 (1135)
Curb Weight, Five-passenger Vehicle, Automatic Transaxle lbs. (kg)	
2.4-liter I-4 Federal Engine	FWD — 3818 (1735)
3.6-liter V-6 Engine	FWD — 4054 (1843) AWD — 4238 (1926)

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) – 7-passenger / 134.552 (3.810) 5-passenger
Total Interior Passenger Compartment Volume, cu. ft. (cu. m)	123.701 (3.503) – 7-passenger / 99.614 (2.821) 5-passenger
Front row	
Head Room without Sunroof	40.8 (1036.3)
Head Room with Sunroof	39.2 (995.0)
Legroom	40.8 (1036.3)
Shoulder Room	57.5 (1459.7)
Hip Room	53.8 (1366.5)
Seat Travel	10.23 (260)

Front Compartment Volume, cu. ft. (cu. m)	55.39 (1.57)
Second row	
Head Room without Sunroof	39.9 (1013.0)
Head Room with Sunroof	39.2 (994.8)
Legroom	36.1 (916.7)
Couple, First to Second Row	30.5 (773.8)
Shoulder Room	56.9 (1444.4)
Hip Room	54.4 (1381.9)
EPA Rear Seat Volume Index or Third row Volume, (cu. ft. / cu. m)	44.1 (1.2)
Third row	
Head Room	37.7 (957.4)
Legroom	23.4 (595.5)
Couple, Second to Third Row	30.1 (765.1)
Shoulder Room	43.5 (1104.9)
Hip Room	40.0 (1016.3)
Rear Passenger Volume cu. ft. (cu. m)	22.2 (0.63)
Cargo Width @ Wheelhouse	41.4 (1050.5)
Trunk Lifter Height	30.8 (782.4)
Cargo Volume	
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 on AVP and SE
Type and Material	Steel with wheelcovers (late availability)
Size	17 x 6.5
Availability	Standard on SXT
Type and Material	Machined cast-aluminum, twin 5-spoke
Size	17 x 6.5
Availability	Standard on Crew and R/T; optional on SXT
Type and Material	Machined cast-aluminum, 10-spoke satin silver (Standard – Crew; Optional – SXT) or satin carbon finish (standard – R/T)
Size	19 x 7.0



JOURNEY SPECIFICATIONS

Availability	Optional on Crew
Type and Material	Chrome-clad cast-aluminum, 6-spoke
Size	19 x 7.0

Availability	Standard on all models
Type and Material	Temporary spare steel wheel

TIRES

Availability	Standard on AVP, SE and SXT
Size and Type	P225/65R17, All-season Touring
Model	Kumho Solus KH16
Revs per Mile (km)	725 (471)

Availability	Standard on Crew and R/T
Size and Type	225/55R19, All-season Touring
Model	Kumho Solus KH16
Revs per Mile (km)	711 (444)

Availability	Standard on all Journey Models
Size and Type	T145/70 R17 temporary spare tire
Parking Brake Type	Standard on all Journey models
Power-assist Type	9 x 9-in. (230 x 230 mm) tandem-diaphragm vacuum
Four-wheel Anti-lock Brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard
Brake Assist	Standard

• • •