

2012 Dodge Journey

SPECIFICATIONS

NOTE: Information shown is correct at time of publication and is subject to change.

The information shown is based on data available at the time of publication and is subject to change without notice.
 All measurements are in inches (mm) unless otherwise noted.

GENERAL INFORMATION

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

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

Availability	AVP, SE
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 in. (88 x 97 mm)
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 (4.26L) SAE 5W-20
Coolant Capacity	7.9 qt. (7.5L) — single-zone climate control
Emission Controls	Single catalytic converter, dual heated oxygen sensors and internal engine features ¹
EPA Fuel Economy mpg (City/Hwy)	19/26

ENGINE: 3.6-LITER SOHC, 24-VALVE SMPI V-6

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 in. (96 x 81 mm)
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 (5.2L) SAE 10W-30 MAF
Coolant Capacity	10.6 qt. (10L) — single- or dual-zone climate control 11.6 qt. (11L) — tri-zone climate control
Emission Controls	Three-way catalytic converter, electronic EGR and internal engine features ²
EPA Fuel Economy mpg (City/Hwy)	17/25 FWD; 16/24 AWD

TRANSAXLE: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	AVP and SE
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

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

Availability	SXT, Crew and R/T
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
Type	Electronically-controlled coupling (ECC) with variable torque output
Rear Differential	Open

BODY/CHASSIS

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

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)	38.5 ft. (11.7 m) — 16-in. or 17-in. wheels and tires 39.0 ft. (11.9 m) — 19-in. wheels and tires
Steering Turns (lock-to-lock)	2.92

ELECTRICAL

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

BRAKES

Four-wheel anti-lock brakes	Standard on all Journey models
Front	
Size and Type	11.9 x 1.1-in. (302 x 28 mm) vented rotors with 2.6 (66.0) single-piston floating caliper
Swept Area (total front)	231.6 sq. in. (1494 sq. cm)
Rear	
Size and Type	12.0 x 0.47-in. (305 x 12 mm) solid rotors with 1.7 (43.0) single-piston floating caliper
Swept Area (total rear)	216.3 sq in. (1395 sq. cm.)

Power-assist Type	8 x 9-in. (204 x 230 mm) tandem-diaphragm vacuum
Parking Brake Type	Foot lever with integral parking brake

ELECTRONIC CHASSIS CONTROL FEATURES

Four-wheel anti-lock brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard
Trailer-sway Control	Standard
Electronic-roll Mitigation	Standard

DIMENSIONS AND CAPACITIES

General	
Wheelbase	113.8 (2889.8)
Track, Front	61.8 (1570.8)
Track, Rear	62.3 (1581.8)
Overall Length	192.4 (4887.6)
Overhang, Front	38.9 (989.3)
Overhang, Rear	39.7 (1008.5)
Overall Width	72.2 (1834.5)
Body Width, including Mirrors	83.7 (2127.0)
Overall Height (with P225/65R17 tires)	66.6 (1692.6)
Vehicle Height including Roof Rack Assembly Complete (with P225/65R17 tires)	69.5 (1765.2)
Aero	
Cd	0.368
Fuel Tank Capacity, gal. (L)	2.4L and 3.6L FWD — 20.5 (77.6) 3.6L AWD — 21.1 (79.87)
Towing Capabilities, lbs. (kg)	
2.4L I-4 with Automatic Transaxle	1000 (450)
3.6L V-6 with Automatic Transaxle, FWD or AWD	2500 (1135)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	
Five-passenger Vehicle, FWD 2.4l	5005 (2270)
Seven-passenger Vehicle, FWD 2.4l	5250 (2381)
Five-passenger Vehicle, AWD 3.6l	5600 (2540)
Seven-passenger Vehicle, FWD-3.6l	5475 (2483)
Seven-passenger Vehicle, AWD 3.6l	5600 (2540)
Gross Axle Weight Rating (GAWR), lbs. (kg)	
Front Five- and seven-passenger vehicles	2750 (1247)
Rear Five- and seven-passenger vehicles	2900 (1315)

Curb Weight, Five-passenger Vehicle, Automatic Transaxle	
lbs. (kg)	
2.4L I-4 Federal Engine	FWD — 3818 (1735)
3.6L V-6 Engine	FWD — 4054 (1843)
	AWD — 4238 (1926)
ACCOMMODATIONS	
Seating Capacity — F/R	2/3 or 2/3/2
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
First-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	33.6 (853.6)
Legroom, Maximum	36.1 (916.7)
Shoulder Room	56.9 (1444.4)
Hip Room	54.4 (1381.9)
Couple, First to Second Row	30.5 (773.8)
Second Row Compartment Volume, cu. ft. (cu. m)	44.1 (1.2)
Third-Row	
Head Room	37.7 (957.4)
Legroom	23.4 (595.5)
Shoulder Room	43.5 (1104.9)
Hip Room	40.0 (1016.3)
Couple, Second to Third Row	30.1 (765.1)
Rear Compartment Volume, cu. ft. (cu. m)	22.2 (0.63)
Cargo Area	
Liftover Height @ Curb Load	30.8 (782.4)
Cargo Width @ Wheelhouse	41.4 (1050.5)
Maximum Cargo Height	33.1 (841.6)

Cargo Volumes	
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	AVP and SE
Type and Material	Black steel wheel with 6-spoke painted wheel cover
Size	16 x 6.5

Availability	Standard on SXT, optional on SE
Type and Material	Machined cast-aluminum, painted pockets, 5-spoke
Size	17 x 6.5

Availability	Standard on Crew and R/T
Type and Material	Machined cast-aluminum, painted pockets
Size	19 x 7.0

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
Size	16 x 4.0 x 46

TIRES (U.S. AND CANADA)

Availability	Standard on AVP and SE
Size and Type	P225/70R16, All-season
Model	Hankook DynaPro
Revs per Mile (km)	735 (465)

Availability	Standard on 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	T145/80 R16 temporary spare tire

¹ Meets Federal Tier 2, Bin 4+ emission requirements. Meets PZEV NMOG + NOx emission limits under ULEV II for California, Massachusetts, New York, Maine, Vermont, Connecticut, Rhode Island, Pennsylvania, New Jersey, Washington and Oregon. Meets Euro IV emission requirements for Europe.

² Meets Federal Tier 2, Bin 4 emission requirements. Meets ULEV II NMOG + NOx emission limits under ULEV II for California, Massachusetts, New York, Maine, Vermont, Connecticut, Rhode Island, Pennsylvania, New Jersey, Washington and Oregon.

³ Maximum trailer frontal area is 22 sq. ft.

⁴ Maximum trailer frontal area is 30 sq. ft.

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