

2009 Dodge Journey Specifications

The information shown is based on data available at the time of publication (January 2008) 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
U.S. EPA Vehicle Class	Sport-utility vehicle
Engine: 2.4-Liter, DOHC, 16-Valve, VVT, SMPI I4	
Availability	Standard Journey SE
Type and Description	Four cylinders in line, tuned intake manifold with electronic active charge motion control valves, dual counter-rotating balance shafts
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) @ 6000 rpm (71 bhp/liter)
Torque (SAE net, estimated)	166 lb.-ft. (225 N•m) @ 4000 rpm
Maximum Engine Speed	6500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	5.0 qt. (4.7L) SAE 5W-20
Coolant Capacity	7.9 qt. (7.5L) — single- or dual-zone climate control 9.8 qt. (9.3L) — tri-zone climate control
Emission Controls	Single catalytic converter, dual heated oxygen sensors and internal engine features ¹
Engine: 3.5-Liter, SOHC, 24-Valve, SMPI V6	
Availability	Standard — Journey SXT 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	215 cu. in. (3518 cu. cm)
Bore x Stroke	3.78 x 3.19 in. (96 x 81 mm)
Compression Ratio	10.0:1
Valve System	SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multi-port, electronic
Power (SAE net, estimated)	235 bhp (175 kW) @ 6400 rpm (67.1 bhp/liter)
Torque (SAE net, estimated)	232 lb.-ft. (315 N•m) @ 4000 rpm

Maximum Engine Speed	6800 rpm (electronically limited)
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2 — preferred Unleaded regular, 87 octane (R+M)/2 — acceptable
Oil Capacity	6 qt. (5.7L) with dry filter SAE 10W-20
Coolant Capacity	9.8 qt. (9.3L) — single- or dual-zone climate control 12.0 qt. (11.4L) — tri-zone climate control
Emission Controls	Three-way catalytic converter, electronic EGR, and internal engine features ²

Transaxle: 41TES, Automatic Four-speed Overdrive

Availability	Standard with 2.4L 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 with 2.4L engine
Overall Top Gear	2.95 with 2.4L engine

Transaxle: 62TE/62TEA, Automatic Six-speed Overdrive

Availability	62TE standard with FWD 3.5L engine 62TEA standard with AWD 3.5L engine
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	3.43

Overall Top Gear	2.248
Drivetrain	
Front-wheel Drive	
Availability	Standard with all engines
All-wheel Drive	
Availability	Available with 3.5L V6 engine
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	18.6:1
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)	3.3
Electrical	
Battery	525-amp maintenance-free — Standard with all gasoline engines
Alternator	140-amp — Standard with 3.5L gasoline engine 160-amp — Standard with 2.4L gasoline engine and included with seven-passenger vehicles
Brakes	
Four-wheel Anti-lock Disc	Standard on all 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)	55.0 sq. in. (355 sq. cm)
Rear	
Size and Type	12.0 x 0.47 in. (305 x 12 mm) solid rotors with 2.6 (66.0) single-piston floating caliper
Swept Area (total rear)	54.3 sq. in. (350 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 Disk Anti-lock (ABS)	Standard
Electronic Stability Program (ESP)	Standard
All-speed Traction Control	Standard
Trailer Sway Control	Standard
Electronic Roll Mitigation (ERM)	Standard
Dimensions and Capacities	
General	
Wheelbase	113.8 (2890)
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	
CdA	10.6
Cd	0.368
Fuel Tank Capacity, gal. (L)	2.4L and 3.5L FWD — 20.5 (77.6) 3.5L AWD — 21.1 (79.87)
Fuel Economy, NAFTA markets (mpg city, highway) ³	
2.4L Gasoline Engine, FWD	19/25

3.5L Gasoline Engine, FWD	16/23
3.5L Gasoline Engine, AWD	15/22
Towing Capabilities, lbs. (kg)	
2.4L I4 with Auto. Transaxle ⁴	1000 (450)
3.5L V6 with Auto. Transaxle, FWD or AWD, and Trailer Tow Prep Group ⁵	3500 (1600)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	
Five-passenger Vehicle, FWD SE	5005 (2270)
Seven-passenger Vehicle, FWD SXT or R/T	5100 (2313)
Five-passenger Vehicle, AWD	5250 (2380)
Seven-passenger Vehicle, FWD SXT or R/T	5450 (2472)
Seven-passenger Vehicle, AWD	5600 (2540)
Gross Axle Weight Rating (GAWR), lbs. (kg)	
Front Five- and seven-passenger vehicles	2750 (2145)
Rear Five- and seven-passenger vehicles	2900 (1315)
Curb Weight, Five-passenger Vehicle, Automatic Transaxle lbs. (kg) ⁶	
2.4L I4 Federal Engine	Journey SE, FWD — 3801 (1724)
3.5L V6 Engine	Journey SXT, FWD — 4001 (1814) Journey SXT, AWD — 4212 (1910) Journey R/T, FWD — 4064 (1843) Journey R/T, AWD — 4233 (1920)
Accommodations	
Modeled data status as of November 10, 2007. Dimensions represent SXT FWD. Cargo volumes are SAE standard except where noted.	
Seating Capacity — F/R	2/3 or 2/3/2
EPA Volume Index, cu. ft. (cu. m)	136.28 (3.86)
Total Interior Passenger Compartment Volume, cu. ft. (cu. m)	125.62 (3.56)
First-Row	
Head Room without Sunroof	40.8 (1036.3)
Head Room with Sunroof	39.2 (995.0)
Leg Room	40.8 (1036.3)
Shoulder Room	57.5 (1459.7)
Hip Room	53.8 (1366.5)
Seat Travel	10.32 (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)
Leg Room	33.6 (853.6)
Leg Room, 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)	44.15 (1.25)
Third-Row	
Head Room	37.7 (957.4)
Leg Room	23.4 (595.5)
Shoulder Room	51.1 (1298.5)
Hip Room	40.0 (1016.3)
Couple, Second to Third Row	30.1 (765.1)
Rear Compartment Volume, cu. ft. (cu. m)	26.09 (.74)
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)	67.64 (1.915)
Behind Second Row Seat, cu. ft. (cu. m) (five-passenger vehicles)	39.61 (1.121)
Behind Second Row Seat, cu. ft. (cu. m) (seven-passenger vehicles)	37.05 (1.049)
Behind Third Row Seat, cu. ft. (cu. m)	10.66 (0.302)
Wheels	
Availability	Standard — Journey SE
Type and Material	Black steel wheel with six-spoke painted wheel cover
Size	16 x 6.5
Availability	Available — Journey SE
Type and Material	Machined and painted cast-aluminum, five-spoke
Size	17 x 6.5

Availability	Standard — Journey SXT
Type and Material	Machined and painted cast-aluminum, five-spoke
Size	17 x 6.5
Availability	Standard — R/T
Type and Material	Machined and painted cast-aluminum, five-spoke
Size	19 x 7.0
Availability	Standard — Journey R/T; Available — Journey SXT
Type and Material	Machined and painted aluminum, five-spoke
Size	19 x 7.0
Availability	Available — Journey R/T
Type and Material	Chrome-clad cast-aluminum, six-spoke
Size	19 x 7.0
Availability	Standard — All
Type and Material	Temporary spare steel wheel
Size	16 x 4.0 x 46
Tires (U.S. and Canada)	
Availability	Standard — Journey SE
Size and Type	P225/70R16, All Season
Model	Hankook DynaPro
Revs/Mile (Km)	735 (457)
Availability	Standard — Journey SXT
Size and Type	P225/65R17, All-season Touring
Model	Kumho Solus
Revs/Mile (Km)	754 (471)
Availability	Standard — Journey R/T; Available — Journey SXT
Size and Type	225/55R19, All-season Touring
Model	Kumho Solus KH16
Revs/Mile (Km)	711 (444)
Availability	Standard — All
Size and Type	T145/80 D16 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 5+ 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 Status as of 12/14/2007.

⁴ Maximum trailer frontal area is 22 sq. ft.

⁵ Maximum trailer frontal area is 40 sq. ft.

⁶ Based on Max. Options Weight Report Preliminary Final. Add 88.5 lbs. (40 kg) for seven-passenger vehicles.