

Note: Information shown is based on data available at time of publication (September 1, 2009). Specifications are valid for Europe and may vary in other international markets. Vehicle model availability may change per individual markets.

Dodge Journey

SPECIFICATIONS

Dimensions are in millimeters (inches) unless otherwise noted.

GENERAL INFORMATION

Body Style	Four-door; five- or seven-passenger crossover vehicle
Assembly Plant	Toluca Assembly, Mexico
Vehicle Class	D-segment

ENGINE: 2.0-LITER TURBO DIESEL DOHC 16-VALVE

Availability	Available on all Journey models
Type and Description	Four cylinders in-line, turbocharged, high-pressure, direct injection
Displacement	1968 cu. cm (120.1 cu. in.)
Bore x Stroke	81 x 95.5 mm (3.19 x 3.76)
Valve System	Belt-driven DOHC, 16-valve
Fuel Injection	Electronically controlled, high-pressure direct injection
Construction	Cast-iron block, cast aluminum cylinder head, cast aluminum ladder frame, forged steel crankshaft
Compression Ratio	18.0:1
Power	103 kW (140 hp DIN) @ 4000 rpm (70.0 hp DIN/L)
Torque	310 N•m (229 lb.-ft.) @ 1750 – 2500 rpm
Max. Engine Speed	5000 rpm (electronically limited)
Fuel Requirement	49 cetane diesel, DIN EN590
Oil Capacity	4.2 L (4.4 qt.) with dry filter
Coolant Capacity	4.0 L (4.2 qt.)
Emission Controls	Oxy-catalyst with integrated Diesel-particulate Filter (DPF) and cooled Exhaust-gas Recirculation (EGR)
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	8.2 L/100 km (6-mtx); 8.7 L/100 km (DCT)
Ex-urban Cycle	5.1 L/100 km (6-mtx); 5.5 L/100 km (DCT)
Combined Cycle	6.3 L/100 km (6-mtx); 6.7 L/100 km (DCT)
CO2 Emissions	165 g/km (6-mtx); 176 g/km (DCT)

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

Availability	Available on Journey SE
Type and Description	Four-cylinders inline, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts dual Variable-valve Timing (VVT)
Displacement	2360 cu. cm (144 cu. in.)
Bore x Stroke	3.46 x 3.82 (88 x 97)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual Variable-valve Timing (VVT), direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	High-pressure die cast-aluminum block with dry iron liners, cast-aluminum cylinder heads, cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Power	125 kW (170 hp DIN) @ 6000 rpm (70.8 hp DIN/L)
Torque	220 N•m (162 lb.-ft.) @ 4400 rpm
Max. Engine Speed	6500 rpm (electronically limited)
Fuel Requirement	91 RON unleaded petrol
Oil Capacity	4.7 L (5.0 qt.)
Coolant Capacity	6.8 L (7.2 qt.)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	11.9 L/100 km (5-mtx); 12.9 L/100 km (4-atx)
Ex-urban Cycle	7.0 L/100 km (5-mtx); 7.3 L/100 km (4-atx)
Combined Cycle	8.8 L/100 km (5-mtx); 9.4 L/100 km (4-atx)
CO2 Emissions	209 g/km (5-mtx); 220 g/km (4-atx)

ENGINE: 2.7-LITER, GASOLINE, DOHC, 24-VALVE, SMPI V-6

Availability	Available on Journey SXT and R/T models
Type and Description	60-degree, liquid-cooled, dual-tuned intake manifold with electronically controlled manifold tuning valve
Displacement	2736 cu. cm (167 cu. in.)
Bore x Stroke	86 x 78.5 (3.38 x 3.09)
Valve System	DOHC, 24 valves, hydraulic end-pivot roller followers
Fuel Injection	Sequential, multi-port, electronic
Construction	Semi-permanent mold aluminum block with cast-in iron liners, cast-aluminum heads
Compression Ratio	9.9:1
Power	136 kW (185 hp DIN) @ 5500 rpm (68.5 hp DIN/L)
Torque	256 N•m (191 lb.-ft.) @ 4000 rpm
Max. Engine Speed	6464 rpm (electronically limited)
Fuel Requirement	91 RON unlimited petrol, or E85
Oil Capacity	5.7 L (6 qt.) with dry filter
Coolant Capacity	9.0 L (9.5 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Emission Class	Euro IV

Fuel Consumption

Urban Cycle	15.0 L/100 km
Ex-urban Cycle	7.6 L/100 km
Combined Cycle	10.3 L/100 km
CO2 Emissions	246 g/km (6-atx)

TRANSAXLE: 40TES, AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Available with 2.4 L engine
Description	4-speed overdrive, adaptive electronic control, electronically modulated converter clutch

Gear Ratios

1 st	2.84
2 nd	1.57
3 rd	1
4 th	0.69
Reverse	2.21
Final-drive Ratio	4.28
Overall Top-gear	2.95

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Available with 2.7 L engine
Description	Six-speed, adaptive electronic control or Auto Stick driver-interactive manual control and electronically modulated torque converter clutch

Gear Ratios

1 st	4.127
2 nd	2.842
3 rd	2.283
4 th	Upshift—1.452, WOT kickdown—1.570
5 th	1
6 th	0.69
Reverse	3.214
Transfer Ratio	0.95
Final-drive Ratio	3.43
Overall Top-gear	2.24

TRANSAXLE: T355 FIVE-SPEED MANUAL

Availability	Standard on Journey with 2.4 L engine
Description	Five-speed, overdrive, synchronized in all forward ratios, cable-operated, three-plane shifter

Gear Ratios

1 st	3.77
2 nd	2.16
3 rd	1.41
4 th	1.026
5 th	0.81
Reverse	3.417
Final-drive Ratio	4.12
Overall Top-gear	2.97

TRANSAXLE: BG6 SIX-SPEED MANUAL

Availability	Available with 2.0 L turbo-diesel engine
Description	Six-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1st	3.59
2nd	2.05
3rd	1.37
4th	0.97
5th	0.90
6th	0.79
Reverse	3.83
Final-drive Ratio	4.06
Overall Top-gear	2.73

TRANSAXLE: MPS6 SIX-SPEED DUAL-CLUTCH AUTOMATIC

Availability	Available with 2.0 L turbo-diesel engine
Description	Six-speed, overdrive, automated dual-clutch system with lay-shift style gearsets, Auto Stick
Gear Ratios	
1st	3.58
2nd	2.05
3rd	1.32
4th	0.97
5th	1.10
6th	0.91
Reverse	4.84
Final-drive Ratio	4.53 with gears 1-4; 3.24 with gears 5-6 and Reverse
Overall Top-gear	2.95

DIMENSIONS AND CAPACITIES

Wheelbase	2890 (113.8)
Track, Front	1570.8 (61.8)
Track, Rear	1570.8 (61.8)
Overall Length	4888 (192.4)
Overhang, Front	989 (38.9)
Overhang, Rear	1009 (39.7)
Overall Width	1878 (73.9)
Overall Height (with P225/65R17 tires)	1691 (66.6)
Vehicle Height (including Roof Rack)	1745 (68.7)
Fuel Tank Capacity, L (gal.)	77.6 L (20.5)

Curb Weight, kg (lbs.)	<p>5-Passenger:</p> <p>2.0-liter Turbo-Diesel Engine: 1785 -1865 (3927 – 4103) (6-mtx)</p> <p>2.0-liter Turbo-Diesel Engine: 1795 - 1875 (3949 – 4125) (DCT)</p> <p>2.4-liter Engine: 1709 1685 -1780 (3707 – 3916) (5-mtx)</p> <p>2.4-liter Engine: 1705 -1800 (3751 – 3960) (4-atx)</p> <p>2.7-liter V-6 Engine: 1755 - 1865 (3861 – 4103) (6-atx)</p> <p>7-Passenger:</p> <p>2.0-liter Turbo-Diesel Engine: 1820 - 1900 (4004 – 4180) (5-mtx)</p> <p>2.0-liter Turbo-Diesel Engine: 1830 -1915 (4026 – 4213) (DCT)</p> <p>2.4-liter Engine: 1730 – 1820 (3806 – 4004) (5-mtx)</p> <p>2.4-liter Engine: 1740 -1835 (3828 – 4037) (4-atx)</p> <p>2.7-liter V-6 Engine: 1790 - 1900 (3938 – 4180) (6-atx)</p>
Gross Vehicle Weight, kg (lbs.)	<p>5-Passenger:</p> <p>2.0-liter Turbo-Diesel Engine: 2380 (5236) (6-mtx)</p> <p>2.0-liter Turbo-Diesel Engine: 2380 (5236) (DCT)</p> <p>2.4-liter Engine: 2380 (5236) (5-mtx)</p> <p>2.4-liter Engine: 2380 (5236) (4-atx)</p> <p>2.7-liter V-6 Engine: 2380 (5236) (6-atx)</p> <p>7-Passenger:</p> <p>2.0-liter Turbo-Diesel Engine: 2480 (5456) (5-mtx)</p> <p>2.0-liter Turbo-Diesel Engine: 2480 (5456) (DCT)</p> <p>2.4-liter Engine: 2425 (5335) (5-mtx)</p> <p>2.4-liter Engine: 2425 (5335) (4-atx)</p> <p>2.7-liter V-6 Engine: 2480 (5456) (6-atx)</p>
Maximum Trailer Mass (braked), kg (lbs.)	<p>2.0-liter Turbo-Diesel Engine: 1600 (3520)—5 passenger</p> <p>2.4-liter Engine: 1100 (2420)—5 passenger</p> <p>2.7-liter V-6 Engine: 1600 (3520)—5 passenger</p> <p>2.0-liter Turbo-Diesel Engine: 1360 (2992)—7 passenger</p> <p>2.4-liter Engine: 1100 (2420)—7 passenger</p> <p>2.7-liter V-6 Engine: 1360 (2992)—7 passenger</p>
Maximum Trailer Mass (unbraked), kg (lbs.)	454 (1000)
Maximum Tongue Load, kg (lbs.)	<p>2.0-liter Turbo-Diesel Engine: 80 (176)—5 passenger</p> <p>2.4-liter Engine: 55 (121)—5 passenger</p> <p>2.7-liter V-6 Engine: 80 (176)—5 passenger</p> <p>2.0-liter Turbo-Diesel Engine: 68 (150)—7 passenger</p> <p>2.4-liter Engine: 55 (121)—7 passenger</p> <p>2.7-liter V-6 Engine: 68 (150)—7 passenger</p>
Maximum Roof Rack Load, kg (lbs.)	68 (150)

(d) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS

Seating Capacity — F/R	2/3 or 2/3/2
First-Row	
Head Room without Sun Roof	1063.3 (40.8)
Head Room with Sun Roof	995.0 (39.2)
Leg Room	1063.3 (40.8)
Shoulder Room	1459.7 (57.5)
Hip Room	1366.5 (53.8)
Seat Travel	260 (10.23)
Second-Row	
Head Room without Sun Roof	1013.0 (39.9)
Head Room with Sun Roof	994.8 (39.2)
Leg Room	853.6 (33.6)
Leg Room, Maximum	916.7 (36.1)
Shoulder Room	1444.4 (56.9)
Hip Room	1381.9 (54.4)
Third-Row	
Head Room	957.4 (37.7)
Leg Room	595.5 (23.4)
Shoulder Room	1298.5 (51.1)
Hip Room	1016.3 (40.0)
Cargo Volumes	
DIN Cargo Volume 5-passenger, cu. m (cu. ft.)	.784 (27.6) (floor to ceiling, all seats up)
DIN Cargo Volume 5-passenger with seats folded, cu. m (cu. ft.)	1.562 (55.15)
DIN Cargo Volume 7-passenger, cu. m (cu. ft.)	.167 (5.89) (floor to ceiling, all seats up)
DIN Cargo Volume 7-passenger with 3 rd row seats folded, cu. m (cu. ft.)	0.758 (26.76)
DIN Cargo Volume 7-passenger with 2 nd and 3 rd row seats folded, cu. m (cu. ft.)	1.461 (51.58)

DRIVETRAIN

Front-wheel Drive	Standard on all Journey models
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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