2007 Jeep® Wrangler

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style	2-door Sport Utility
Assembly Plant	Toledo, Ohio
EPA Vehicle Class	Multi-purpose vehicle

ENGINE: 3.8-LITER, OHV, 12-VALVE SMPI V-6

Availability	Std.
Type and Description.	Six-cylinder, 60° V-type, liquid-cooled
Displacement	230.5 cu. in. (3778 cu. cm)
Bore x Stroke	3.78 x 3.43 (96 x 87)
Valve System	OHV, 12 valves, roller followers, hydraulic lifters
Estimated EPA Fuel Economy mpg (City/Hwy)	17/19
Fuel Injection	Sequential, multi-port, electronic
Construction	Cast-iron block, aluminum alloy heads
Compression Ratio	9.6:1
Power (SAE net)	202 hp (151 kW) @ 5,000 rpm (53.9 hp/L)
Torque (SAE net)	237 lb.-ft. (321 N•m) @ 4,000 rpm
Fuel Recommendation	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6 qt. (5.7L) plus filter
Coolant Capacity	13.36 qt. (12.64L) Std.
Emission Controls	Three-way catalytic converter, heated oxygen sensors, electronic EGR and internal engine features Meets Tier 2 Bin 5 (federal) and LEV 2 (CA) emission requirements

ELECTRICAL SYSTEM

Alternator	160-amp
Battery	600 CCA, maintenance-free

TRANSMISSION: NSG 370—MANUAL, SIX-SPEED OVERDRIVE

Availability	Std.—All models
Description	Synchronized in all forward gears and reverse, multi-rail shift system with top-mounted shift lever
Clutch	Hydraulic actuation
Gear Ratios	
1st	4.46
2nd	2.61
3rd	1.72
4th	1.25
5th	1.00
6th	0.84
Reverse	4.06
Axle Ratio	3.21 std., 4.10 opt. (std. on Rubicon)
Overall Top Gear	2.69 std., 3.44 opt. (std. on Rubicon)

TRANSMISSION: 42RLE—AUTOMATIC, FOUR-SPEED OVERDRIVE

Availability _____ Optional

Description _____ Electronic governor, electronically controlled converter clutch

Gear Ratios

1st _____ 2.84

2nd _____ 1.57

3rd _____ 1.0

4th _____ 0.69

Reverse _____ 2.21

Axle Ratio _____ 4.10

Overall Top Gear _____ 2.83

TRANSFER CASE: NV241 COMMAND-TRAC

Type _____ Part-time

Operating Modes _____ 2WD High; 4WD High; Neutral; 4WD Low

Low Range Ratio _____ 2.72:1

Center Differential Type _____ None

TRANSFER CASE: NV241OR ROCK-TRAC

Type _____ Part-time, heavy-duty

Operating Modes _____ 2WD High; 4WD High; Neutral; 4WD Low

Low Range Ratio _____ 4.0:1

Center Differential Type _____ None

DIMENSIONS AND CAPACITIES

General Overall Length _____ 152.8 (3881.2)

Overall Width (without mirrors) _____ 73.7 (1872.9)

Overall Height, Hard top _____ 70.9 (1800.1)

Wheelbase _____ 95.4 (2424.1)

Track, Front _____ 61.9 (1572.3)

Track, Rear _____ 61.9 (1572.3)

Overhang, Front _____ 26.7 (679.2)

Overhang, Rear _____ 30.6 (777.9)

Maximum Payload (includes occupants and cargo) _____ 1,000 lbs. (373 kg)

CLEARANCES	**P225/75R16**	**P245/75R16**	**P255/75R17**	**P255/70R18**	**LT255/75R17**
Approach Angle, Deg.	40.8	42.0	43.8	44.6	44.3
Breakover Angle, Deg.	21.8	23.1	24.9	25.5	25.4
Departure Angle, Deg.	37.4	38.7	40.3	40.6	40.4
Front Axle to Ground (inches)	9.1	9.6	10.3	10.6	10.5
Rear Axle to Ground (inches)	8.8	9.4	10.1	10.3	10.2

CURB WEIGHT

Wrangler X, Man. Trans _____ 3,760 lbs. (1403 kg)

Wrangler X Auto. Trans _____ 3,785 lbs. (1413 kg)

Wrangler Sahara, Man. Trans _____ 3,951 lbs. (1475 kg)

Wrangler Sahara, Auto. Trans _____ 3,976 lbs. (1484 kg)

Wrangler Rubicon, Man. Trans _____ 4,104 lbs. (1532 kg)

Wrangler Rubicon, Auto. Trans _____ 4,129 lbs. (1541 kg)

ACCOMMODATIONS

Seating Capacity, F/R _____ 2/2

Front

Head room	41.3 (1048.4)
Legroom	41.0 (1040.3)
Shoulder room	55.8 (1416.7)
Hip room	55.6 (1412.8)
Seat travel	Driver—9.4 (239.5), Passenger—9.4 (239.5)
Front volume index, cubic ft. (cu. m)	54.6 (1.545)

Rear

Head room	40.3 (1024.6)
Legroom	35.6 (904.9)
Shoulder room	61.6 (1565.9)
Hip room	44.7 (1135.6)
Rear seat volume index, cubic ft. (cu. m)	48.3 (1.367)
Cargo liftover height	27.8 (707.2)
Maximum cargo width at swing gate opening	58.7 (1490.4)
Minimum cargo height at swing gate opening	37.0 (939.2)
Maximum cargo height at swing gate opening	37.1 (943.5)
Minimum cargo height at swing gate opening	37.0 (939.2)
Distance between wheelhouses	44.7 (1135.6)

Cargo Volume cubic ft. (cu. m)

Rear seat installed	56.5 cu. ft. (1.60)
Rear seat removed	61.2 cu. ft. (1.73)
Behind rear seat	17.15 cu. ft. (0.19)

BODY AND CHASSIS

Layout _____ Longitudinal front engine, four-wheel drive

Construction _____ Ladder-type frame, open steel body

SUSPENSION

Front _____ Live axle, leading arms, track bar, coil springs, stabilizer bar, low-pressure (on 16-inch wheel packages) gas-charged shock absorbers—std.; Monotube high-pressure (on 17- and 18-inch wheel packages) gas-charged shock absorbers—std.; Electronic Sway Bar Disconnect System (ASDS)—opt.

Rear _____ Live axle, trailing arms, track bar, coil springs, stabilizer bar, low-pressure (on 16-inch wheel packages) gas-charged shock absorbers—std.; Monotube high-pressure (on 17- and 18-inch wheel packages) gas-charged shock absorbers—std.

STEERING

Type _____ Power, recirculating ball with damper

Overall Ratio _____ 16.7:1 overall

Turning Diameter (curb-to-curb) _____ 34.9 ft. (10.62 m)

Steering Turns (lock-to-lock) _____ 3.5

BRAKES

Availability _____ Std. All
Power Assist Type _____ 10 (254) single-diaphragm vacuum
Four-wheel Anti-lock with on- and off-road calibrations _____ Std.
Electronic Stability Program (ESP) _____ Std.
Parking Brake Type _____ Drum-in-hat

Front Size and Type _____ 11.9 x 1.1 (302 x 28) vented rotor with 2.6 (66) single-piston floating caliper
Swept Area (total front) _____ 234.3 inches
Rear Size and Type _____ 12.44 x 0.47 (316 x 12) solid rotor with 1.9 (48) single-piston floating caliper
Swept Area (total rear) _____ 202.6 inches

WHEELS

Availability _____ X — Standard
Type and material _____ Painted steel
Size 16 x 7.0

Availability _____ X — Optional
Type and material _____ Painted cast-aluminum
Size _____ 16 x 7.0

Availability _____ Sahara — Standard
Type and material _____ Painted cast-aluminum
Size 17 x 7.5

Availability _____ Rubicon — Standard
Type and material _____ Machined cast-aluminum
Size 17 x 7.5

Availability _____ Sahara — Optional
Type and material _____ Painted cast-aluminum
Size 18 x 7.5

TIRES

Availability _____ X — Std.
Size and type _____ P225/75R16, on/off-road, black side wall
Mfr. and model _____ Goodyear Wrangler ST
Revs per mile (km) _____ 712 (1146)

Availability _____ X — Optional
Size and type _____ P245/75R16, on/off-road, black side wall
Mfr. and mode _____ Goodyear Wrangler SRA
Revs per mile (km) _____ 687 (1106)

Availability _____ Sahara — Standard
Size and type _____ P255/75R17, on/off-road, outlined white lettered
Mfr. and model _____ Goodyear Wrangler SRA
Revs per mile (km) _____ 661 (1064)

Availability _____ Sahara — Optional
Size and type _____ P255/70R18, on/off-road, outlined white lettered
Mfr. and model _____ Bridgestone Dueler 693
Revs per mile (km) _____ 653 (1051)

Availability _____ Rubicon — Standard
Size and type _____ LT255/75R17, on/off-road, black side wall
Mfr. and model _____ B.F. Goodrich Mud Terrain
Revs per mile (km) _____ 650 (1046)

TOWING CAPACITIES

WRANGLER 2-DR "X" 4WD - LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21 **	1000	3760	2011	1749	2650	3400	4910	1000
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	1000	3760	2011	1749	2650	3400	5910	2000
3.8L V6 GAS (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	4.10	1000	3785	2032	1753	2650	3400	5935	2000

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for Driver.
2. ** AHT Trailer Tow Package not available with 3.21 Axle Ratio.

WRANGLER 2-DR Sahara 4WD-LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	3.21 **	1000	3951	2114	1837	2650	3400	5101	1000
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	1000	3951	2114	1837	2650	3400	6101	2000
3.8L V6 GAS (EGT)	A4	42RLE VLP 4-SPD AUTO (DGL)	4.10	1000	3976	2135	1841	2650	3400	6126	2000

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for Driver.
2. ** AHT Trailer Tow Package not available with 3.21 Axle Ratio.

WRANGLER 2-DR Rubicon 4WD-LHD

Engine	Trans Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max Trailer
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	1000	4104	2196	1908	2650	3400	6254	2000
3.8L V6 GAS (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	4.10	1000	4129	2217	1912	2650	3400	6279	2000

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for Driver.
2. ** AHT Trailer Tow Package not available with 3.21 Axle Ratio.