

GENERAL INFORMATION

EPA Vehicle Class _____ Multipurpose vehicle

16/18—automatic

JEEP® WRANGLER PRODUCT INFORMATION 13



SPECIFICATIONS

ENGINE: 4.0-LITER, OHV, 12-VALVE, SMPI I-6

Availability	Std.—X, Sport and Sahara
Type and Description	In-line, liquid-cooled
Displacement	242 cu. in. (3956 cu. cm)
Bore x Stroke	3.88 x 3.41 (98.4 x 86.7)
Valve System	OHV, 12 valves, flat followers, hydraulic lifters
Fuel Injection	Sequential, multi-port, electronic
Construction	Cast-iron block and head
Compression Ratio	8.8:1
Power (SAE net)	190 bhp (142 kW) @ 4600 rpm (47.5 bhp/liter)
Torque (SAE net)	235 lb.-ft. (319 N•m) @ 3200 rpm
Maximum Engine Speed	5300 rpm
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6.0 qt. (5.7L)
Coolant Capacity	10.5 qt. (9.9L)
Emission Controls	Three-way catalytic converters, heated oxygen sensors, internal engine features(a)
Maximum Gross Trailer Weight	2000 lbs. (907 kg)
Estimated EPA Fuel Economy (mpg City/Hwy)	16/19—manual 15/17—automatic

TRANSMISSION: AS72—MANUAL, FIVE-SPEED, OVERDRIVE

Availability	Std.—SE
Description	All forward ratios synchronized
Gear Ratios	
1st	3.93
2nd	2.33
3rd	1.45
4th	1.00
5th	0.85

(a) Meets Transitional Low Emission Vehicle (TLEV) requirements in all 50 states.

CONTINUED

TRANSMISSION: AS72—MANUAL, FIVE-SPEED, OVERDRIVE (CONTINUED)

Overall Top Gear	3.48
------------------	------

Availability_____Std.—Sport and Sahara

Gear Ratios

2nd _____ 2.33

4th	1.00
-----	------

Axle _____ 3.07—std., 3.73—opt.

Overall Top Gear 2.39—std., 2.90—opt.

Availability _____ 30RH—opt. with 2.5-liter engine,

ic control electronically controlled

converter clutch

1st _____ 2.74

3rd _____ 1.00

Overall Top Gear_____3.73(a), 3.07(b)

(b) Std. with 4.0-liter engine.

JEEP® WRANGLER PRODUCT INFORMATION 15



SPECIFICATIONS

TRANSFER CASE: NV231 COMMAND-TRAC

Type _____ Part-time
 Operating Modes _____ 2WD; 4WD High, part-time;
 Neutral; 4WD Low, part-time
 Low Range Ratio _____ 2.72:1
 Center Differential Type _____ None

ELECTRICAL SYSTEM

Alternator _____ 117-amp
 Battery _____ Group 34, 600-amp

DIMENSIONS AND CAPACITIES(a)

Wheelbase _____ 93.4 (2373)
 Track, Front _____ 58.0 (1473)
 Track, Rear _____ 58.0 (1473)
 Overall Length
 To spare tire _____ 155.4 (3947)
 To bumper _____ 150.1 (3813)
 Overall Width _____ 66.7 (1693)
 Overall Height
 Hard top _____ 69.4 (1764)
 Soft top _____ 70.9 (1802)
 Top down _____ 68.4 (1737)
 Ground Clearance
 Front axle _____ 8.9 (226) min., 9.0 (228) max.
 Rear axle _____ 8.2 (208) min., 8.5 (217) max.
 Running _____ 8.5 (215) min., 10.2 (259) max.
 Approach Angle _____ 42.0°
 Ramp Breakover Angle _____ 28.1°
 Departure Angle _____ 31.9°

(a) All dimensions measured at curb weight.

CONTINUED

SPECIFICATIONS

DIMENSIONS AND CAPACITIES (CONTINUED)(a)

Curb Weight—estimated _____	3110 lbs. (1411 kg)—SE, 3360 lbs. (1524 kg)—Sport, 3454 lbs. (1567 kg)—Sahara
Payload (includes occupants and cargo) _____	800 lbs. (363 kg)
Weight Distribution, Percent F/R _____	49/51—SE, 51/49—X, Sport and Sahara
Frontal Area	
Hard top _____	27.5 sq. ft. (2.55 sq. m)
Soft top _____	27.8 sq. ft. (2.58 sq. m)
Drag Coefficient _____	0.55 hard top, 0.58 soft top
Fuel Tank Capacity _____	19.0 gal. (72L)
Cargo Volume	
Rear seat up, hard top _____	12.3 cu. ft. (348L)
Rear seat up, soft top _____	12.5 cu. ft. (354L)
Rear seat tumbled, hard top _____	40.8 cu. ft. (1155L)
Rear seat tumbled, soft top _____	41.6 cu. ft. (1178L)
Rear seat removed, hard top _____	45.8 cu. ft. (1297L)
Rear seat removed, soft top _____	46.6 cu. ft. (1320L)

ACCOMMODATIONS

Seating Capacity—F/R _____	2/0—std. SE only, 2/2—std. X, Sport and Sahara, opt. SE
Front	
Head room _____	40.9 (1038) hard top; 41.9 (1064) soft top
Leg room _____	41.1 (1044)
Shoulder room _____	50.8 (1289)
Hip room _____	51.8 (1292)
Seat travel _____	7.4 (189)
Recliner range _____	40.5°

(a) All dimensions measured at curb weight.

CONTINUED



SPECIFICATIONS

ACCOMMODATIONS (CONTINUED)

Rear	
Head room	39.5 (1004) hard top; 40.6 (1031) soft top
Leg room	35.0 (890)
Shoulder room	57.3 (1455)
Hip room	43.5 (1105)

BODY/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 gas-charged shock absorbers—std. Monotube high-pressure gas-charged shock absorbers—opt.
Rear	Live axle, trailing arms, track bar, coil springs, stabilizer bar, low-pressure gas-charged shock absorbers—std. Monotube high-pressure gas-charged shock absorbers—opt.

STEERING

Type	Power recirculating ball with damper
Overall Ratio	15-13:1 variable
Turning Diameter (curb-to-curb)	32.8 ft. (10.0 m)
Steering Turns (lock-to-lock)	3.0

CONTINUED

SPECIFICATIONS

TIRES(a)

Size and Type _____ P205/75R15 all-terrain
 Mfr. and Model _____ Goodyear Wrangler RT/S
 Revs/Mile (km) _____ 770 (478)

Size and Type _____ P215/75R15 all-terrain
 Mfr. and Model _____ Goodyear Wrangler RT/S
 Revs/Mile (km) _____ 755 (469)

Size and Type _____ 30 x 9.5 x R15 all-terrain
 Mfr. and Model _____ Goodyear Wrangler GS-A
 Revs/Mile (km) _____ 709 (440)

Size and Type _____ P225/75R15 all-terrain
 Mfr. and Model _____ Goodyear Wrangler GS-A
 Revs/Mile (km) _____ 733 (455)

WHEELS(b)

Standard—SE

Type and material _____ Stamped steel
 Size _____ 15" x 6"

Standard—Sport, Optional SE

Type and material _____ Full-face steel
 Size _____ 15" x 7"

Optional—SE and Sport

Type and material _____ Cast-aluminum
 Size _____ 15" x 7"

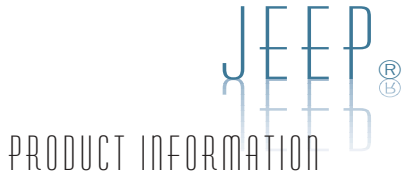
Standard—Sahara

Type and material _____ Cast-aluminum
 Size _____ 16" x 7"

(a) See also Tires under Feature Availability.

(b) See also Wheels under Feature Availability.

CONTINUED



SPECIFICATIONS

BRAKES

Standard—All

Front

Size and type _____ 11.0 x 0.94 in. (280 x 24 mm)
 _____ vented disc with single piston sliding caliper

Swept area _____ 198.5 sq. in. (1281sq. cm)

Rear

Size and type _____ 9.0 x 2.5 (229 x 64) drum

Swept area _____ 141.4 sq. in. (912 sq. cm)

Power Assist Type _____ 8.07 in. (205 mm) tandem diaphragm vacuum

Optional—Sport and Sahara

Front

Size and type _____ Same as standard with ABS

Swept area _____ Same as standard

Rear

Size and type _____ Same as standard with ABS

Swept area _____ Same as standard

Power assist type _____ Same as standard