

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
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) @ 5,200 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)
Leg room _____	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)
Leg room _____	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
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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

<i>WRANGLER 2-DR "X" 4WD - LHD</i>												
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.

<i>WRANGLER 2-DR Sahara 4WD-LHD</i>												
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.

<i>WRANGLER 2-DR "X" 4WD-RHD</i>												
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	3801	2024	1777	2650	3,400	4951	1000	
3.8L V6 GAS (EGT)	M6	NSG370 6-SPD MANUAL (DEH)	4.10	1000	3801	2024	1777	2650	3,400	5951	2000	
3.8L V6 GAS (EGT)	A4	42RLE VLP 4-SPD AUTO (DGV)	4.10	1000	3826	2045	1781	2650	3,400	5976	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.