

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ 4-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) _____ 205 hp (153 kW) @ 5,200 rpm (53.9 hp/L)
Torque (SAE net) _____ 240 lb.-ft. (325 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
Manual transmission meets Tier 2 Bin 5 (federal) and LEV II (CA) emission requirements
Automatic transmission meets Tier 2 Bin 5 (federal) and ULEV II (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 WITH VARIABLE LINE**PRESSURE**

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 _____ 173.4 (4404.4)

Overall Width (without mirrors) _____ 73.9 (1877.1)

Height _____ 70.9 (1800.9)

Wheelbase _____ 116.0 (2946.4)

Track, Front _____ 61.9 (1572.3)

Overhang, Front _____ 26.7 (678.2)

Overhang, Rear _____ 30.6 (777.2)

Maximum Payload (includes occupants and cargo) _____ 1,000 lbs. (454 kg)

CLEARANCES

	P225/75R16	P245/75R16	P255/75/R17	P255/70R18	LT255/75R17
	Tire	Tire	Tire	Tire	Tire
Approach Angle, Deg.	40.6	42.1	43.6	44.4	44.4
Breakover Angle, Deg.	17.8	19	20.3	20.9	20.8
Departure Angle, Deg.	37.5	38.8	40.3	40.7	40.5
Front Axle to Ground	9.0 (228.6)	9.6 (243.8)	10.2 (259.1)	10.5 (266.7)	10.5 (266.7)
Rear Axle to Ground	8.7 (221.0)	9.3 (236.2)	10.0 (254.0)	10.2 (259.1)	10.1 (256.5)

CURB WEIGHT

Wrangler X, Man. Trans _____ 4,075 lbs. (1848 kg)

Wrangler X Auto. Trans _____ 4,100 lbs. (1860 kg)

Wrangler Sahara, Man. Trans _____ 4,269 lbs. (1936 kg)

Wrangler Sahara, Auto. Trans _____ 4,294 lbs. (1948 kg)

Wrangler Rubicon, Man. Trans _____ 4,315 lbs. (1957 kg)

Wrangler Rubicon, Auto. Trans _____ 4,340 lbs. (1969 kg)

ACCOMMODATIONS

Seating Capacity, F/R _____ 2/3

Front

Head room _____ 41.3 (1049.0 mm)

Leg room _____ 41.0 (1041.4 mm)

Shoulder room _____ 55.8 (1417.3 mm)

Hip room _____ 55.6 (1412.2 mm)

Seat travel _____ Driver—9.055 (230.0 mm), passenger—9.055 (230.0 mm)

Front volume index, cubic ft. (cu. m) _____ 54.6 (1.55 cu. m)

Rear

Head room _____ 40.4 (1026.2 mm)

Leg room _____ 37.2 (944.9 mm)

Shoulder room _____ 56.8 (1442.7 mm)

Hip room _____ 56.7 (1440.2 mm)

Rear seat volume index, cubic ft. (cu. m) _____ 49.4 (1.40 cu. m)

Cargo liftover height _____ 31.4 (797.6 mm)

Maximum cargo width at swing gate opening _____ 58.7 (1491.0 mm)

Minimum cargo width at swing gate opening _____ 41.2 (1046.5 mm)

Maximum cargo height at swing gate opening _____ 37.1 (942.3 mm)

Minimum cargo height at swing gate opening _____ 37.0 (939.8 mm)

Distance between wheelhouses _____ 44.7 (1135.4 mm)

Cargo Volume cubic ft. (cu. m)

Rear seat folded _____ 86.75 (2.46 cu. m)

Rear seat upright _____ 46.43 (1.31 cu. m)

BODY AND CHASSIS

Layout _____ Longitudinal front engine, four-wheel drive and two-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 _____ 14.7:1 overall

Turning Diameter (curb-to-curb) _____ 41.2 ft. (12.56 m) with 225/75R16 tires

Steering Turns (lock-to-lock) _____ 3.5

BRAKES

Availability _____ Std. All

Power Assist Type _____ 8 x 9 dual-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) _____ 220.6 inches/caliper

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) _____ 207.7 inches/caliper

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 UNLIMITED "X" 2WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	3.21 **	1150	3864	2075	1789	2650	3400	5014	1000
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	4.10	1150	3864	2075	1789	2650	3400	7514	3500
3.8L V6 GAS	A4	42RLE VLP 4-SPD AUTO	4.10	1150	3889	2096	1793	2650	3400	7539	3500

WRANGLER UNLIMITED SAHARA 2WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	3.21 **	1150	4054	2163	1892	2650	3400	5204	1000
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	4.10	1150	4054	2163	1892	2650	3400	7704	3500
3.8L V6 GAS	A4	42RLE VLP 4-SPD AUTO	4.10	1150	4079	2184	1896	2650	3400	7729	3500

WRANGLER UNLIMITED "X" 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	3.21 **	1150	4075	2243	1832	2650	3400	5225	1000
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	4.10	1150	4,75	2243	1832	2650	3400	7725	3500
3.8L V6 GAS	A4	42RLE VLP 4-SPD AUTO	4.10	1150	4100	2264	1836	2650	3400	7750	3500

WRANGLER UNLIMITED SAHARA 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	3.21 **	1150	4269	2334	1936	2650	3400	5419	1000
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	4.10	1150	4269	2334	1936	2650	3400	7919	3500
3.8L V6 GAS	A4	42RLE VLP 4-SPD AUTO	4.10	1150	4294	2355	1940	2650	3400	7944	3500

WRANGLER UNLIMITED RUBICON 4WD

Engine	Trans. Type	Transmission	Axle Ratio	Payload	Base Wt.	Base Wt. Front	Base Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trail
3.8L V6 GAS	M6	NSG370 6-SPD MANUAL	4.10	1150	4315	2360	1955	2650	3400	7965	3500
3.8L V6 GAS	A4	42RLE VLP 4-SPD AUTO	4.10	1150	4340	2381	1959	2650	3400	7990	3500

NOTES:

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