

# Specifications

All dimensions are in inches (millimeters) unless otherwise noted.

## GENERAL INFORMATION

Body Style \_\_\_\_\_ Two-door & Four-door sport-utility  
Assembly Plant \_\_\_\_\_ Toledo, Ohio  
EPA Vehicle Class \_\_\_\_\_ Multi-purpose vehicle

## ENGINE: 2.5-LITER, OHV, 8-VALVE, SMPI I-4

Type & Description \_\_\_\_\_ In-line, liquid-cooled  
Displacement \_\_\_\_\_ 150 in<sup>3</sup> (2464 cm<sup>3</sup>)  
Bore x Stroke \_\_\_\_\_ 3.88 x 3.19 (98.4 x 81)  
Valve System \_\_\_\_\_ OHV, 8 valves, flat followers, hydraulic lifters  
Fuel Injection \_\_\_\_\_ Sequential, multi-port, electronic  
Construction \_\_\_\_\_ Cast iron block & head  
Compression Ratio \_\_\_\_\_ 9.2:1  
Power (SAE Net) \_\_\_\_\_ 125 bhp @ 5400 rpm (87 kW @ 5200 rpm)  
50.6 bhp/liter (36.25 kW/liter)  
Torque (SAE Net) \_\_\_\_\_ 150 lb.-ft. @ 3250 rpm (198 N•m @ 3450 rpm)  
Max. Engine Speed \_\_\_\_\_ 5600 rpm  
Fuel Requirement \_\_\_\_\_ Unleaded regular, 87 octane (R+M)/2  
Oil Capacity \_\_\_\_\_ 4 qt. (3.8 L)  
Coolant Capacity \_\_\_\_\_ 10 qt. (9.5 L)  
Emission Controls \_\_\_\_\_ 3-way catalytic converter, heated oxygen sensors,  
engine modifications(a)  
Max. Gross Trailer Weight \_\_\_\_\_ 2000 lbs. (3150 kg)  
Estimated EPA Fuel Economy (MPG City/Hwy) \_\_\_\_\_ 2WD: 21/25 - man. trans., 18/22 - auto. trans.;  
4WD: 18/20 - manual transmission

(a) Meets TLEV (Transitional Low Emission Vehicle) requirements in CA, NY, MA, VT & NE Trading Region states.

CONTINUED

# Specifications

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

|   |  |
|---|--|
| Type & Description                        | In-line, liquid-cooled   |
| Displacement                              | 242 in <sup>3</sup> (3956 cm <sup>3</sup> )  |
| 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 & head   |
| Compression Ratio                         | 8.8:1  |
| Power (SAE Net)                           | 190 bhp @ 4600 rpm (131 kW @ 4400 rpm)<br>47.9 bhp/liter (32.7 kW/liter)                         |
| Torque (SAE Net)                          | 225 lb.-ft. (301 N•m) @ 3000 rpm   |
| Max. Engine Speed                         | 5300 rpm   |
| Fuel Requirement                          | Unleaded regular, 87 octane (R+M)/2  |
| Oil Capacity                              | 6 qt. (5.7 L)  |
| Coolant Capacity                          | 12 qt. 11.4 L)   |
| Emission Controls                         | 3-way catalytic converters, heated oxygen sensors,<br>engine modifications(a)                    |
| Max. Gross Trailer Weight                 |  |
| Std.                                      | 2000 lbs. (900 kg)   |
| Optional                                  | 5000 lbs. (2250 Kg) - must have auto. trans.   |
| Estimated EPA Fuel Economy (MPG City/Hwy) | 2WD: 18/24 - man. trans.; 16/22 - auto. trans.<br>4WD: 17/22 - man. trans.; 16/21 - auto. trans. |

(a) Meet LEV (Low Emission Vehicle) requirements in CA, NY, MA. VT & NE Trading Region states.

CONTINUED

# Specifications

## TRANSMISSION: AS72 - MANUAL, FIVE-SPEED, OVERDRIVE (W/2.5-LITER ENGINE)

Description \_\_\_\_\_ All forward ratios synchronized

### Gear Ratios

|                       |      |
|-----------------------|------|
| 1 <sup>st</sup> _____ | 3.93 |
| 2 <sup>nd</sup> _____ | 2.33 |
| 3 <sup>rd</sup> _____ | 1.45 |
| 4 <sup>th</sup> _____ | 1.00 |
| 5 <sup>th</sup> _____ | 0.85 |

Axle \_\_\_\_\_ 4.10

Overall Top Gear \_\_\_\_\_ 3.48

## TRANSMISSION: NVG 3550 - MANUAL, FIVE-SPEED, OVERDRIVE (W/4.0 LITER ENGINE)

Description \_\_\_\_\_ All forward & reverse ratios synchronized

### Gear Ratios

|                       |      |
|-----------------------|------|
| 1 <sup>st</sup> _____ | 4.04 |
| 2 <sup>nd</sup> _____ | 2.33 |
| 3 <sup>rd</sup> _____ | 1.38 |
| 4 <sup>th</sup> _____ | 1.00 |
| 5 <sup>th</sup> _____ | 0.78 |

Axle \_\_\_\_\_ 3.07

Overall Top Gear \_\_\_\_\_ 2.39

## TRANSMISSION: 30 RH - AUTOMATIC, THREE-SPEED (W/2.5-LITER ENGINE)

Description \_\_\_\_\_ Hydraulic control, electronically controlled converter clutch

### Gear Ratios

|                       |      |
|-----------------------|------|
| 1 <sup>st</sup> _____ | 2.74 |
| 2 <sup>nd</sup> _____ | 1.54 |
| 3 <sup>rd</sup> _____ | 1.00 |

Axle \_\_\_\_\_ 3.55

Overall Top Gear \_\_\_\_\_ 3.55

CONTINUED

# Specifications

## TRANSMISSION: AW4 - AUTOMATIC, FOUR-SPEED, OVERDRIVE (W/4.0-LITER ENGINE)

Description \_\_\_\_\_ Electro-hydraulic control, electronically controlled converter clutch

### Gear Ratios

|                        |      |
|------------------------|------|
| 1 <sup>st</sup> _____  | 2.80 |
| 2 <sup>nd</sup> _____  | 1.53 |
| 3 <sup>rd</sup> _____  | 1.00 |
| 4 <sup>th</sup> _____  | 0.71 |
| Overall Top Gear _____ | 2.66 |
| Axle _____             | 3.55 |

## TRANSFER CASE: NV 231 - COMMAND-TRAC®

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

## TRANSFER CASE: NV 242 - SELEC-TRAC®

|                                |   |
|--------------------------------|---|
| Type _____                     | Full-time   |
| Operating Ranges _____         | 2WD; 4WD High, full-time; 4WD High, part-time;<br>Neutral; 4WD Low, part-time |
| Low Range Ratio _____          | 2.72:1  |
| Center Differential Type _____ | Planetary w/low-range lock  |
| Torque Split, F/R _____        | 48/52   |

## ELECTRICAL SYSTEM

|                  |                                 |
|------------------|---------------------------------|
| Alternator _____ | 124 A                           |
| Battery _____    | Group 34, 500A, low-maintenance |

CONTINUED

# Specifications

## DIMENSIONS & CAPACITIES

|   | <u>2WD</u>  | <u>4WD</u>                                 |
|---|---|--|
| Wheelbase _____                               | 101.4 (2576) _____                                | _____                                      |
| Track, Front _____                            | 58.0 (1473) _____                                 | _____                                      |
| Track, Rear _____                             | 58.0 (1473) _____                                 | _____                                      |
| Overall Length _____                          | 167.5 (4254) _____                                | _____                                      |
| Overall Width _____                           | 69.4 (1763) _____                                 | _____                                      |
| Overall Height(a) _____                       | 63.8 (1621) _____                                 | 64.0 (1626) _____                          |
| Ground Clearance(a)                           |   |  |
| Front Axle _____                              | N/A _____   | 8.4 (212) _____                            |
| Rear Axle _____                               | 8.1 (206) _____                                   | 8.1 (206) _____                            |
| Running _____                                 | 10.0 (254) _____                                  | 10.6 (268) _____                           |
| Approach Angle _____                          | 38° _____   | 38° _____                                  |
| Ramp Breakover Angle _____                    | 25° _____   | 21° _____                                  |
| Departure Angle _____                         | 31° _____   | 31° _____                                  |
| Curb Weight - Est. _____                      | 3015 lbs. (1368 kg) 2.5-liter, 2-dr. _____        | 3181 lbs. (1443 kg) 2.5-liter, 2-dr. _____ |
|   | 3062 lbs. (1389 kg) 2.5-liter, 4-dr. _____        | 3226 lbs. (1463 kg) 2.5-liter, 4-dr. _____ |
|   | 3145 lbs. (1427 kg) 4.0-liter, 2-dr. _____        | 3305 lbs. (1499 kg) 4.0-liter, 2-dr. _____ |
|   | 3194 lbs. (1449 kg) 4.0-liter, 4-dr. _____        | 3353 lbs. (1521 kg) 4.0-liter, 4-dr. _____ |
| Payload (Includes<br>Occupants & Cargo) _____ | 1150 lbs. (590 kg) _____                          | _____                                      |
| Weight Distribution, %F/R _____               | 53/47 - 2.5-liter _____                           | 54/46 - 2.5-liter _____                    |
|   | 55/45 - 4.0-liter _____                           | 55/45 - 4.0-liter _____                    |
| Frontal Area _____                            | 24.5 ft <sup>2</sup> (2.28 m <sup>2</sup> ) _____ | _____                                      |
| Drag Coefficient _____                        | 0.49 _____  | 0.51 _____                                 |
| Fuel Tank Capacity _____                      | 20 gal. (76 L) _____                              | _____                                      |
| Cargo Volume                                  |   |  |
| Rear Seat Up _____                            | 34.0 ft <sup>3</sup> (962 L) _____                | _____                                      |
| Rear Seat Tumbled _____                       | 66.0 ft <sup>3</sup> (1869 L) _____               | _____                                      |

(a) At curb weight with standard tires.

CONTINUED

# Specifications

## ACCOMMODATIONS

Seating Capacity - F/R \_\_\_\_\_ 2/3

### Front

Head Room \_\_\_\_\_ 37.7 (957)  
 Leg Room \_\_\_\_\_ 41.4 (1052)  
 Shoulder Room \_\_\_\_\_ 54.7 (1388)  
 Hip Room \_\_\_\_\_ 54.8 (1393)  
 Seat Travel \_\_\_\_\_ 7.5 (190)  
 Recliner Range \_\_\_\_\_ 40.5°

### Rear

Head Room \_\_\_\_\_ 38.0 (966)  
 Leg Room \_\_\_\_\_ 35.0 (890)  
 Knee Clearance \_\_\_\_\_ 0.4 (9)  
 Shoulder Room \_\_\_\_\_ 54.7 (1397)  
 Hip Room \_\_\_\_\_ 44.3 (1125)

## BODY/CHASSIS

Layout \_\_\_\_\_ Longitudinal front engine, rear-wheel drive or  
 four-wheel drive, part-time or full-time

Construction \_\_\_\_\_ Steel Unibody

## SUSPENSION

Front \_\_\_\_\_ Live axle (4WD), tubular beam axle (2WD),  
 "Quadra-link" leading arms, track bar, coil springs, stabilizer bar, low-pressure gas-charged  
 shock absorbers - std.; Increased ride height, heavy-duty springs, monotube high-pressure  
 gas-charged shock absorbers - opt. Up-Country Suspension Group

Rear \_\_\_\_\_ Live axle, longitudinal leaf springs, stabilizer bar,  
 low-pressure gas-charged shock absorbers - std. Increased ride height, heavy-duty springs,  
 off-highway jounce bumpers, monotube high-pressure gas-charged shock absorbers,  
 delete stabilizer bar - opt. Up-Country Suspension Group

## STEERING

Type \_\_\_\_\_ Power recirculating ball w/damper

Overall Ratio \_\_\_\_\_ 14.0:1

Turning Diameter  
 (curb-to-curb) \_\_\_\_\_ 35.7 ft. (10.7 m)

Steering Turns  
 (lock-to-lock) \_\_\_\_\_ 2.94

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# Specifications

## TIRES

Size & Type \_\_\_\_\_ P215/75R15 All-Season

Mfr. & Model \_\_\_\_\_ *Wrangler AP*

Revs/Mile (Km) \_\_\_\_\_ tbd (tbd)

Size & Type \_\_\_\_\_ P225/70R16 All-Season

Mfr. & Model \_\_\_\_\_ *Wrangler HP*

Revs/Mile (Km) \_\_\_\_\_ tbd (tbd)

Size & Type \_\_\_\_\_ P225/75R15 All-Terrain

Mfr. & Model \_\_\_\_\_ *Wrangler RT/S*

Revs/Mile (Km) \_\_\_\_\_ 733 (455)

## WHEELS

(See also *Wheels* under *Feature Availability*)

### Standard - SE & Sport

Type & Material \_\_\_\_\_ Stamped steel

Size \_\_\_\_\_ 15 x 7.0

### Optional - SE & Sport

Type & Material \_\_\_\_\_ Cast aluminum

Size \_\_\_\_\_ 15 x 7.0

### Standard - Classic & Limited

Type & Material \_\_\_\_\_ Cast aluminum

Size \_\_\_\_\_ 16 x 7.0

CONTINUED

# Specifications

## BRAKES

### Standard

#### Front

Size & Type \_\_\_\_\_ 11.0 x 0.94 (280 x 24) vented disc  
w/single-piston sliding caliper

Swept Area \_\_\_\_\_ 228 in<sup>2</sup> (1471 cm<sup>2</sup>)

#### Rear

Size & Type \_\_\_\_\_ 9.0 x 2.5 (229 x 64) drum

Swept Area \_\_\_\_\_ 141.4 in<sup>2</sup> (912 cm<sup>2</sup>)

Power Assist Type \_\_\_\_\_ 8.07 (205) tandem diaphragm vacuum

### Optional

#### Front

Size & Type \_\_\_\_\_ Same as standard w/ABS

Swept Area \_\_\_\_\_ Same as standard

#### Rear

Size & Type \_\_\_\_\_ Same as standard w/ABS

Swept Area \_\_\_\_\_ Same as standard

Power Assist Type \_\_\_\_\_ Same as standard