

**ENGINE:**

Type	direct petrol injection V6 with variable intake manifold, continuous camshaft adjustment, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.50 in.	89 mm	
Stroke	3.80 in.	96.4 mm	
Displacement	219.5 cu. in.	3597 cc	
Compression ratio	12.0:1		
Fuel requirement	Premium unleaded 91 RON / 95 RON recommended for maximum performance		
Horsepower (European)	280 hp	@ 6200 rpm	
Torque	266 lbs. ft.	@ 2750 rpm	360 Nm

**ENGINE DESIGN:**

Cylinder block	weight reduced grey cast-iron VR6 cylinder crankcase
Crankshaft	cast steel
Cylinder head	extended four-valve aluminum alloy cylinder head
Valve train / intake	DOHC chain driven roller cam follower valve train, hydraulic support elements, two-stage variable intake manifold
Firing order	1- 5 - 3 - 6 - 2 - 4
Cooling system	Water-cooled, thermostatically controlled radiator fan
Lubrication system	Gear pump, pressurized, full flow with oil cooler
Fuel injection / Ignition system	Fully electronic engine management utilizing Bosch Motronic® MED 9.1, sequential high pressure direct injection with chain driven fuel adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cylinder selective adaptive knock control with two sensors
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors

**ELECTRICAL SYSTEM:**

Battery	12 volts	80 amp/hr
Alternator	14 volts	180 amp

**DRIVETRAIN:**

Transmissions	6-speed automatic with Tiptronic®		
Gear ratios:	1st	4.171:1	
	2nd	2.34:1	
	3rd	1.521:1	
	4th	1.143:1	
	5th	0.867:1	
	6th	0.681:1	
	rear	3.394:1	
	Final Drive	4.556:1	
Front Differential	Hypoid gear		
Center Differential	TORSEN® (TORque SENSing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear		

**STEERING:**

Type	Maintenance-free rack-and-pinion steering with power assist		
Ratio	16.5:1		
Turns (lock-to-lock)	2.66		
Turning circle (curb-to-curb)	39.4 ft.	12 m	

**SUSPENSION:**

Front	Front double wishbone independent steel spring suspension Optional 4-Corner adjustable air suspension with five suspension settings
Rear	Rear four link independent steel spring suspension Optional 4-Corner adjustable air suspension with five suspension settings, additional mode to lower rear axle for loading the trunk

**BRAKES:**

Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front, size and type	13.8 in.	350 mm	- Ventilated disc
Rear, size and type	13.0 in.	330 mm	- Ventilated disc
Parking brake	Mechanically actuated at the rear wheels		

**WHEELS:**

	Standard 18" (CV4)	Standard 18" (CV8)	Optional 19" (CJ3)	Optional 20" (CS5)
Size	7.5Jx18	8.5J x 18	8.5Jx19	9Jx20
Offset	53 mm	58 mm	62 mm	60 mm
Weight	11.500 g	14.000 g	15.000 g	16.800 g
Type	Forged alloy	Cast alloy	Cast alloy	Cast alloy

**TIRES:**

	Standard 18" (HT7)	Standard 18" (HS8)	Optional 19" (HL7)	Optional 20" (HL8)
Size	235/60	255/55	265/50	275/45
Speed rating	H	H	H	H
Construction	Radial	Radial	Radial	Radial
Load Index	107	109	110	110
Brand / Type (all approved)	Goodyear Eagle LS 2	Bridgestone Dueler HL 400	Goodyear Eagle LS2	Conti 4x4 Contact
	-	Conti 4x4 Contact	Conti 4x4 Contact	-

<b>BODY:</b>	
Material	Unitized steel structure with integrated aluminum and magnesium components
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)
<b>CAPACITIES:</b>	
Engine oil (refill)	7.3 qt.      6.9 liter
Fuel tank	26.4 gal.      100 liter
Cooling system	9.5 qt.      9 liter
<b>EXTERIOR DIMENSIONS:</b>	
Wheelbase	118.2 in.      3002 mm
Track: front / rear	65.0 in.      1651 mm      /      66.0 in.      1676 mm
Overall length	200.2 in.      5086 mm
Overall width / with mirrors	78.1 in.      1983 mm      /      85.7 in.      2177 mm
Height (unloaded)	68.4 in.      1737 mm
Ground clearance	8.1 in.      205 mm      9.4 in. with optional Air Suspension      240 mm
	BASE      PLUS
Curb weight	5015 lbs.      2275 kg      5049 lbs.      2290 kg
Curb weight (incl. MA >33%)	5192 lbs.      2355 kg      5225 lbs.      2370 kg
Distribution % front / rear	52 / 48      51 / 49
Pay load	1279 lbs.      580 kg      1279 lbs.      580 kg
Drag coefficient steel/air susp.	Cw = 0.37 / 0.34      Frontal Area = 2.87 sq. m.
<b>INTERIOR DIMENSIONS (SAE measurements):</b>	
Seating Capacity	5 (opt. 6/7)
EPA class	Light Truck
Head room front / rear	39.5 in.      1003 mm      /      39.0 in.      990 mm
w/sunroof front / rear	40.0 in.      1017 mm      /      37.2 in.      945 mm
Shoulder room front / rear	58.7 in.      1490 mm      /      58.1 in.      1475 mm
Leg room front / rear	41.3 in.      1049 mm      /      37.1 in.      943 mm
Interior volume front / rear	55.36 cu. ft.      /      48.63 cu. ft.
Luggage Capacity	42.00 cu. ft.      total 145.99 cu. ft (including trunk volume)
<b>PERFORMANCE:</b>	
	BASE      PLUS
0-50 mph (0-80kmh)	5.9 sec.      5.9 sec.
0-60 mph (0-100 km/h)	8.2 sec.      8.2 sec.
1/4 mile	16.1 sec.      16.1 sec.
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)
<b>FUEL ECONOMY:</b> EPA estimate	
	BASE      PLUS
City	16 mpg      16 mpg
Highway	20 mpg      20 mpg
Combined	17 mpg      17 mpg
<b>FUEL ECONOMY:</b> Canadian Estimate	
	BASE      PLUS
City	14.9 liters/100km      14.9 liters/100km
Highway	11.2 liters/100km      11.2 liters/100km