

ENGINE:

Type	Aluminum, 90 degree V8 with variable intake manifold, continuous camshaft adjustment, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254.0 cu. in.	4163 cc	
Compression ratio	12.5:1		
Fuel requirement	Premium unleaded 91 RON / 95 RON recommended for maximum performance		
Horsepower (European)	350 hp	@ 6800 rpm	
Torque	325 lbs. ft.	@ 3500 rpm	440 Nm

ENGINE DESIGN:

Cylinder block	High integrity aluminum cylinder block
Crankshaft	Forged steel
Cylinder head	Aluminum alloy
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2
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® 9.1.1., sequential, direct injection with adaptive idle-charge control, acceleration enrichment, overrun fuel cut-off, adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cylinder selective adaptive knock control with four sensors
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors

ELECTRICAL SYSTEM:

Battery	12 volts	95 amp/hr
Alternator	14 volts	190 amp

DRIVETRAIN:

Transmissions	6-speed automatic with Tiptronic®		
Gear ratios:	1st	4.148:1	
	2nd	2.370:1	
	3rd	1.556:1	
	4th	1.155:1	
	5th	0.859:1	
	6th	0.686:1	
	rear	3.394:1	
	Final Drive	4.320:1	
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" (CV8)	Optional 19" (CJ3)	Optional 20" (CS5)
Size	8.5J x 18	8.5J x 19	9J x 20
Offset	58 mm	62 mm	60 mm
Weight	N/A	N/A	N/A
Type	Cast alloy	Cast alloy	Cast alloy

TIRES:

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

BODY:	
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)
CAPACITIES:	
Engine oil (refill)	9.7 qt. 9.2 liter
Fuel tank	26.4 gal. 100 liter
Cooling system	9.5 qt. 9 liter
EXTERIOR DIMENSIONS:	
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
	4.2 FSI 4.2 FSI Premium
Curb weight	5269 lbs. 2390 kg 5467 lbs. 2480 kg
Curb weight (incl. MA >33%)	5423 lbs. 2460 kg 5500 lbs. 2495 kg
Distribution % front / rear	52 / 48 52 / 48
Pay load	1279 lbs. 580 kg 1279 lbs. 580 kg
Drag coefficient steel/air susp.	Cw = 0.37 / 0.34 Frontal Area = 30.9 sq. ft.
INTERIOR DIMENSIONS (SAE measurements):	
Seating Capacity	7 (opt. 6)
EPA class	Light Truck
Head room front / middle / rear	39.5 in. 1003 mm / 39.0 in. 990 mm / 35.6 in. 904 mm
w/sunroof front / middle / rear	40.0 in. 1017 mm / 37.2 in. 945 mm / 35.4 in. 899 mm
Shoulder room front / middle / rear	58.7 in. 1490 mm / 58.1 in. 1475 mm / 48.6 in. 1235 mm
Leg room front / middle / rear	41.3 in. 1049 mm / 37.1 in. 943 mm / 29.2 in. 741 mm
Interior volume front / rear	55.36 cu. ft./ 48.63 cu. ft. / 29.22 cu. ft. total: 144.08 cu. ft (including trunk volume)
Luggage Capacity	10.87 cu. ft / 27.4 cu. ft. (3rd row folded) / 88.0 cu.ft. (2nd and 3rd row folded)
PERFORMANCE:	
	4.2 FSI 4.2 FSI Premium
0-50 mph (0-80kmh)	5.2 sec. 5.3 sec.
0-60 mph (0-100 km/h)	7.0 sec. 7.1 sec.
1/4 mile	15.1 sec. 15.2 sec.
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)
FUEL ECONOMY: EPA estimate	
	4.2 FSI 4.2 FSI Premium
City	n.a. mpg n.a. mpg
Highway	n.a. mpg n.a. mpg
Combined	n.a. mpg n.a. mpg
FUEL ECONOMY: Canadian Estimate	
	4.2 FSI 4.2 FSI Premium
City	n.a. liters/100km n.a. liters/100km
Highway	n.a. liters/100km n.a. liters/100km