

Technical Specifications																																											
ENGINE:																																											
Type	V6, spark-ignition direct injection																																										
Arrangement	Front mounted, longitudinal																																										
Bore	3.33 in. 84.5 mm																																										
Stroke	3.65 in. 92.8 mm																																										
Displacement	191 cu. in. 3123 cc																																										
Compression ratio	12.5:1																																										
Fuel requirement	Regular unleaded (87 AKI), Premium unleaded (91 AKI) recommended for maximum performance																																										
Horsepower (SAE)	255 hp @ 6500 rpm																																										
Max. Torque	243 lbs. ft. @ 3250 rpm																																										
ENGINE DESIGN:																																											
Cylinder block	Aluminium alloy																																										
Crankshaft	forged steel																																										
Cylinder head	Aluminium alloy																																										
Valve train / intake	DOHC, chain driven, continuous camshaft adjustment for the intake and exhaust valves																																										
Firing order	1 - 4 - 3 - 6 - 2 - 5																																										
Cooling system	Water-cooled, thermostatically controlled radiator fan																																										
Lubrication system	Gear pump, pressurized, full flow with oil cooler																																										
Fuel injection / Ignition system	fully electronic management with drive-by-wire throttle, petrol direct injection, cylinder-selective lamda control mapped ignition with solid-state high-voltage distribution, manifold-pressure controlled system																																										
Emission system	two close-coupled ceramic main catalytic converters																																										
ELECTRICAL SYSTEM:																																											
Battery	12 volts 110 amp/hr																																										
Alternator	14 volts 180 amp																																										
DRIVETRAIN:																																											
Transmission	multitronic or six-speed automatic with Tiptronic® and automatic shift lock																																										
Type	<table border="1"> <thead> <tr> <th colspan="2">Front-wheel drive</th> <th>quattro</th> </tr> <tr> <th colspan="2">Automatic</th> <th>Automatic</th> </tr> </thead> <tbody> <tr> <td>Gear ratios:</td> <td>1st</td> <td>2.510:1</td> <td>4.171:1</td> </tr> <tr> <td></td> <td>2nd</td> <td>1.476:1</td> <td>2.340:1</td> </tr> <tr> <td></td> <td>3rd</td> <td>1.095:1</td> <td>1.521:1</td> </tr> <tr> <td></td> <td>4th</td> <td>0.820:1</td> <td>1.143:1</td> </tr> <tr> <td></td> <td>5th</td> <td>0.636:1</td> <td>0.867:1</td> </tr> <tr> <td></td> <td>6th</td> <td>0.500:1</td> <td>0.691:1</td> </tr> <tr> <td></td> <td>7th</td> <td>0.382:1</td> <td></td> </tr> <tr> <td></td> <td>Reverse</td> <td>2.510:1</td> <td>3.403:1</td> </tr> <tr> <td></td> <td>Final Drive</td> <td>4.877:1</td> <td>3.539:1</td> </tr> </tbody> </table>	Front-wheel drive		quattro	Automatic		Automatic	Gear ratios:	1st	2.510:1	4.171:1		2nd	1.476:1	2.340:1		3rd	1.095:1	1.521:1		4th	0.820:1	1.143:1		5th	0.636:1	0.867:1		6th	0.500:1	0.691:1		7th	0.382:1			Reverse	2.510:1	3.403:1		Final Drive	4.877:1	3.539:1
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Front Differential	Hypoid gear, electronically locking (EDL)	Hypoid gear, electronically locking (EDL)																																									
Center Differential		differential providing automatic and variable front to rear power proportioning																																									
Rear Differential		Hypoid gear, electronically locking (EDL)																																									
STEERING:																																											
Type	vehicle speed-sensitive power rack and pinion																																										
Ratio	16.1:1																																										
Turns (lock-to-lock)	2.74																																										
Turnina circle (curb-to-curb)	39.0 ft. 11.9 m																																										

Technical Specifications (continued)
WHEELS:

Size	7.5J x 16 alloy 6-spoke-structure design (7.5J x 17 alloy 16-spoke-star or 8J x 18 alloy 7-arm optional) for quattro Model: 7.5J x 17 cast alloy 16-spoke-star (8J x 18 cast alloy 7-arm optional)
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TIRES:

Size	225 / 55 R 16 all-season (for quattro Model: 245 / 45 R 17 all-season) (245 / 45 R 17 all-season or 245 / 40 R 18 all-season optional)
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BODY:

Material	galvanized steel
Corrosion protection	Multi-step anti-corrosion protection

CAPACITIES:

	Front wheel drive		quattro	
Engine oil	6.9 qt.	6.5 liter	6.9 qt.	6.5 liter
Fuel tank	21.1 gal.	80 liter	21.1 gal.	80 liter
Cooling system	10.1 qt.	9.6 liter	10.1 qt.	9.6 liter

EXTERIOR DIMENSIONS:

	Front wheel drive				quattro					
Wheelbase	111.9 in.	2843 mm			111.9 in.	2843 mm				
Track: front / rear	63.5 in.	1612 mm	/	63.7 in.	1618 mm	63.5 in.	1612 mm	/	63.7 in.	1618 mm
Overall length	193.5 in.	4916 mm			193.5 in.	4916 mm				
Overall width	79.2 in.	2012 mm			79.2 in.	2012 mm				
Height (unloaded)	57.4 in.	1459 mm			57.4 in.	1459 mm				
Ground clearance (loaded)										
man. / auto.	n.a. in.	n.a. mm	/	4.6 in.	118 mm	n.a. in.	n.a. mm	/	4.6 in.	118 mm
Curb weight man. / auto.	n.a. lbs.	n.a. kg	/	3825 lbs.	1735 kg	n.a. lbs.	n.a. kg	/	4034 lbs.	1830 kg
Distribution % front / rear	n.a. / n.a.				57.6 / 42.4		n.a. / n.a.			
Drag coefficient	Cw = 0.29		Frontal Area = 2.26 sq. m.							

INTERIOR DIMENSIONS:

Seating Capacity	5									
EPA class	Mid-Size-Class									
Head room front / rear	38.7 in.	982 mm	/	37.8 in.	959 mm					
w/sunroof front / rear	37.5 in.	952 mm	/	37.8 in.	960 mm					
Shoulder room front / rear	57.1 in.	1450 mm	/	55.9 in.	1421 mm					
Leg room front / rear	41.3 in.	1050 mm	/	36.9 in.	938 mm					
Int. vol. (EPA) front / rear	52.8 cu. ft.		/	45.14 cu. ft.		= total of 97.94 cu. ft				
Luggage capacity (EPA)	15.9 cu. ft.									

PERFORMANCE:

	Front wheel drive		quattro	
	Automatic		Automatic	
0-50 mph (0-80kmh)	5.3 sec.		4.9 sec.	
0-60 mph (0-100 km/h)	6.9 sec.		7.1 sec.	
1/4 mile	15.2 sec.		15.4 sec.	
Top speed	Top speed is electronically limited to 130 mph (209 km/h)			

FUEL ECONOMY: EPA estimate

	Front wheel drive	quattro
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