

## PENTASTAR 3.6-Liter V6 GENERAL SPECIFICATIONS

(Preliminary – Subject to change)

Type and Description	60-degree V type, Dual Overhead Camshaft, liquid cooled	
Displacement	220 cu. In	3.604 cu. cm
Bore x stroke	3.38 x 3.27	96.0 x 83.0
Crankshaft	Fillet rolled, nodular cast iron	
Connecting Rods	Forged, sintered cracked	
Pistons	Cast Aluminum	
Valve System	Chain driven DOHC with dual independent cam phasing; 24 valves, hydraulic end pivot roller rockers	
Valve Dimensions/angle	Intake 39mm, 17 degrees; Exhaust 30mm, 18.8 degrees	
Combustion Chamber	Four valve, pent roof, 52.7cc	
Fuel Delivery	Sequential, multi-port, electronic, return less	
Construction	Aluminum, deep skirt block with aluminum alloy cylinder heads	
Engine Length	503mm	
Engine Width	567mm	
Compression ratio	10.2:1	
Fuel requirement	Unleaded regular, 87 octane. E85 capable	
Oil Capacity	6 quarts (5.7L) with filter	
Oil Change Intervals	8,000 miles/12,875km	
Coolant Capacity	14.0 qts. (13.25L)	
Firing Order	123456	
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal; Tier-II Bin 5	

### 3.6 – LITER PENTASTAR V6 GENERAL SPECIFICATIONS

Vehicle	Charger	Challenger	Cherokee	Avenger/200	Minivan
Horsepower @ rpm	292@6350	305@6350	290@6350	283@6350	283@6350
Kilowatts	218kW	227kW	216kW	211kW	211kW
Torque lb. ft. @ rpm	260@4800	268@4800	260@4300	260@4400	260@4400
Newton metres	353Nm	363Nm	353Nm	353Nm	353Nm