## ENGINE: 3.0-LITER HURRICANE TWIN-TURBO I-6 - HO

<table>
<thead>
<tr>
<th>Type and Description</th>
<th>In-line 6 cylinder (I-6), Twin Turbocharged, Direct Injection, Gasoline</th>
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<tbody>
<tr>
<td><strong>Displacement, cu. in. (cu. cm.)</strong></td>
<td>183 (2,993)</td>
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<td><strong>Bore x Stroke, in. (mm)</strong></td>
<td>3.31 x 3.54 (84.0 x 90.0)</td>
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<tr>
<td><strong>Valve System</strong></td>
<td>DOHC, Dual independent valve timing, hydroformed tubular camshafts, 24 valves with sodium-filled exhaust valves, roller finger followers, hydraulic lash adjusters</td>
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<td><strong>Fuel Injection</strong></td>
<td>Gasoline direct injection, centrally located injectors, dual high pressure pumps providing up to 5,075 psi (350 bar) to a single fuel rail</td>
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<td><strong>Lubrication</strong></td>
<td>Chain driven pump assembly with continuously variable displacement vane type pressure stage and single gerotor type scavenge stage, 6 pressure activated piston cooling jets, oil to coolant heat exchanger, oil level sensor</td>
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</tbody>
</table>
### Cooling
- Dual (high temp./low temp.) circuits:
  - High temp. circuit with belt driven pump, low restriction ball-valve thermostat, electrically driven after-run pump for turbochargers
  - Low temp. circuit for charge air cooler with electrically driven pump

### Construction
- Deep-skirt cast-aluminum block with cross-bolted steel main bearing caps, low friction plasma spray-bore coated cylinders, structural die-cast aluminum alloy oil pan, aluminum alloy head with pent-roof combustion chambers, forged and twisted steel crankshaft, forged steel connecting rods, forged aluminum alloy pistons with DLC coated piston pins

### Firing Order
1 - 5 - 3 - 6 - 2 - 4

### Compression Ratio
9.5:1

### Power (SAE J2723)
More than 500 hp

### Torque (SAE J2723)
More than 475 lb.ft.

### Max. Engine Speed
6,100 rpm (electronically limited)

### Peak Boost
26.0 PSI

### Fuel Requirement
Premium 91 octane (R+M)/2 — required

### Oil Capacity, qt. (liter)
7.5 (7.1) Oil change with filter

### Coolant Capacity, qt. (liter)
- High Temp. Circuit: 16.6 (15.7)
- Low Temp. Circuit: 2.85 (2.70)

### Factory Oil Fill
Pennzoil Ultra Platinum 0W-40 (API SP)

### Emission Controls
Dual close-coupled 2 stage three-way catalytic converters, quad heated oxygen sensors and internal engine features

### EPA Fuel Economy mpg (city/hwy/combined)
TBA

### Assembly Plant
Saltillo North Engine Plant, Saltillo, Mexico