



FORD COMPONENT SALES

Ford 7.3L V8 PFI Engine

Technical Specifications

Engine Type: 7.3L PFI Gas V8

Block / Head: Iron / Aluminium

Bore x Stroke (in): 106.93 x 101.09

Displacement (litres / cu. in): 7.3L / 445 cu. in

Main Bearings: 5

Compression Ratio: 10.5:1

Fuel Injection: Sequential Fuel Injection

Valve Operation: Push rod/rocker arms

Induction: Naturally aspirated

Power (HP @ RPM): 430@5500

Torque (lb.-ft @ RPM): 475 @ 4000

Oil Capacity / Spec: 8 Qts. / SAE 5W-30

Weight (lbs.): 263.1 kg / 580 lbs (Engine as shipped)

Dimensions (mm) H x W x L: 758 x 834 x 767

Ford's 7.3L PFI gas V8 engine is newly designed and built from the ground up. This engine implements the same anti-wear materials as Ford's turbocharged applications, adding more long-term strength. Its push rod design has two valves per cylinder, with push rods allowing for a more compact design, and roller valve actuation offering greater efficiency. This engine is smaller, lighter, provides more torque and horse power, plus better fuel economy than its 6.8L predecessor.



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Key Features & Benefits

Overhead valves (two valves per cylinder) In-Block Camshaft

Push rod/rocker arm design valve train

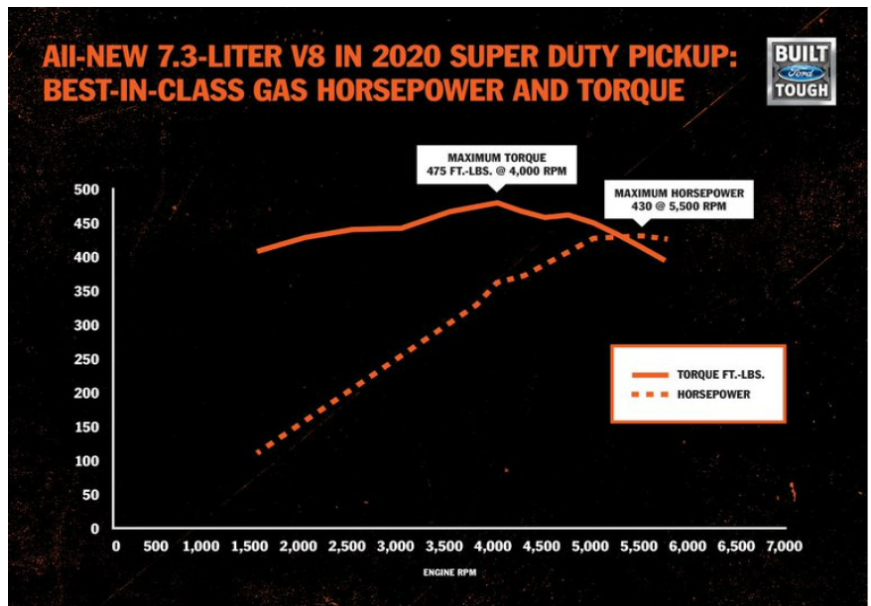
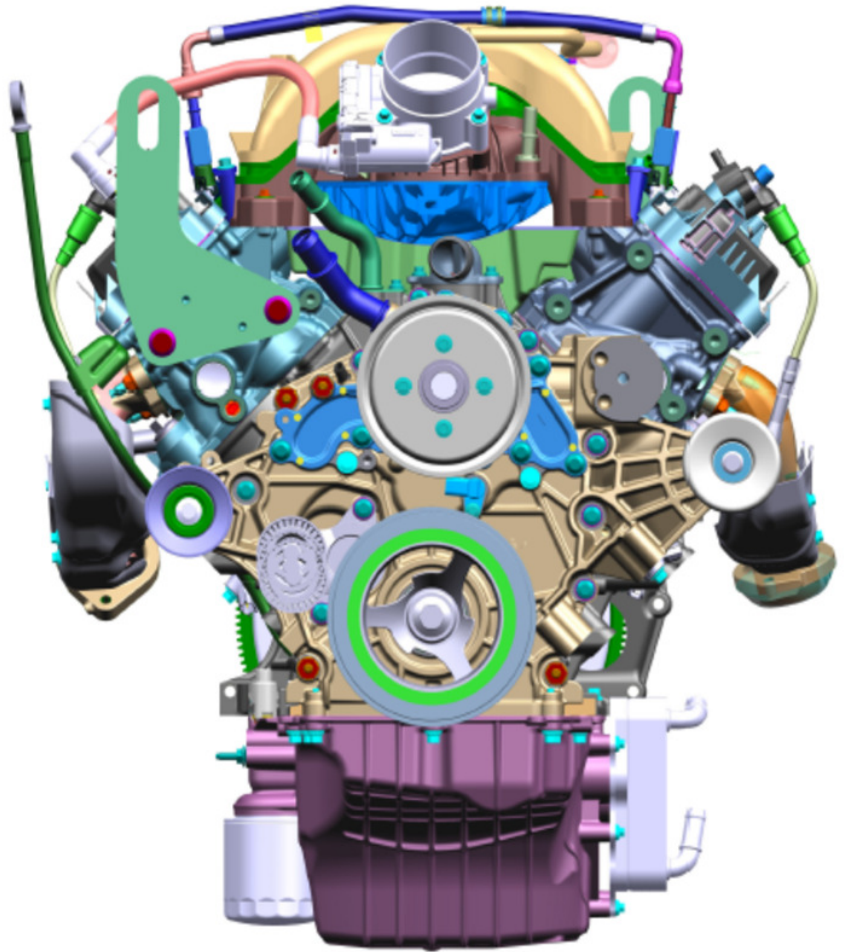
Dual Equal Variable Camshaft Timing (DEVCT)

Aluminium cylinder head (high airflow cylinder head intake and exhaust ports)

Cast iron, 90-degree V-cylinder block

Forged steel crankshaft

Variable displacement oil pump



Specifications, features, and benefits applicable to engines and transmissions are based on Ford products, and may vary with different applications. Pictures and details shown are for illustrative purposes only (actual product may vary). Additionally, the availability of the product(s) described herein may vary. Contact Ford Component Sales, for details.