



## FORD COMPONENT SALES

# Ford 2.5L I4 PFI Engine

### Technical Specifications

Engine Type: 4-cyl., Inline, Dual Overhead Cam, 16-valve

Block / Head: Aluminium / Aluminium

Bore x Stroke (in): 89 x 100

Displacement (liters / cu. in): 2.5L

Main Bearings: 5

Compression Ratio: 9.7 : 1

Fuel Injection: Sequential Multiport Fuel Injection

Valve Operation: Direct Acting Mechanical Bucket (DAMB)

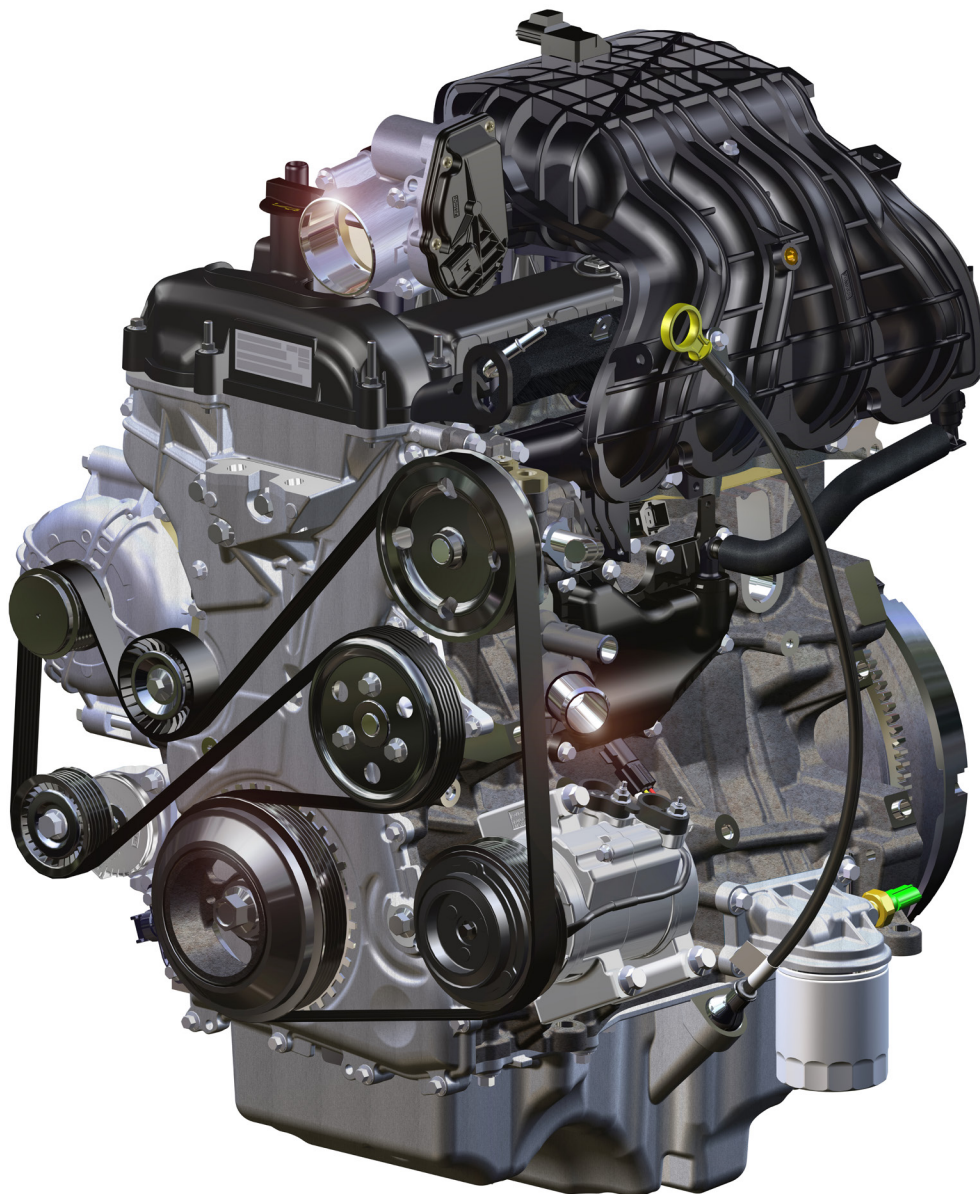
Power (HP @ RPM): 122 (164) @ 5500

Torque (lb.-ft @ RPM): 213 (157) @ 1500

Oil Capacity / Spec: 7 Qts. / GF-4 SAE 5W-20

Weight (lbs.): 282 (Engine as shipped)

Dimensions (mm) H x W x L: 830 x 502 x 612



[fordcomponentsales.com](http://fordcomponentsales.com)

Dunton Technical Centre, Arterial Road, Laindon, Essex, SS15 6EE

 [fcseuqry@ford.com](mailto:fcseuqry@ford.com)

# Ford 2.5L I4 PFI Engine

## Key Features & Benefits

Aluminium engine block and cylinder head help contribute to low vehicle weight

Camshafts driven by timing chain, not belt, for more robustness

DOHC design uses four valves per cylinder improves engine breathing and performance

Direct Acting Mechanical Bucket (DAMB) valve train with polished buckets to reduce friction and improve fuel economy. No adjustment needed throughout engine life (150,000 miles)

Sequential multi-port electronic fuel injection provides fuel at precisely the right moment for optimum performance

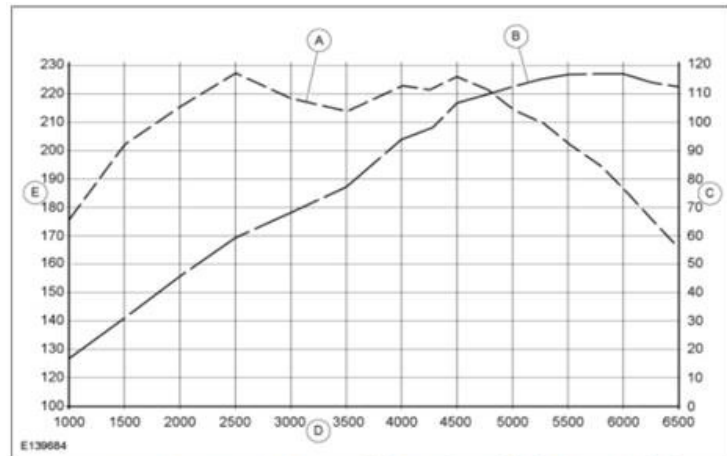
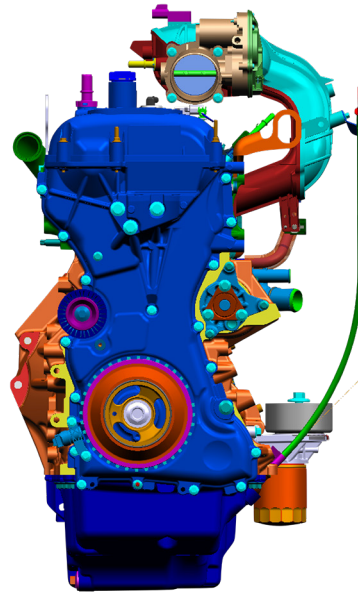
Coil-on-plug ignition system design replaces spark plug wires for high-mileage durability

Electronic throttle control, also known as "drive by wire" uses electronic sensors to operate the throttle

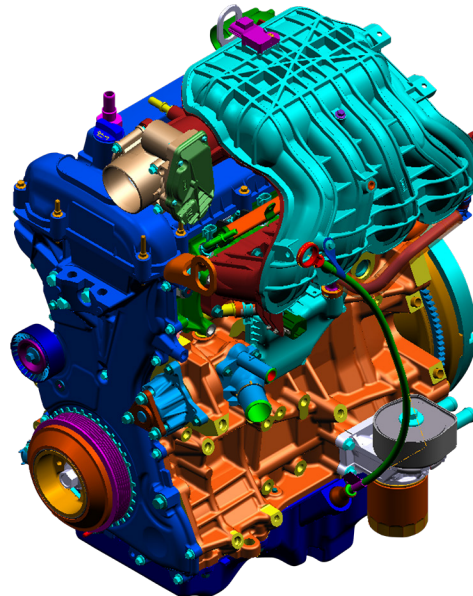
Gaseous Fuel Capable Option

Intake-Variable Cam Timing allows the camshafts to operate the intake valves at different times in the combustion cycle, based on speed and load. It adjusts the timing for maximum performance and efficiency

Composite intake manifold for improved airflow



A. Torque curve - B. Power curve - C. SAE Power (kW) - D. Engine speed (rpm) - E. SAE torque (Nm)



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.