



## FORD COMPONENT SALES

# 5.0L PFDI V8 Engine F-150

### Technical Specifications

Engine Type: 5.0L PFDI 32v V8

Block / Head: Aluminum /  
Aluminum

Bore x Stroke (in): 3.63 x 3.65

Displacement (litres / cu. in):  
5.0L / 307 cu. in

Main Bearings: 5

Compression Ratio: 12:1

Fuel Injection: Port Fuel Direct-  
Injection (PFDI) Dual System

Valve Operation: DOHC, roller  
finger followers, 4 valves per  
cylinder

Power (HP @ RPM):  
400 @ 6,000

Torque (lb.-ft @ RPM):  
410 @ 4,500

Oil Capacity / Spec:  
7.75qts or 7.33L (Service fill  
including oil filter)

Weight (lbs.):  
453 / 205.5 (less accessory  
drive components)

Dimensions (mm) H x W x L:  
780 x 797 x 800



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

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

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

# 5.0L PFDI V8 Engine F-150

## Key Features & Benefits

Dual overhead camshaft (DOHC)

Plasma transferred wire arc (PTWA)

Port Fuel and Direct Injection (PFDI) fuel system

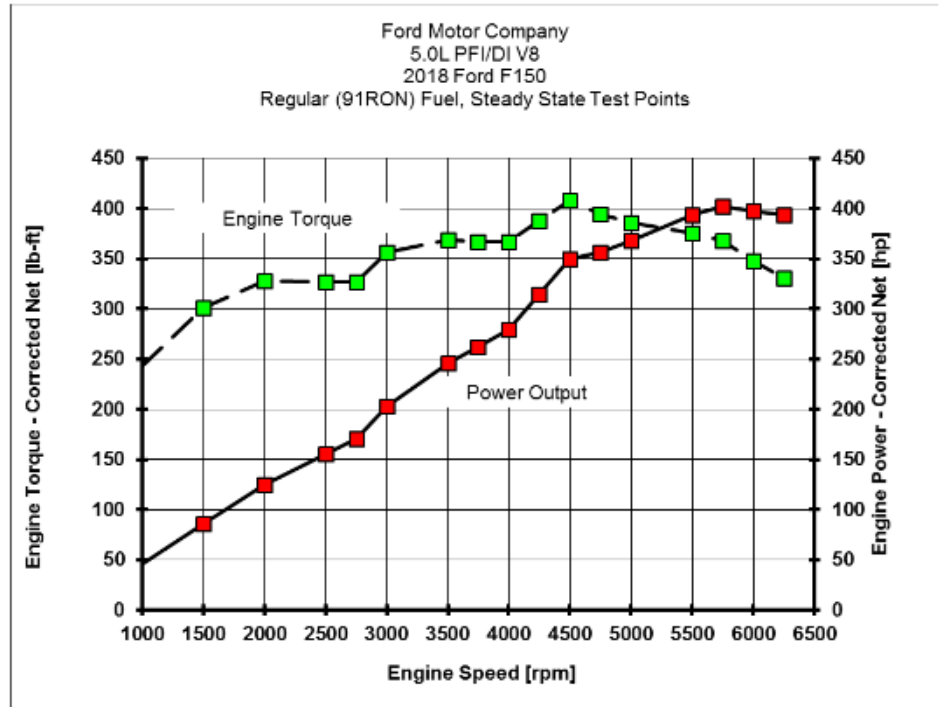
Twin independent variable camshaft timing (Ti-VCT)

Flex-fuel (FFV) capability

Cast-iron exhaust manifolds for heavy-duty operation

Intake manifold with charge motion control valves (CMCV)e

Sinter-forged connecting rods



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). Power curves are correct at time of publication. Additionally, the availability of the product(s) described herein may vary. Contact Ford Component Sales, for details. Power curves correct at time of publication