



FORD COMPONENT SALES

3.5L Duratec I4 PFDI Engine

is a new engine as of 2020 and compared to its predecessor, the 3.7L Ti-VCT V6, this engine has virtually no difference in power, even with a smaller displacement.

Technical Specifications

Engine Type: 3.5L Duratec PFDI

Cyl Head/Block: Aluminium / Aluminium

Bore x Stroke mm: 92.48 x 86.96

Displacement : 3.5L / 213 cu.in

Main Bearings: 4

Compression Ratio: 10:01

Power HP @ rpm: 275 @ 6,500

Torque lb-ft @ rpm: 262 @ 3,750

Oil Capacity: 6 Quarts

Oil Specification: SAE 5W - 20

Valve Operation: Direct-acting mechanical bucket Induction:

Naturally aspirated

Fuel Injection: Port Fuel Direct-Injection PFDI dual system

Weight (kg / lbs.): 177 kg / 390.2 lbs.

Dimensions (mm): 705.96 x 780.51 x 661.37 H x W x L



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3.5L Duratec I4 PFDI Engine

Key Features

Dual overhead camshafts

Four valves per cylinder

Sequential Multi-Port Fuel Injection (SFI)

Direct fuel Injection (DI)

High-pressure fuel pump

Twin independent Variable Camshaft Timing (Ti-VCT)

Electronic ignition system with 6 ignition coil-on-plugs

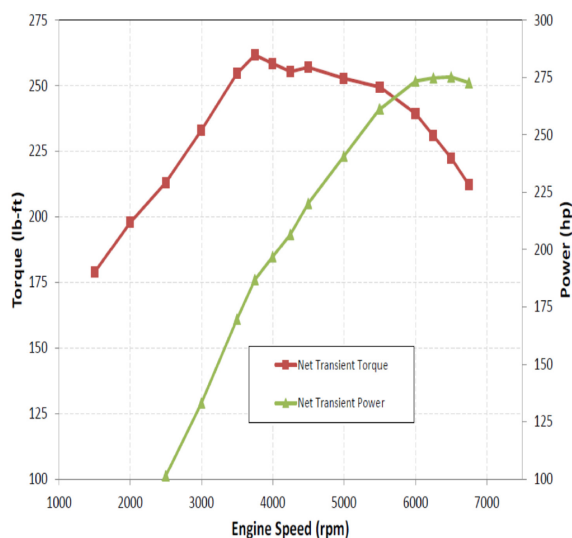
Variable displacement oil pump



SAE CERTIFIED NET POWER RATING

2020 Ford Transit 3.5L-4V TiVCT V6

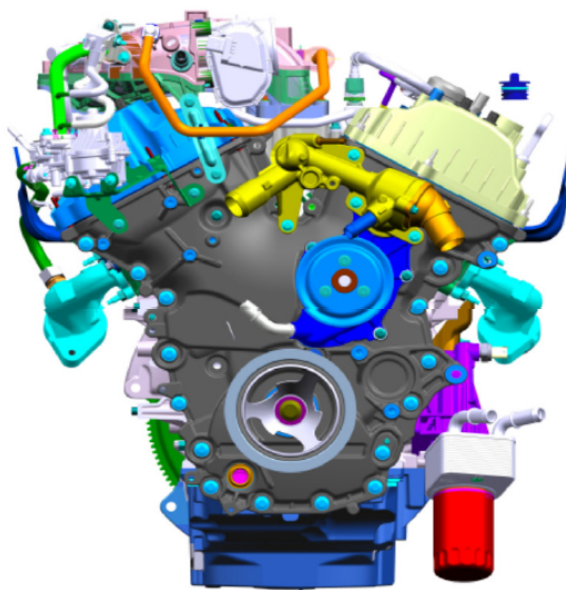
Performance Obtained and Corrected In Accordance with SAE J1349 rev. Sept 2011



SAE Advertised Performance with Regular Fuel

262 lb-ft at 3750 RPM

275 hp at 6500 RPM



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.