



FORD COMPONENT SALES

5.2L V8 Engine in the F150 Raptor

Technical Specifications

Engine Type: 5.2L 32v Ti-VCT - Supercharged

Block / Head: Aluminium / Aluminium

Bore x Stroke (in): 3.7 (94mm) x 3.661 (93mm)

Displacement (litres): 5.2L

Main Bearings: 5

Compression Ratio: 9.5 : 1

Fuel Injection: TI-VCT

Valve Operation: Roller Finger Follower

Power (HP @ RPM): 720 @ 6,650RPM

Torque (lb.- t @ RPM): 640 @4,250RPM

Oil Capacity/Spec: 6.2 Qts / SAE 5W-30

Weight (lbs/kgs.): 549/249 (Engine as shipped)

Dimensions (mm) H x W x L: 742 x 702 x 783



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

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Key Features and Benefits

Dual Overhead Camshafts

4 valves per cylinder

90 degree V-cylinder block

Twin Independent VCT system

Independently chain-driven camshafts with hydraulic timing chain tensioner on each timing chain

Supercharger

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.