



3.5L EcoBoost: Performance of a V8 – Fuel Economy of a V6

3.5L EcoBoost V6

- Upgraded lightweight, die-cast aluminum block
- Four valves per cylinder
- Improved fuel economy, improved performance and lower CO₂ emissions compared to larger V8 engines
- Electronic wastegate control – improved performance, driveability and boost system NVH (noise, vibration and harshness)

Direct-Injection Fuel System

High-pressure fuel system for improved fuel economy, improved performance and lower emissions

High Compression Ratio

10.0:1 compression ratio for improved engine efficiency

Variable Camshaft Timing

Variable camshaft timing for optimized fuel economy, performance and emissions

Dual Water-Cooled Turbochargers

- Dual turbos for improved torque response
- Water cooled for improved durability
- Improved low-speed torque and peak power

Higher Alloyed Crankshaft and Connecting Rods

Improved crankshaft and connecting rod strength for greater durability

Oil-Cooled Pistons with Fully Machined DI Feature

- Oil-cooled pistons for improved durability
- Fully machined direct-injection features for improved fuel economy and combustion

