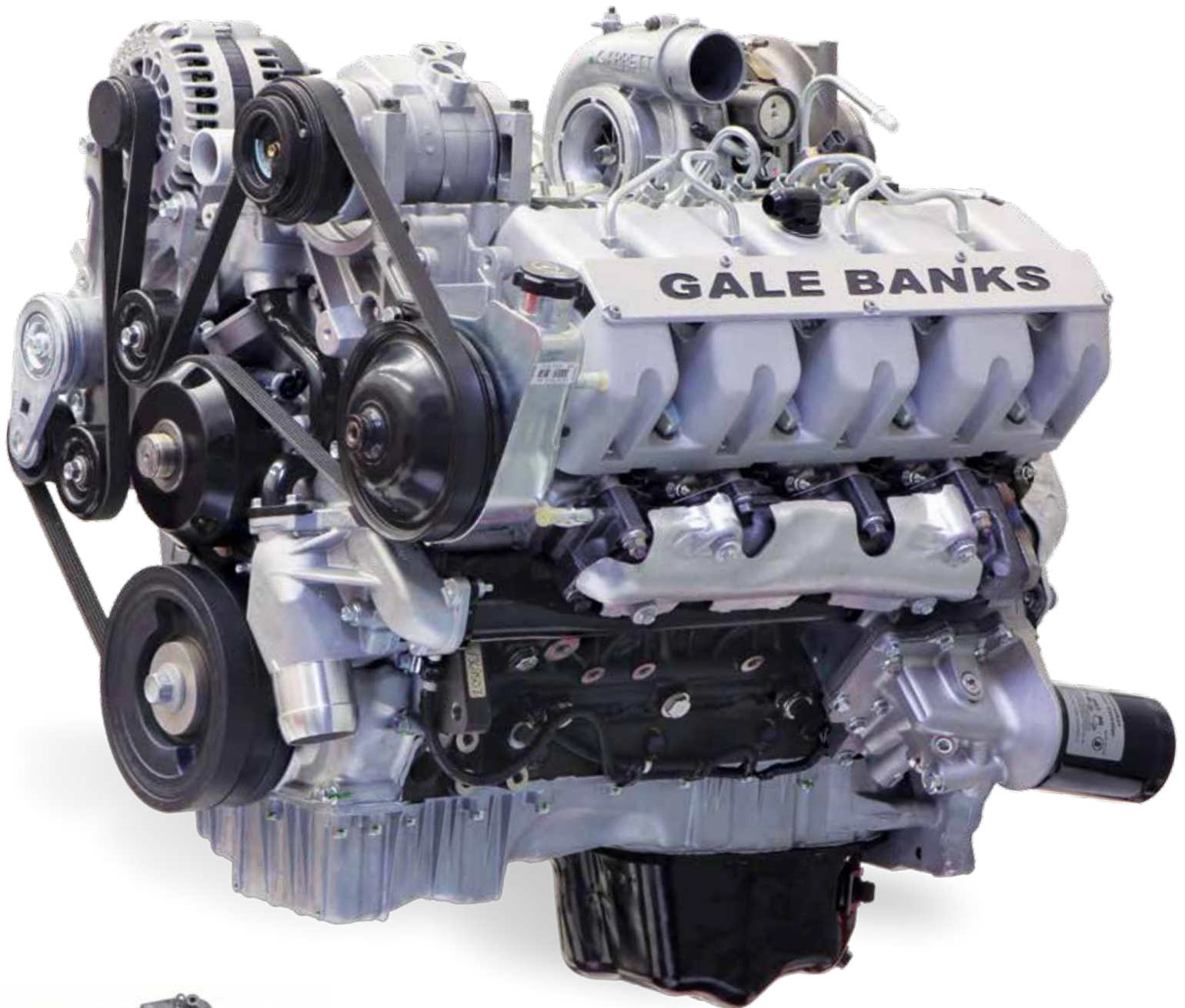




GALE BANKS 866T

V8 6.6L DIESEL



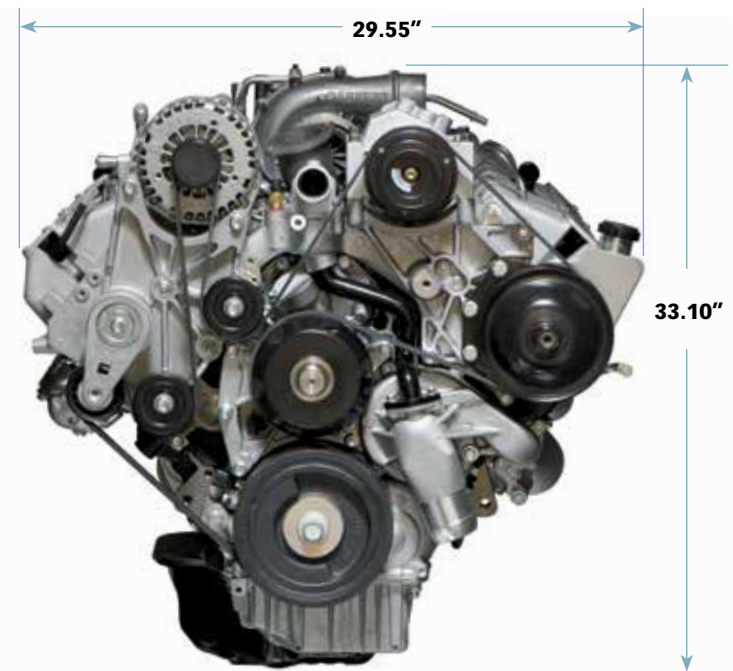
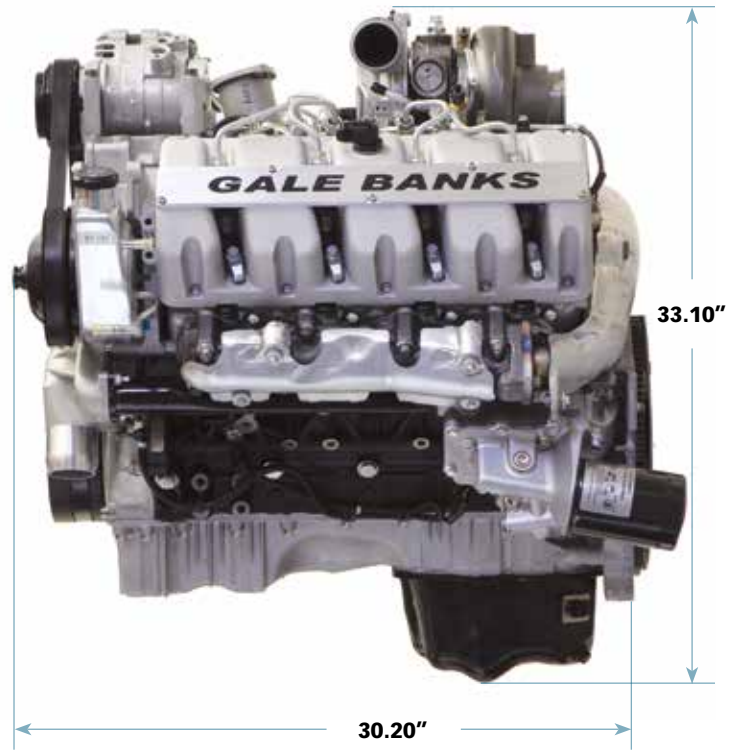
» The 866T is a high-performance V8 turbo diesel engine displacing 6.6L and is available with ratings from 400 hp @ 3000 rpm to 575 hp @ 3800 rpm. It is common rail equipped and controlled by the AutoMind® EDC featuring J1939 CAN communications, gear-based torque management, OBD-II style diagnostics, and many active protection features. A variable speed governor is available for applications requiring active engine speed management.

AutoMind® EDC

GALE BANKS 866T

V8 6.6L DIESEL

- » **Engine Management:** AutoMind® Electronic Diesel Controller
- » **Displacement:** 6.6L [403ci]
- » **Configuration:** 90 Degree V8
- » **Bore x Stroke:** 103 mm x 99 mm [4.06 in x 3.90 in]
- » **Compression Ratio:** 16.8:1
- » **Valvetrain:** Pushrod OHV, 4 valves / cylinder
Gear Driven Camshaft with Solid Roller followers
- » **Valve Sizes:** 33 mm [1.30 in] (Intake),
31 mm [1.22 in] (Exhaust)
- » **Weight:** 406 kg [895 lb]
- » **Base Power:** 205 – 429 kw [275 – 575 hp] @ 3000 – 3800 RPM
- » **Base Torque:** 814 – 1220 Nm [600 – 900 lb-ft] @ 1600 – 2200 RPM
- » **Max RPM:** 4400
- » **High Pressure Fuel System:** Bosch Common Rail,
CP3.3 injection pump, 2000 bar [29,000 psi] max pressure
- » **Turbocharger:** Electronically Controlled VGT,
Journal Bearing, Water Cooled
- » **Cylinder Case:** Six M14 Head Bolts per Cylinder,
Six M12 Bolts / Main Journal
- » **Crankshaft:** Forged 1050 Steel, 80 mm [3.15 in] Main /
63 mm [2.48 in] Connecting Rod Journals
- » **Peak Combustion Pressure:** 165 bar [2400 psi]
- » **Oil System:** Gear pump, engine coolant heat exchanged
(auxiliary cooler required for higher ratings), one piston
cooling nozzle / piston



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