

Cat[®] Performance Upgrade Kits

For Select 3508, 3512, and 3516 Marine Engines



Today's Technology. Yesterday's Engines.

Cat[®] Performance Upgrade Kits for select Marine 3500 engines offer significant benefits for your next overhaul.

- Kit includes proven system parts required to convert from a mechanical to electronic injection control system
- Estimated average rated speed fuel savings of 4%; sometimes exceeding 9%
- Provides improved acceleration and load acceptance
- Reduces vibration and noise
- Improves diagnostic and display capability
- Provides exceptional life with Genuine Cat[®] parts

Bottom Line: Performance upgrade kits can achieve a return on investment well before the first major overhaul, and offer significant on-going savings.



Cat® Performance Upgrade Kits for Select 3500 Marine Engines

Impact on Your Business



Fuel Savings

- Average fuel savings of 4%; sometimes exceeding 9%
- Estimated return on investment possible in less than 9000 hours; potentially less than 3000 hours
- Significant on-going fuel savings



Performance and Features

- Improved acceleration and load acceptance
- Turbocharger optimized for engine efficiency
- No negative impact on horsepower; some increases
- Less vibration and noise
- Improved diagnostic capability
- Live messages and alarms
- Optional user configured display (real time information)



Investment

- Achieves fuel savings without the cost of removing and replacing the engine
- Can be implemented during a scheduled major overhaul



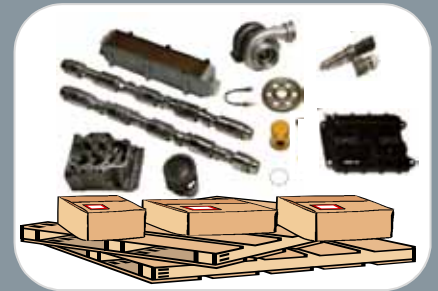
Sustainability

- Decreased fuel consumption leads to a reduction in greenhouse gases like Carbon Dioxide

For additional information including testimonials refer to:
www.cat.com/EmissionsSolutions

How it works

Installation of the Cat® Performance Upgrade Kits can be accomplished in hull without major modifications to the vessel, and the kit design simplifies the process. The primary components are listed below.



Electronic Control	Aftercooler
Camshafts	Valve Mechanisms
Cylinder Heads	Cylinder Packs
Water Lines	Flywheel Housing
Exhaust Manifold	Fuel Injectors
Turbo Oil Lines	Heat Shields*
Oil, Fuel, & Air Lines	Turbocharger
	Wiring

Applicability

Solutions apply to many 3508, 3512, and 3516 marine engines. Consult with your Cat® Dealer for application requirements.

*ordered separately

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.

