

## COOPER'S CAT G3600 SUPPORT

Proven Solutions. Trusted Support.

### Overview

Cooper offers a comprehensive after-sale support program for CAT G3600 engines. This program includes remanufactured power heads, high-quality pre-chambers, and Cooper's 25K, 50K, 75K, and 100K-hour full overhaul kits for Caterpillar (CAT) G3600 natural gas engines—available for delivery from Cooper's Deer Park, Texas Center-of-Excellence.

### Service & Repairs

Cooper provides a complete line of field and shop services for CAT G3600 engines. From preventative maintenance to shop and field overhauls, supported by our global network of facilities. Cooper service teams are fully trained on CAT G3600 engines and stand ready to support our customers' service needs. Dynotested remanufactured engines as well as assemblies are zero-hour overhauled and carry a 1-year warranty.

### Cooper's CAT G3600 Power Head Exchange Program

The new Cooper power cylinder head cell produces fully assembled and tested power heads that include new premium parts such as springs, valves, guides, keepers, and valve seats. This kit contains Cooper-designed inconel exhaust valves for improved reliability and operational life.

The fully assembled heads are hydrostatically pressure-tested, certified, and delivered ready-to-install with our premium head gasket kits which can be tailored to meet customer needs. Cooper's leak-free CAT G3600 pre-chambers have been thoroughly vetted by the industry via substantial field trials.

### Cooper's CAT G3600 Pre-Combustion Chamber

Cooper's standard one-piece pre-combustion chambers are engineered by industry-renowned experts with extensive



design experience. Manufactured from a solid steel billet, each pre-chamber is fully tested and field-validated by producers and midstream pipeline companies in the harshest operating environments.

Cooper offers complete CAT G3600 power heads with optional pre-chambers installed. Each assembly is hydrostatically pressure tested, certified, and delivered ready for installation.

For additional cost savings, Cooper also provides refurbished CAT G3600 pre-combustion chambers using Inconel replacement tips. A pre-combustion chamber exchange program is available as an alternative solution.

### Our Overhaul Kits Are In Stock

Cooper's 25K, 50K, 75K, and 100K hour kits are in inventory and ready for shipment. They come pre-packaged with all of the necessary seals and gaskets required for installation. The kits contain:

Componentry	25K Hr.	50K Hr.	75K Hr.	100K Hr.
Exchange Heads	●	●	●	●
Waste Gate	●	●	●	●
Turbocharger	●	●	●	●
Rod Bearings	●	●	●	●
Pre-Chamber	●	●	●	●
Fuel System	●	●	●	●
Seals & Gaskets	●	●	●	●
Pistons		●		●
Liners		●		●
Main Bearings		●		●
Choke Assembly		●		●
Cam Bearings		●		●
Connecting Rods				●
Vib. Damper Kit				●

**LEGENDS DON'T STOP. WE MAKE SURE OF IT.™**

## Cooper's CAT Turbochargers for CAT G3600 Engines

Cooper's turbocharger division, Turbocharger Solutions International (TSI), offers a full range of product support for CAT G3600 turbochargers operating on a wide range of fuels such as natural gas, diesel, landfill gas, and biogas. From parts, to repairs, to a full inventory of unit exchange turbochargers, we have you covered. We offer door-to-door pickup and delivery, and all turbochargers are shipped in reusable custom steel containers. Each unit has been spin-tested and comes with a complete set of installation gaskets.

Exchange, repair, and overhaul services for turbochargers are available for the following engine models:

- › G3516B, G3516J
- › G3520, D3520, LFG3520
- › G3606, G3608, G3612, G3616 – ADEM – A3/A4 (turbochargers of 1st, 2nd, and 3rd gen models)
- › GCM34-12, GCM34-16

Proper turbocharger testing is vital to achieving exceptional performance. Our 6,200 sq. ft. test cell in Salina, Kansas houses three sophisticated turbocharger test stands that permit testing of all turbochargers. This closed-loop system simulates on-engine conditions with two gas-fired burners. Real-time internet test monitoring allows the option of remote witness testing.



Cooper's CAT G3600 2nd Gen Turbocharger

## Cooper's CAT G3600 Controls Upgrades

Cooper has designed and delivers automation and custom control panel upgrades for CAT G3600 engines. By leveraging our advanced technologies, deep engine expertise, and extensive project management experience, we help you increase horsepower, improve operating efficiency, enhance reliability, and reduce maintenance costs.

## Proven Results

Cooper has supplied the global market with hundreds of CAT G3600 premium exchange heads. As a result, several end users have selected Cooper as their primary supplier for all future maintenance kits.

Contact your Cooper sales representative to learn more about Cooper's CAT G3600 product and service offerings.



Cooper's CAT G3600 Inventory

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