

**THE UPGRADE
YOU WANT.
THE PERFORMANCE
YOU NEED.**

**VISIT
[CAT.COM/G3600](https://cat.com/g3600)
TO LEARN MORE**

**GEN 2
KITS
A NEXT
LEVEL
UPGRADE.**

**TIME FOR YOUR CAT[®]
G3600 TO BECOME
THE UPGRADED G3600.**

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WITH OVER 8,500 G3600 ESS, A3 AND A4 GEN 1 ENGINES IN THE FIELD, IT'S CLEAR WHY THEY ARE CONSIDERED THE FOUNDATION OF GAS COMPRESSION OPERATIONS. NOW, IT'S TIME FOR THE NEXT EVOLUTION OF YOUR ENGINE WITH THE LATEST CAT® UPGRADE OPTIONS.

FROM OLD RELIABLE TO STILL RELIABLE.

DON'T SETTLE when it comes to your operation's long-term needs, because the engine you've trusted for the past three decades is ready for an upgrade.

UNLOCK THE FULL POTENTIAL of your G3600 A3 or A4 Gen 1 models to safeguard your investment and help it match the performance expectations of today – all without breaking the bank. Use the products developed with your Cat engine in mind.

THE ENGINE YOU TRUST. NOW WITH FEWER EMISSIONS.

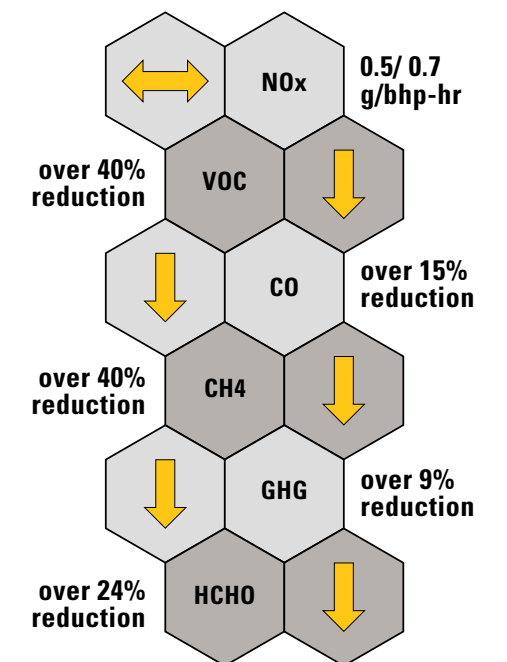
CAT® G3600 A3 GEN 2 KIT

SINCE ITS INTRODUCTION IN 2002, Cat® G3600 A3 engines have helped Caterpillar match the sector's growing needs with field-proven reliability. The Cat G3600 Gen 2 Kit helps meet your sustainability goals by offering a retrofit that can lower emissions output.

FEATURES AND BENEFITS

- **Advanced Combustion Technology**
 - Piston, Rings, Liner + Prechamber design updated
 - Lower emissions through reduced crevice volumes and improved combustion
 - Cuffed liner reduces risk of carbon deposits
- **Emissions Reduction in methane, GHG, CO, VOC, and formaldehyde**
 - May help to reduce cost of aftertreatment
- **No change to preventive and overhaul maintenance intervals**
- **Available in both 0.5 g/bhp.hr and 0.7 g/bhp.hr NOx ratings**
- **Most cost-effective when applied at major overhaul or at time of piston and liner replacement**
- **Can be applied to ESS engines that are fully converted to A3 engines**

A3 GEN 2 UPGRADE COMPARED TO AN A3 GEN 1



Conditions: 85MN, 905 BTU/scf LHV, 100% speed & load, 77F Ambient, 500ft altitude

Gen 1 and Gen 2 components and related engine software should not be mixed in a single engine. The engine must have all Gen 1 or Gen 2 parts installed, or performance, engine emissions, and durability could be impacted. Emissions reductions may vary, it is recommended that operators conduct Gas Engine Rating Pro (GERP) analysis for site-specific conditions to estimate the amount of emissions reductions that are achievable for the particular application.

THE LEGEND CONTINUES.

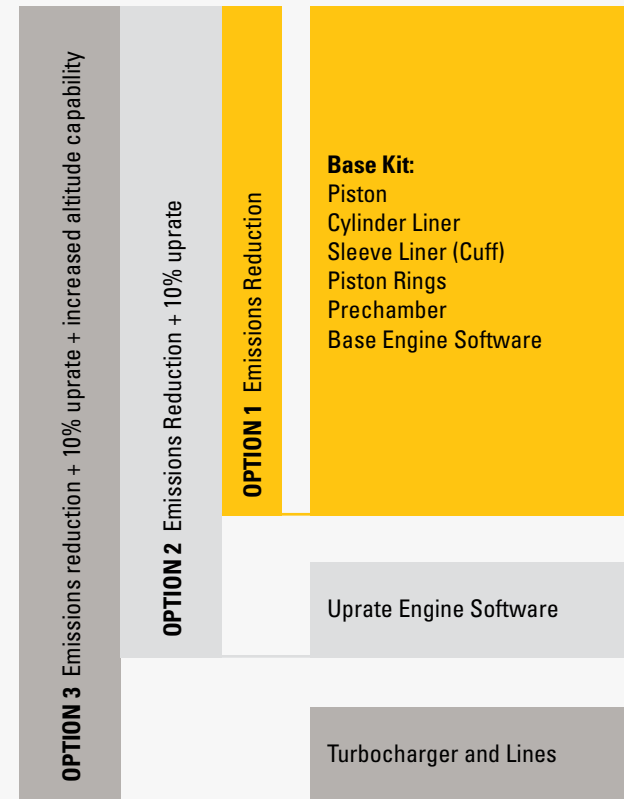
G3600 A4 GEN 2 KIT

THE G3600 A4 GEN 1 HAS SUPPORTED YOU FOR YEARS. Now, it's time for an engine upgrade to meet your performance needs. Designed specifically to bring your Gen 1 model to the latest A4 Gen 2, this kit offers plenty of options to help customize your preferences and priorities. From emission reduction to the optional 10% uprate, the G3600 Gen 2 kit extends your investment while helping you meet the regulatory demands of today.

FEATURES AND BENEFITS

- **Advanced Combustion Technology**
 - Piston, Rings, Liner + Prechamber design updated
 - Lower emissions through reduced crevice volumes and improved combustion
 - Cuffed liner reduces risk of carbon deposits
- **Optional 10% horsepower uprate accessed through engine software rating selection**
- **Emission reduction in methane, GHGs, VOCs, CO and formaldehyde**
 - May reduce aftertreatment cost of existing engines
- **Most cost-effective when applied at major overhaul or at time of piston and liner replacement**
- **Maintains same engine maintenance intervals with updated hardware**
- **Available in both 0.3 g/bhp.hr and 0.5 g/bhp.hr NOx ratings**

Gen 1 and Gen 2 components and related engine software should not be mixed in a single engine. The engine must have all Gen 1 or Gen 2 parts installed, or performance, engine emissions, and durability could be impacted.



KIT OPTIONS FOR A4 ENGINE

OPTION 1

Emission reduction benefits only
 - Base horsepower offering allows users to take advantage of emissions benefit while maintaining standard compressor match, cooling system and package layout

OPTION 2

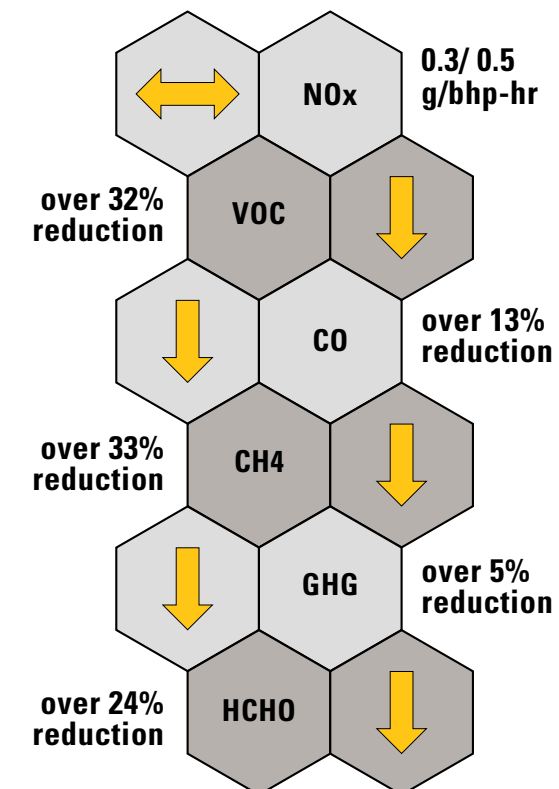
Emissions reduction and 10% horsepower increase
 - Everything included in option 1 and 10% horsepower uprate software access

OPTION 3

Emission reduction, 10% more horsepower and increased altitude capability
 - Everything included in Options 1 and 2, along with a turbocharger update for improved altitude capability

FOR G3616 ENGINES, A FUEL SYSTEM UPDATE IS REQUIRED WITH ALL OPTIONS ABOVE.

A4 GEN 2 UPGRADE KIT COMPARED TO A4 GEN 1



Conditions: same power level, 85MN, 905 BTU/scf, 100% load, 77F ambient, 500 ft altitude

Figures based on Caterpillar lab performance testing that can be referenced in Gas Engine Rating Pro (GERP).

Emissions reductions may vary, we recommend that operators conduct GERP analysis for site-specific conditions to estimate the amount of emissions reductions that are achievable for the particular application.



TRUSTED FOR DECADES, UPGRADED FOR TODAY.

LET'S GET DOWN TO THE NUTS AND BOLTS OF THIS
UPDATE'S HARDWARE AND SOFTWARE CHANGES.

SOFTWARE UPDATE

- Software update is required for all A3 and A4 kits for emission reduction benefits
- Optional 10% hp uprate software available for A4 engines

OPTIONAL TURBOCHARGER UPGRADE

- Required with A4 engine option 3 only
- Enables improved altitude with 10% uprate rating
- Includes surge protection design

PISTON, RINGS, CUFFED LINER & PRECHAMBER UPDATES

- Available for A3 and A4 Gen 1 Engines
 - Lower emissions through reduced crevice volumes and improved combustion
 - Cuffed liner reduces risk of carbon deposits