



D-Version Upgrade for Jenbacher Type 3C gas engines

Conversion, Modification & Upgrade

Product description

Upgrading your Jenbacher* Type 3C gas engine to the D-version technology increases electrical efficiency, thereby reducing the engine's fuel gas consumption.

Additionally, the upgrade offers the possibility of applying a new maintenance schedule that extends engine life and reduces life cycle costs. This applies for upgrades executed during a major overhaul in an INNIO* Overhaul Center.

Product details

The upgrade for greater efficiency can be applied anytime – ideally during a minor or major overhaul – and includes an engine upgrade, control software, and settings update.

Typical engine upgrade scope:

- Camshaft and cylinder head exchange
- Turbocharger and gas inlet (TecJet**) modification depending on engine version and application
- Crankcase ventilation system upgrade (if applicable)
- Upgrade to electrical water pump (only J312)
- OEM documentation update

If you opt to have this upgrade completed during a special, expanded scope overhaul at one of INNIO's Repair Shops, you can also take advantage of an extended D-version maintenance schedule. This option is only available for gas engines running on natural gas or treated biogas.

Customer benefits

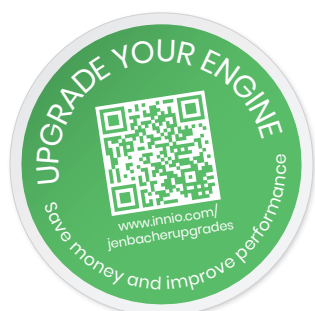
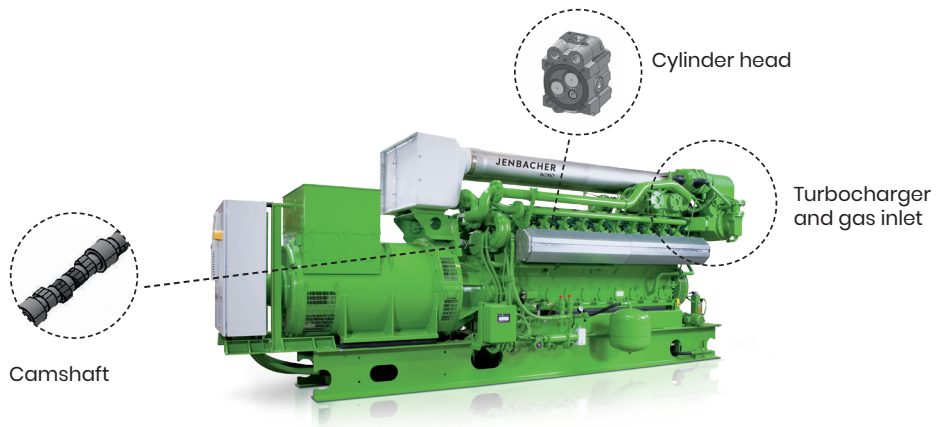
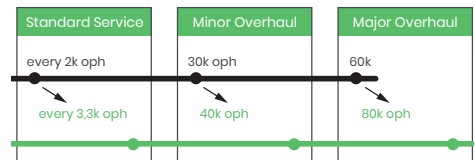
- **Improved profitability**
Handles challenges such as increasing gas prices and declining electricity feed-in tariffs and can enhance overall economic viability of your unit.
- **Reduced fuel gas consumption**
Increased engine efficiency lowers fuel gas cost by up to 2.5%.
- **Lower life cycle costs**
Extended service intervals result in a reduction in maintenance cost and maintenance downtime.
- **Prolonged engine lifetime**
The new maintenance schedule allows you to shift the engine's major overhaul to 80,000 oph and delay the overhaul investment

Applicable units

Type 2		Type 4	
Type 3	✓	Type 6*	

** The upgrade is applicable to all C-version engines with a corresponding D-version engine released according to the current new unit product program (for instance C05 versions can be upgraded to D05)

Type 3D



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