ZF | AFTERMARKET

WABCO REMANUFACTURED AIR COMPRESSORS



WABCO Compressors: Superior Efficiency and Airflow Performance



WABCO

The WABCO Air Compressor Remanufacturing Process

1. Disassembly & Inspection

The WABCO air compressor remanufacturing process begins with a complete disassembly, thorough cleaning and inspection, and sorting of components.

2. Cleaning

WABCO remanufacturing professionals take extreme care during the cleaning process, masking critical surfaces prior to completing the paint removal process. Additional operations carefully remove gasket material and contamination to ensure a top-quality surface finish, providing a "like new" appearance and enabling better sealing and function of the compressor.

3. Honing

All WABCO remanufactured compressors are rehoned to original WABCO surface finish and cylindricity measurement specifications. WABCO uses the most advanced honing technology, which reduces oil blow-by, ensures excellent pumping performance, and properly lubricates the piston rings for optimal durability. These enhancements in turn help maximize efficiency, while minimizing horsepower loss and system maintenance.

4. Component Update

The next stage involves component update and replacement. To ensure the compressors meet WABCO performance standards, components are updated to the latest design release, and all WABCO remanufactured compressors feature new WABCO spec fasteners and gaskets. Other component suppliers' processes and components can lead to leaks, as well as reduced performance of the compressor and manifold unloader mechanism.

5. Reassembly

After restoration, the compressor is reassembled with precision. WABCO professionals use advanced technology and certified electric tools to torque fasteners to OE specifications.

6. Inspection & Final Testing

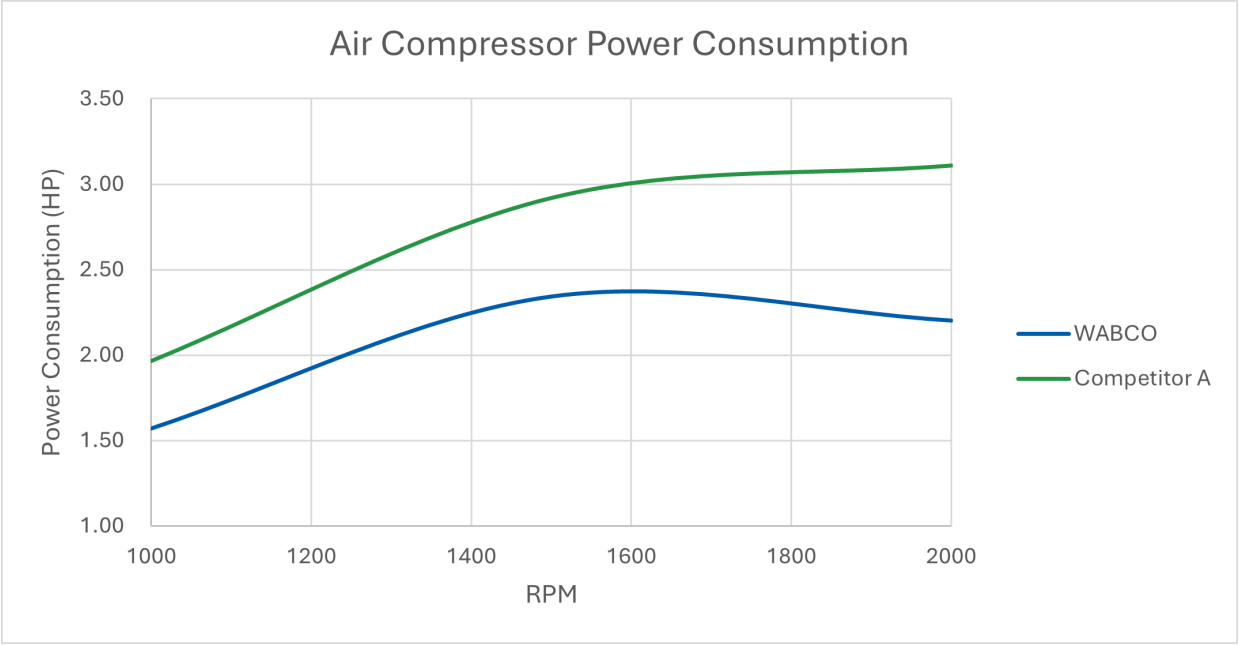
All WABCO remanufactured compressors undergo quality checks and complete end-of-line testing to OE specifications. Each unit includes a one-year warranty with full WABCO Customer Care support.







Turbocharged Engines
Air Compressor Power Consumption



Real world simulation testing shows that WABCO Reman air compressors use up to 29% less power to maintain system pressure, saving fuel by reducing compressor on-time.

Airflow



Up to 25% more airflow than competition

WABCO offers over 25% more airflow at 1,000 RPM than the competition, meaning quicker charging, confidence in the air system, and fuel savings reducing onload time of the compressor.

Cross References and Savings

WABCO Reman Part Number	Bendix Cross Reference	Haldex Cross Reference	Application
911 153 013 R		9111530130X	Cummins ISC HT
911 153 014 R		9111530147X	Cummins ISB '07 HM
911 153 015 R		9111530150X	Cummins ISB '07 LM
911 153 019 R	9111530197X	9111530197X	Cummins ISX 2010
911 153 020 R		9111530207X	Cummins ISC 2010
911 153 021 R			Cummins ISX Black 2010
911 153 607 R	9111535100X	9111535100X	Cummins ISX
911 153 608 R	9111535200X	9111535200X	Cummins ISM
911 153 938 R		911530207X	Cummins ISC 11T
911 153 939 R			Cummins ISC 13T / ISL
911 154 003 R			Cummins ISB
911 154 510 R	9111545100X	9111545100X	Cummins ISB '02 HM
911 154 515 R			Cummins ISB
911 153 055 R	9111530550X	9111535400X	Mack ASET Single Cylinder
912 142 002 R			Mack HDEP Single Cylinder
912 542 007 R		9125120290X	Mack HDEP Twin Cylinder
912 512 029 R		9125120290X	Volvo HDEP Twin Cylinder

Potential Fuel Savings	
Engine HP	400HP
HP Savings over Competition	~29%*
Hours Driven per Year	2,500 Hours
Average Diesel Price per Gallon	$6.51
Fuel Savings per Vehicle Annually	$642.43*

Up to $642 per year in fuel savings

Compressor pay back in about 1 year!**

*In severe duty application, operating 10hrs per day for 250 days per year. Calculation utilizes Brake Specific Consumption (BSFC) of 0.05 gal/hr for diesel fuel.

**Depending on purchase price, part number, duty cycle, and on-road time per year.