

REBECCA® FUEL GAS INJECTOR VALVES

Top-loaded cartridge valve system for integral gas engines

Save time, simplify maintenance and maximize productivity by replacing ordinary fuel injector valves with the patented Rebecca Cartridge Valve System.

VALVE REPLACEMENT MADE EASY

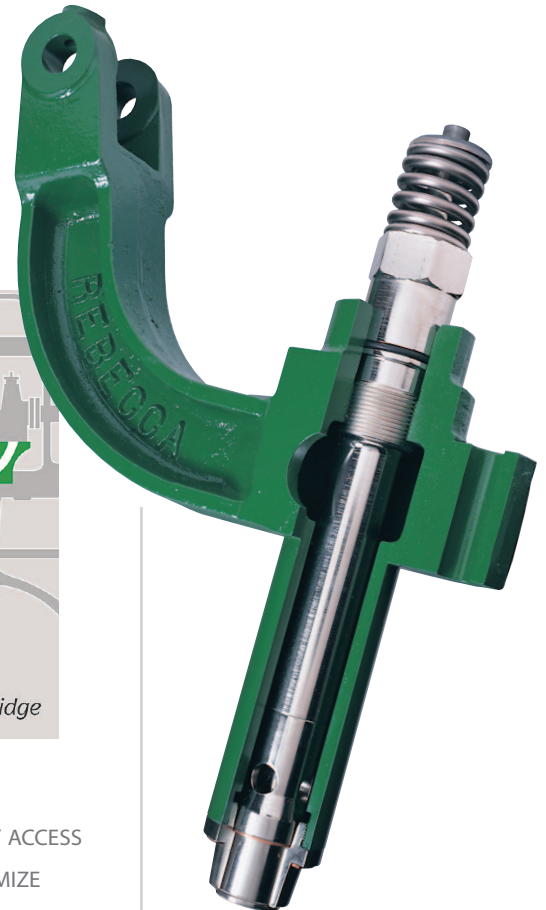
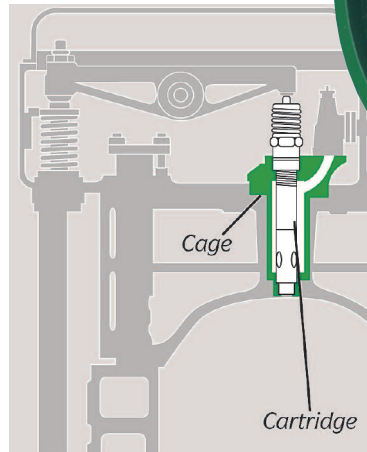
With the Rebecca system, valve removal, inspection and replacement are fast and easy. Total replacement time is reduced from hours to minutes.

CARTRIDGE DESIGN

The two-part system consists of a permanent valve body ("cage") and replaceable cartridge assembly. The cartridge contains the complete valve mechanism and seat. For inspection, maintenance or replacement, simply remove the valve cartridge — the cage and all fuel gas piping remain in place.

TOP-LOADED

Rebecca valve cartridges are top-loaded, making them easy to reach. To remove a cartridge, simply swing the engine rocker arm out of the way and unscrew the cartridge from the top of the cage. The only tool needed is a socket wrench. The cage stays in place, so there is no heavy lifting — and never a need to press a stuck part from the cylinder head. To install a Rebecca cartridge, simply replace the gasket and screw-in the cartridge.



ADVANTAGES

- ▶ TOP-LOAD DESIGN FOR EASY ACCESS
- ▶ MINIMIZE DOWNTIME, MAXIMIZE PRODUCTION
- ▶ SIMPLIFIES MAINTENANCE
- ▶ CUTS REPLACEMENT TIME FROM HOURS TO MINUTES
- ▶ CARTRIDGE ALLOWS VALVE REPLACEMENT WITHOUT REMOVING CAGE OR PIPING
- ▶ NO HEAVY LIFTING
- ▶ PROPRIETARY LONG-LIFE SEALING ELEMENT
- ▶ WORKS WITH MECHANICAL OR HYDRAULIC LIFTERS
- ▶ CONVERSIONS FOR MOST ENGINES

THREE HOURS VS. 15 MINUTES

Ordinary fuel valve replacement can take up to three hours. A typical Rebecca cartridge change-out takes only 10-15 minutes.

OPERATIONAL FEATURES

- **Fugitive emissions control.** Spring-loaded, non-metallic, self-adjusting packing allows low-friction operation and reduces stem leakage. A patented inert gas, pressure-buffered system is available on request.
- **Lube-free operation.** Low-friction, pre-lubricated bushings at both ends of the Rebecca valve stem eliminate the need for lube maintenance.
- **Field-proven performance.** Quality and reliability have been proven worldwide in a variety of applications.

CONVERSIONS FOR MOST ENGINES

Cooper, Clark and Worthington integral engines are easily adapted for the Rebecca system. For most applications, Cook Compression supplies a new cage. Upon request, the original cage of certain models can be modified to accept the Rebecca cartridge.

To find out how Rebecca injector valves will cut maintenance costs and boost production in your application, contact your Cook Compression representative.



Clark



Cooper-Bessemer



Worthington



One Name, a World of Solutions

Compressor Valves | Capacity Control | Valve Restraining Systems | Rod Rings | Packing Cases | Piston Rings | Rider Rings
 Pistons | Rods | Cylinder Liners | Compressor and Engine Repair Services | Diagnostics and Analysis Services | Online Monitoring
 and Response Systems | Lubrication Systems and Services | Control and Automation | Engineering and Technical Support

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