



Upgrade to Hartley Stop Block Cylinder

Bulletin Number

#2002187R2

Affected Products

Hartley Controls Corporation Compactability Controller models 2500, 2502 and Bond Determinator models 2550 and 2552.

Affected Parts

Part numbers:

- 51.036.1.1 – Stop Block Air Cylinder

Revision Date

April 1, 2004

The Issues

The stop block retrofit kit was designed to address customer reports of excessive stop block cylinder repairs due to premature failure of the cylinder rod and cylinder wall ruptures.

The Solution

The original stop block cylinder (shown on right) has been upgraded with a larger cylinder (shown on left) to strengthen the design. An upgrade kit has been designed to completely replace the original cylinder design. The stop block retrofit kit replaces the original part and consists of:

- A new air cylinder (1-1/4" Bore – 7/16" Dia. Rod versus 3/4" Bore – 1/4" Dia. Rod) which is bracket mounted at both ends.
- Cylinder Mounting Block
- Stop Block
- Fasteners and Fittings required for installation
- Drawings and instructions for installation



Installation requires removal of existing stop block assembly, drilling of new mounting holes and assembly of new components. Estimated time for completion: 1 hour.

To order the upgrade kit, please contact Simpson by phone (630-978-0044), fax (630-978-0068) or email (parts@simpsongroup.com) and request Hartley part number 2552.143.501.4.

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