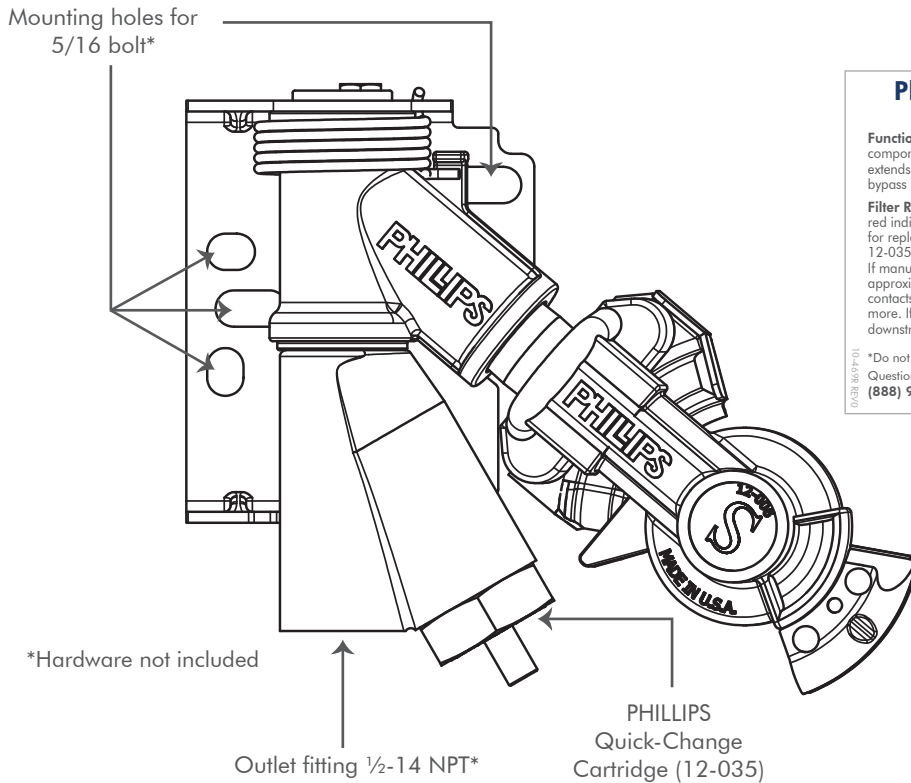


AIR-DEFENSE™ SWINGER SYSTEM

Installation Instructions

1. Install the system by mounting the bracket onto the trailer using 5/16" bolts, torqued to 13-14 lb-ft. Be sure to install the gasket between the bracket and mounting surface. This gasket will prevent the potential for galvanic corrosion.
2. Install the service and/or emergency air line(s) coming from the belly of the trailer to the 1/2" NPT outlet female thread at the bottom of the system assembly.
3. Always keep at least one replacement Phillips Quick-Change Cartridge (12-035) on hand for easy in-transit replacement.
4. Always affix the Phillips AIR-DEFENSE™ System sticker (10-469R)* on the trailer, somewhere near the system, as a reference for product functionality and filter replacement instructions. Before applying, make sure the surface to which the sticker will adhere to is clean and dry.



*Included in package

Phillips AIR-DEFENSE™ System
For systems with and without a swinger gladhand

Function: Provides air filtration to protect downstream components with visual indicator when full. Red indicator* extends when filter is full of debris and filter goes into bypass mode allowing the trailer to receive full air pressure.

Filter Replacement: Replace filter cartridge when red indicator* extends. Unscrew from metal body for replacement with filter cartridge part number 12-035. Torque to 10 lb-ft (do not over tighten). If manually tightening, the torque can be approximated by tightening until the plastic head contacts the metal housing and then turn 1/4 turn more. If filter indicator is extended, check downstream filters such as ABS module.

©2018 88099701 *Do not push in red indicator
Questions? Call Phillips Industries at
(888) 959-0995

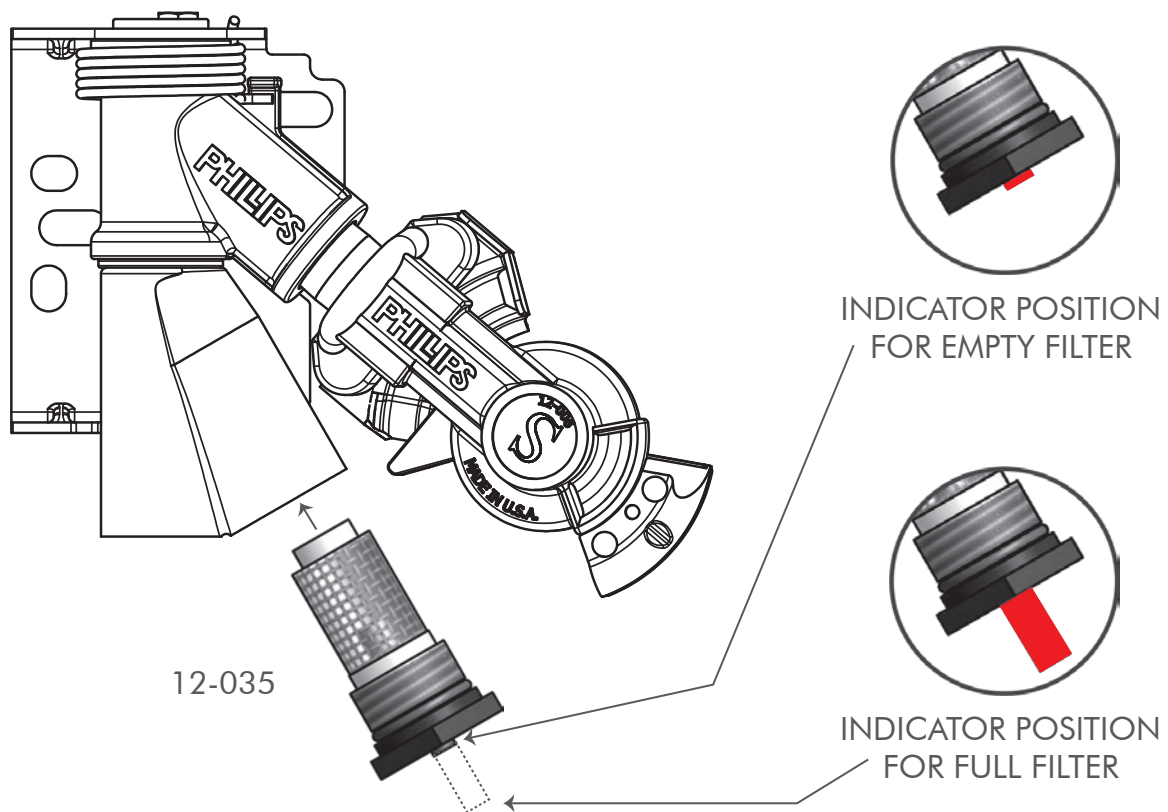
10-469R Sticker

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Replacing the Quick-Change Cartridge

The Quick-Change Cartridge is designed for fast and easy replacement. Cleaning is not recommended.

1. It is recommended to check/replace the cartridge at regular intervals as part of a preventive maintenance schedule. When the red indicator on the Quick-Change Cartridge is exposed, the cartridge is full of debris and must be replaced.
2. Unscrew the old filter and dispose of it.
3. Install the new filter cartridge and tighten to 10 lb-ft. If manually tightening, the torque can be approximated by tightening until the plastic head contacts the metal housing, and then turn $\frac{1}{4}$ turn more.



*System comes pre-installed with Quick-Change Cartridge. Replacement cartridges (12-035) are available where AIR DEFENSE™ Systems are sold. Always keep at least one on-hand for easy replacement in-transit.

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