

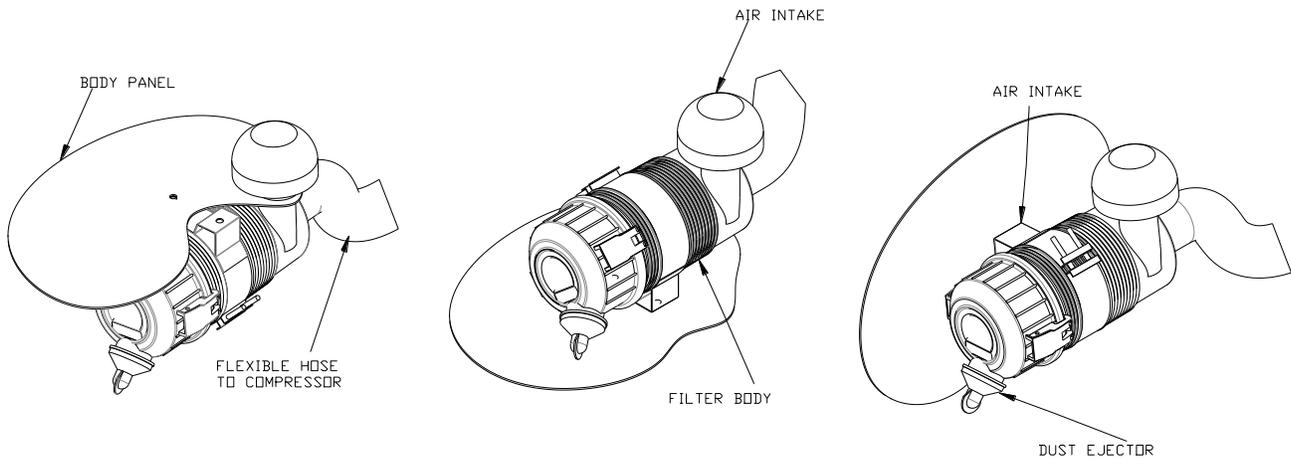


Installing the A700136 & A700138 70 CFM Heavy Duty Air Filter Kit

Both kits use a remote heavy duty air filter. The A700136 uses a standard rain cap; the A700138 uses a cyclonic intake cap. The Heavy Duty Air Filter Kit has the following parts:

- filter body with air filter
- flexible air intake extension hose
- compressor adapter
- two hose clamps
- intake cover (rain hat or cyclonic pre-filter)

1. Locate a suitable location to mount the air filter body and identify routing for the flexible hose. This location should be:
 - away from heat sources, pinch points, moving components or components that might have to be removed for vehicle maintenance
 - higher than the inlet control valve (where possible)
 - where cool air will enter the filter as high temperature air will reduce compressor performance
 - away from water, exhaust, flammable or explosive gasses, away from fuel tank breathers, fuel lines, fuel tanks or propane lines to prevent explosion
 - where holes cut in the vehicle or equipment panels do not compromise weather or safety protection
 - in a position where there is enough room for the air cleaner body end to be removed for replacement of the air filter
 - where the air filter dust ejector (short spigot with a split rubber boot) points downward and where ejected dust will not build up or compromise any other equipment
 - in a position where, if equipped with the cyclone pre-filter, large dust particles ejected from the cyclone will not affect other equipment



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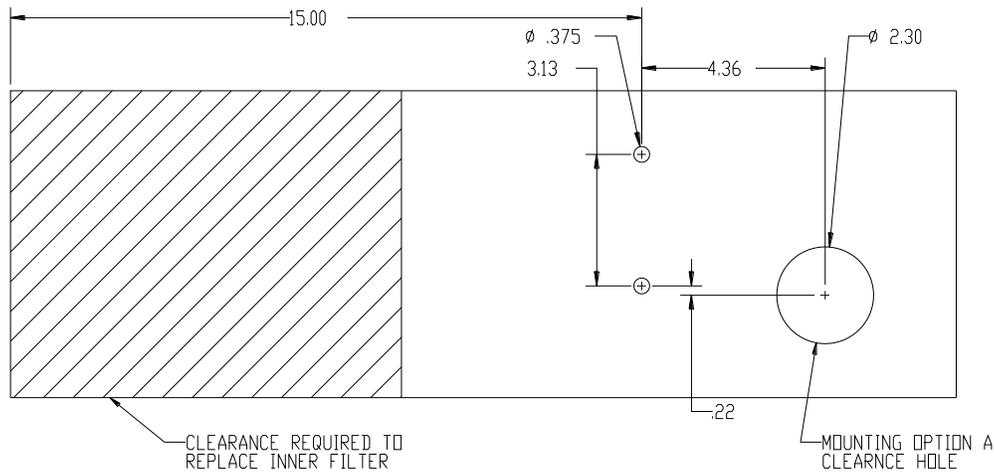
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Mounting Options

2. Clean the selected mounting location and around the compressor inlet control valve filter.
3. Drill any holes in body panels required to mount the filter, air intake or air outlet (see diagram).

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4. Install the air cleaner to the vehicle using suitable fasteners. If necessary remove the cyclonic pre-cleaner or rain hat to install the intake through the body. Tighten the mounting fasteners.
5. Align the air cleaner for best fit and make sure that the dust ejector port on the cleaner body (short spigot with a split rubber boot) is pointing downward. Tighten the clamp bolts. Install any air cleaner parts removed for installation.
6. Remove the air filter from the compressor. Remove the four screws holding the inner filter plate to the compressor inlet control valve. Install the replacement filter plate to the compressor (with the air opening to the top and the air dam to the bottom) using the supplied O-ring and mounting screws. Use Loctite on the screws and tighten them securely.



This component is critical to the compressor and is subject to high pressure during compressor operation. It must be installed correctly and fastened securely. If it is not installed and tightened correctly, the inlet control valve may separate explosively from the compressor.

7. Route the flexible hose between the filter and the compressor. Make sure that no contaminants enter the hose.
8. Place hose clamps on each end and install one end of the supplied flexible hose on the air cleaner body outlet and the other end on the compressor filter plate. If necessary, trim the hose to length for best fit.



If the distance between the filter and the compressor exceeds the length of the flexible hose, contact VMAC before proceeding, as extending the hose may adversely affect compressor performance.

9. Tighten the hose clamps and secure the flexible hose to body components as required to prevent damage.
10. Operate the system and do performance tests according to the steps in the Owner's Manual or original System Installation Manual. Record the date of installation for maintenance purposes. Under normal operating conditions, change the filter every 200 hours. If this remote filter is used in a high contamination environment the filter element must be checked and changed more frequently.

This information is intended for certified VMAC installers who have been trained in installation procedures and for people with mechanical trade certification who have the tools and equipment to properly and safely perform the installation. Do not attempt this installation if you do not have the appropriate mechanical training, knowledge and experience. Follow all safety precautions. Any drilling, grinding or restructuring operations for correct fit must follow standard shop practices.

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