



Clemco Filter Cartridge Adaptor Kit Installation Instructions

1.0 INTRODUCTION

1.1 Scope: These instructions cover the adaption of breathing-air filter models 41-AO and 41-P4 to use a Clemco CPF cartridge.

WARNING

Before removing the air filter cap, make sure that the air supply to the filter is disconnected. Then depressurize the air filter by opening the drain cock on the bottom of the filter.

1.1.1 First make sure that all the Adaptor Kit components are present. Each Adaptor Kit package should contain: one filter modification plate (stock no. 03565) with rubber cartridge gasket (03566), one filter modification spring (03568), two flange gaskets (03537).

2.0 INSTALLATION

2.1 Loosen all eight bolts on the air filter cap to assure that the air filter has depressurized completely. Then remove the cap by unscrewing the bolts, and lift out the old filter cartridge.

2.1.1 Remove the old gaskets. Clean the inside of the air filter thoroughly. Remove all moisture and contaminants.

2.1.2 Place the filter modification spring, with its arms facing up, in the bottom of the air filter. The CPF cartridge can then be put into the filter to rest on the filter modification spring. A label on the side of the cartridge indicates which end should be up.

2.1.3 Put one flange gasket on top of the air filter's rim, making sure to match the holes in the gasket with the holes for the eight bolts. Next, place the filter modification plate assembly on top of the gasket, with the thick side of the cartridge gasket facing down to hold the top of the cartridge in place. The holes in the filter modification plate should match the holes in the first flange gasket. Then place the second flange gasket on top of the filter modification plate,

matching its holes to the holes in the filter modification plate.

2.1.4 Put the air filter cap back on the unit. Replace the eight bolts, and retighten them in a uniform manner. As the bolts are tightened, the filter modification spring inside the air filter will flatten enough to hold the cartridge securely in place.

2.1.5 Record the date of each cartridge replacement in the owner's manual provided with the cartridge body. Reference section 4.3.1 of manual stock number 04143.

2.1.6 Lastly, close the drain cock and pressurize the unit to check for leaks. Moisture should be drained from the air filter daily or more often if conditions require. Replace the cartridge every three months (based on 40 hours of use per week.) Replace it sooner if: you detect any objectionable odors, the filter begins to pass moisture through the outlets, or the outlet pressure falls below the requirements of the respirator.

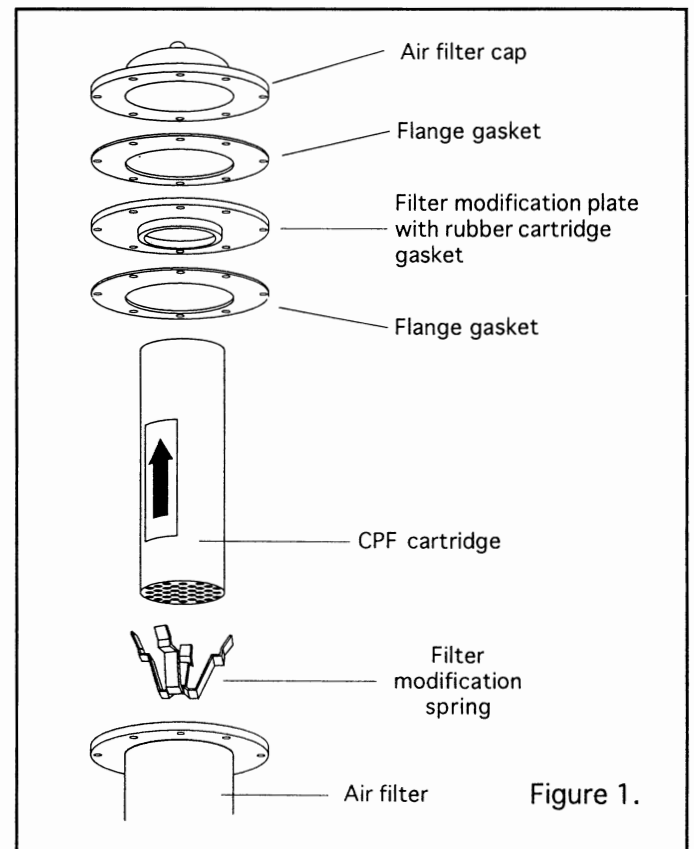


Figure 1.