

M50 Topworks Kit – Installation Instructions

For any instructions not included in this document please refer to the complete installation manual which is available at www.rjmann.com.

These installation instructions apply to the following kits:

PRODUCT LINE	TOPWORKS KIT P/N
M5081	55000131
M5081FS	55000161 (12V) 55000194 (24V)
M5180P	55000155

To begin installation of M5080 and M5180 Top Works assembly, please follow these instructions:

Removing the existing Top Works:

1. Disconnect all wiring and power connections. Also, relieve all internal pressure and purge the valve of all fluid or gas.
2. Remove existing mounting bolts that fasten existing Top Works assembly to the valve body. There are a total of four hex head cap screws that are used to couple the two components.
3. Upon removal of fasteners, separate the unit from the valve body slowly. Check to verify that there is no debris present. Remove any visible debris from the unit, as the debris may cause the valve to malfunction.

Installing the new Top Works:

1. Once the mating surfaces of the Top Works assembly and the valve body have been inspected and deemed clean, align the shaft assembly and mate the case of the Top Works assembly with the valve body.
2. Reinstall fasteners loosely and verify that the shaft assembly is not binding in anyway. Tighten the fasteners.
3. PLEASE NOTE: On some older units it may be necessary to oversize existing holes in the valve body. In the event that the cap screws will not engage into the Top Works case, it will be necessary to enlarge the existing hole(s) with a 5/16" drill bit to allow for ample clearance. This hole size is the equivalent of a SIZE P jobber drill.

CAUTION: After holes have been drilled ensure that no debris gains entry into the valve body.

RJ Mann & Associates Inc.

Engine Controls & Panels/Compressor Parts

860 North 9th Avenue, Brighton, CO 80603

Ph: (303) 659-5139 Fax: (303) 659-5309

www.rjmann.com