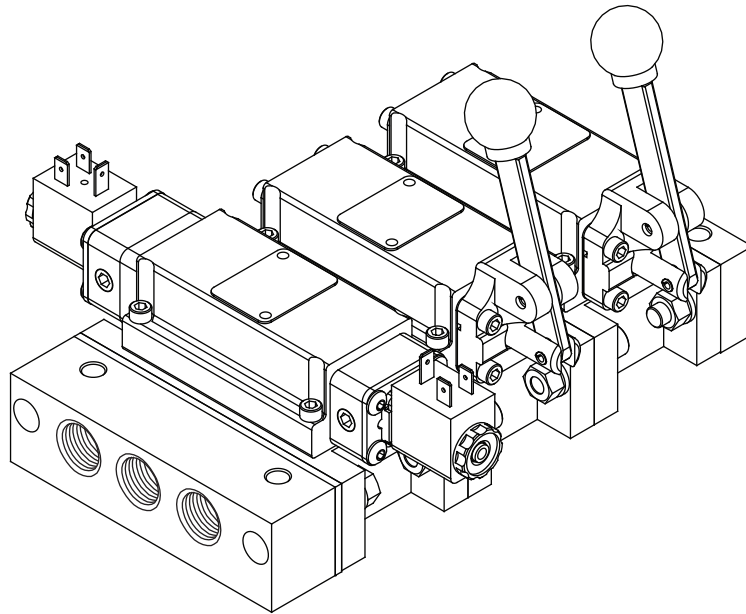


TYPE SM - STACKING MANIFOLD PARTS

SM2: 1/4" NPTF SM subplate
 SM3: 3/8" NPTF SM subplate
 SMSC-4: SM side ported end cap
 SMBC-4: SM bottom ported end cap

SMBE-3: SM blind end cap
 SMOS: SM O-ring divider (1 required per manifold set)
 BP3-C: Blanking plate



Typical Assembly of Three 3/8" Individual Valves on SM Subplates with End Plates.

ASSEMBLY - The manifold sections are assembled using standard 5/16"-18 x 1-1/4" socket head cap screws (V-402), lock washers (V-104) and nuts (V-105). Each SM2 or SM3 manifold includes hardware and seals for mounting manifolds together. Mounting hardware for assembling each subplate valve to the manifold is included with each subplate valve. For replacement seals you can use standard 5/8" I.D. x 13/16" O.D. Buna-N, 70 Durometer, O-rings between subplates, spacer plates or end plates. These O-rings can be ordered from AAA Products as V-110.

In the above picture, the assembly would be as follows: starting at the rear of the stack, you use a SMBE-3 blind end plate, 3 V-110 O-rings seals (included with SMBE-3), SM2 or SM3 bottom ported subplate, 3 V-110 O-ring seals (included with SM2 or SM3), Bolt to SMBE-3 with included hardware. Continue assembling the desired number of manifolds with O-rings between manifolds, bolting each new manifold to the previous manifold. Finally, place a SMOS O-ring divider with 3 V-110 O-rings between the divider and the last subplate. Use included hardware to attach SMSC-4 side ported end plate with 3 V-110 O-rings between the end plate and the divider. Choose the desired 3/8" subplate valves and mount them on the desired station using the hardware and O-rings included with each subplate valve.

