

# Manifold Exploded View



\* **Valve Block Rebuild Kit (RPI Part #MTK055)** includes all of the parts shown below with an "\*" by the name, as well as, (1 pc) Retaining Compound 609 (RPI Part #RXA048) and (1 pc) High Temp Lubricant (RPI Part #RPL090) which are not shown.

**Valve Assembly (Alcohol & Detergent)**  
See chart below

**Red Lever**

**Important Note:** The position of the small red lever is as shown only when inserting into the base of the valve. If left in this position, the lever will keep the valve open permanently. The correct position of the lever is 90° counterclockwise so that it is parallel to the manifold.

Note the Flow Direction

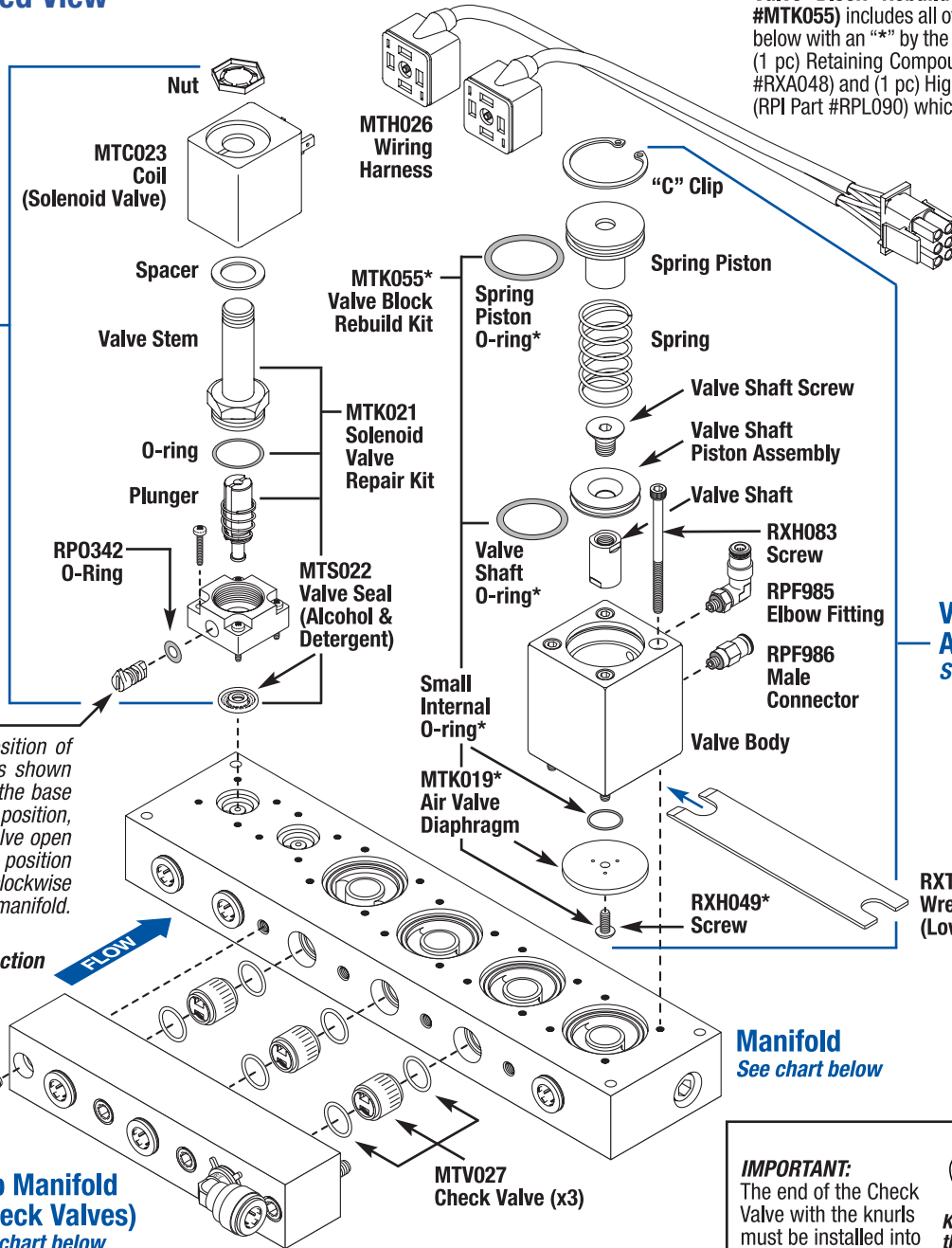
**Check Valve Block Retaining Screw (x4)**

**Sub Manifold (Check Valves)**  
See chart below

**MTV027 Check Valve (x3)**

**Manifold**  
See chart below

**IMPORTANT:**  
The end of the Check Valve with the knurls must be installed into the Main Manifold.



RPI Part Description	8 Station	6 Station	2 Station
Manifold Assembly	MTA038	MTA040	MTA042
Manifold	MTM039	MTM041	MTM043
Sub Manifold (Check Valves)	MTM051	MTM051	MTM052
Valve Assembly (Alcohol/Detergent)	MTV020	MTV020	Not Required
Valve Block Assembly	MTA017 & MTA018*	MTA017 & MTA018*	MTA016*
Valve Block Rebuild Kit	MTK055	MTK055	MTK055

\* The configuration of the Valve Block Assembly determines which assembly is required:

- MTA016 includes (2) Elbow Fittings
- MTA017 includes (2) Straight Fittings
- MTA018 includes (1) Elbow Fitting and (1) Straight Fitting