



# VERSA FILL™ BYPASS VALVE ME845-HRK HANDLE REPAIR KIT



**WARNING:** Product contains sever points. Keep hands, fingers, or other appendages away from valve inlet or outlet ports during transportation, installation and maintenance.

## WARNING!

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

Install, operate and maintain Marshall Excelsior Co. equipment in accordance with federal, state, and local codes and these instructions. The installation in most states must also comply with NFPA standards 54, 58 and 59.

Only personnel trained in the proper procedures, codes, standards and regulations of the LP-Gas industry should install, maintain and service this equipment. Be sure all instructions are read and understood before installation, operation and maintenance. These instructions must be passed along to the end user of the product.

## GENERAL WARNING!

Marshall Excelsior products are mechanical devices that are subject to wear, contaminants, corrosion, and aging of components made of materials such as elastomers and metal. Over time these devices will eventually become inoperative. The safe service life of these products will reflect the environment and conditions of use that they are subjected to. **REGULAR INSPECTION AND MAINTENANCE IS ESSENTIAL.** Marshall Excelsior products have a long record of quality and service; thus, end users of the equipment may overlook the hazards that can arise from using aging devices that have outlived their safe service life.



**WARNING:** These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm

Do not attempt to remove the bypass valve until you have bled off the system pressure. On systems with meters, the differential valve will keep liquid under pressure in the pump, meter and piping even when the hose is emptied.

## A. Disassembly

1. Remove Handle Screw [3] and Handle Washer [9] from Spool Stem [2] and discard.
2. Remove Handle [8], Handle Spring [10], and Spring Bearing [7] from the Gland Assembly and discard.
3. Remove Lever Plate Screws [6] from Body [1] and discard.
4. Remove Lever Plate Assembly [4] and Handle Plate Spacer [5] from the Gland Assembly and discard.

## B. Reassembly

1. Install Handle Plate Spacer [5] and Lever Plate Assembly [4] onto Gland Assembly. Apply low strength Loctite to Lever Plate Screws. Use Lever Plate Screws [6] to retain Handle Plate Spacer and Lever Plate Assembly to Body [1]. Recommended torque spec 50 in-lb.
2. Install Spring Bearing [7], Handle Spring [10], and Handle [8] onto Gland Assembly. When installing Handle, make sure stem face with notch is facing outlet.
3. Apply low strength Loctite to Handle Screws. Install Handle Washer [9] and Handle Screw [3] into Spool Stem [2]. Recommended torque spec 50 in-lb.

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Table 1: BOM

Parts List		REPAIR KIT	
Ref. #	DESCRIPTION	QTY	ME845-HRK
1	BODY	1	
2	STEM	1	
3	HANDLE SCREW	1	✓
4	LEVER PLATE ASSEMBLY	1	✓
5	HANDLE PLATE SPACER	1	✓
6	LEVER PLATE SCREW	4	✓
7	SPRING BEARING	1	✓
8	HANDLE MACHINED	1	✓
9	HANDLE WASHER	1	✓
10	HANDLE SPRING	1	✓

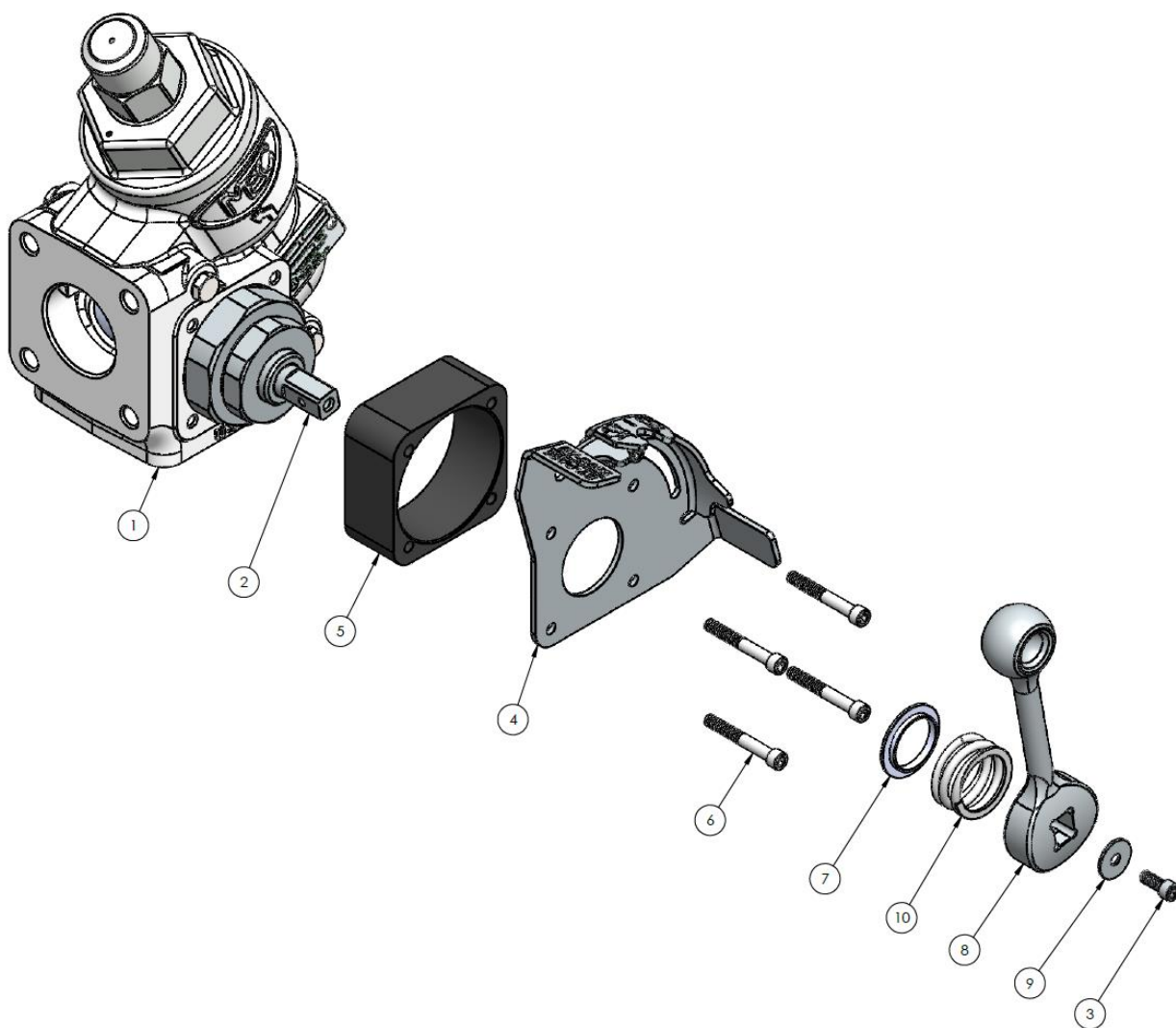


Figure 1: Exploded view