

# MEP801 HOSE END VALVE HOLSTER

## INSTALLATION AND OPERATING INSTRUCTIONS

### Application:

Designed to provide a durable and convenient receptacle to store bobtail hose end delivery valves during over-the-road transit. This holster can be mounted fully above deck or partially below deck in left or right hand hose reel applications with an ergonomic angle providing optimum conditions for delivery personnel. Optional MEC™ Smart Interlock Technology is available for direct connection to Allison® automatic transmissions through the "auxiliary function range inhibit" or braking systems for manual transmission vehicles.

MEC™ Smart Interlock Technology prevents the vehicle from being operated while the hose end delivery valve is in use. This revolutionary system incorporates the industry's best and most durable sensor - Turck® - which are backed with a lifetime product warranty.

- All aluminum & stainless steel construction
- Urethane anti-vibration valve sleeve to prevent incidental damage to delivery valve
- Machined adjustment ribs for easy, secure height adjustment
- Holster body reversible for left or right mount hose reels with universal mounting angle
- Supplied with all mounting hardware & deck backing plate
- Available with optional MEC™ Smart Interlock Technology
  - Interlock Technology features "potted" Turck® proximity switch for maximum weather resistance and security against vibration
  - Supplied with water tight conduit & necessary wiring hardware to reach 5' below deck with water tight receptacle plug
  - Optional wiring harness cable kits available in 20' or 30' lengths

PATENT  
PENDING



MEP801

Part #	Description
MEP801	Hose End Valve Holster Assembly
MEP801PIH	Hose End Valve Holster Kit w/ MEC™ Smart Interlock Technology (160° F. to -20° F. Range)
Accessories	
Part #	Description
MEP801PIK	MEC™ Smart Interlock Retro Fit Kit for MEP801 (160° F. to -20° F. Range)
MEP801PIKL	Low Temperature MEC™ Smart Interlock Retro Fit Kit for MEP801 (160° F. to -50° F. Range)
MEP801PC/20	20' Smart Interlock Cable w/ Water Tight Receptacle Plug - Only
MEP801PC/30	30' Smart Interlock Cable w/ Water Tight Receptacle Plug - Only
MEP801PCK/20	Complete 20' Smart Interlock Cable Kit w / 1 Relay / LED Power Indicator / Inline Fuse
MEP801PCK/30	Complete 30' Smart Interlock Cable Kit w / 1 Relay / LED Power Indicator / Inline Fuse
MEP802PCK/20	Complete 20' Smart Interlock Cable Kit w / 2 Relays / LED Power Indicator / Inline Fuse
MEP802PCK/30	Complete 30' Smart Interlock Cable Kit w / 2 Relays / LED Power Indicator / Inline Fuse
MEP803PCK/20	Complete 20' Smart Interlock Cable Kit w / 3 Relays / LED Power Indicator / Inline Fuse
MEP803PCK/30	Complete 30' Smart Interlock Cable Kit w / 3 Relays / LED Power Indicator / Inline Fuse
Replacement Parts	
Part #	Description
MEP801-03	Replacement Urethane Holster Sleeve - Black
MEP801-04	Replacement Urethane Holster Strap - Black
MEP801H	Optional Urethane Weather Boot - Black



# MEP801 HOSE END VALVE HOLSTER INSTALLATION AND OPERATING INSTRUCTIONS

## Scope:

The MEP801 Universal Valve Holster is designed to provide a variety of mounting and positioning options, including:

- Horizontal or vertical surface mount - such as the deck of a Bobtail or the side of a meter cabinet
- Adjustable height - hose exit height range of 6-1/2" to 10-1/2" off the mounting surface
- Adjustable angle - hose exit angle range of 15° above to 15° below mounting surface

## Installation

**Note:** Before installing inspect holster assembly for shipping damage that may affect performance

### Mounting

1. Determine the location where the holster is to be installed and check for obstructions on both sides of the mounting surface
  - When mounting to the deck, position the holster base to provide the desired hose exit angle  
**NOTE:** For easiest use, position the holster so the post is tilted to the rear of the truck deck
2. Install the (4) Nylon insulating spacers between the holster and the mounting surface and install holster flange over holes in mounting surface



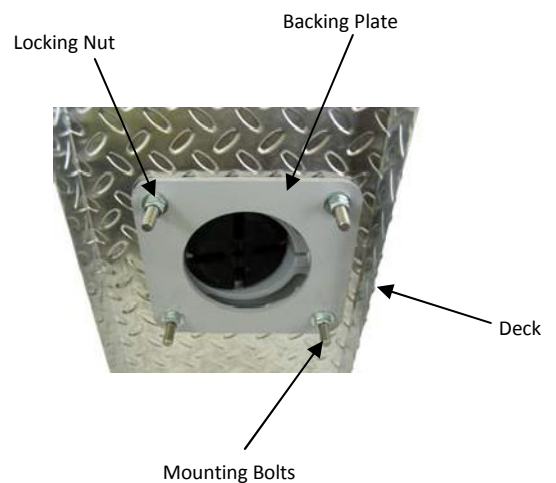
- Using the backing plate as a template, mark the holes to be made in the mounting surface  
**NOTE:** The backing plate is longer in one direction than it is in the other - be sure it is oriented correctly before making holes



- To mount the holster "THRU-DECK", which is required to lower the valve height, mark and cut the large center hole from the mounting surface
- Drill the (4) mounting holes using a  $\varnothing 7/16"$  to  $\varnothing 1/2"$  drill



3. Install the backing plate on the backside of the mounting surface
4. Install the (4) mounting bolts through holster flange, nylon insulating spacers and mounting surface
5. Install (4) mounting washers and (4) locking nuts and tighten securely  
**NOTE:** If the optional proximity interlock is installed, follow the instruction provided for connecting, routing and securing the cables



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## Adjustment

1. To adjust HEIGHT, when mounted **THRU-DECK**, remove the (2) clamping bolts, align the grooves on the post with the clamping bolt holes at the desired height, install and tighten the bolts securely



2. To adjust SWIVEL, loosen the (2) clamping bolts, turn the post to the desired position and tighten the clamping bolts securely



## Operation

### To Secure the Hose End Filler Valve in the Holster:

1. Place the barrel of the valve in the receiver of the holster and align the hose with the "V" notch in the holster
2. Secure the valve in place by pulling the retaining strap over the hose end valve and latching the slot in the strap onto the post on the holster



3. If the holster is equipped with the optional weather boot, rotate



**NOTE:** If the optional proximity interlock is installed, follow the instructions provided for use

### To Remove the Hose End Filler Valve from the Holster:

1. Unlatch the retaining strap by pulling the strap off of the holster post
2. If the holster is equipped with the optional weather boot, rotate the boot to uncover the valve



3. Remove the valve from the holster

## Maintenance

### To ensure proper operation, perform the following maintenance:

1. Check the holster receiver, retaining strap and/or optional weather boot, if provided, for proper operation before each use. Replace parts that have become worn, cracked or otherwise damaged.
2. Check that all fasteners are tight at least monthly. Tighten any that are found to be loose.
3. If the optional proximity interlock is installed, check it for proper operation before each use. Repair or replace interlock if it is not functioning properly.

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*Marshall Excelsior*  
— MEC™ —  
**Gas Connections**



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

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