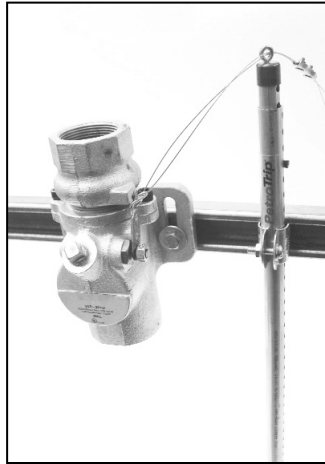


PetroTrip™ is an automatic leak sensor device designed to activate a shear valve in the event of a fuel leak collecting in a dispenser sump. This telescoping spring loaded sensor automatically releases when coming in contact with fuel inside the sump. Upon release, an activation wire connecting the top of the PetroTrip™ to the fusible link of the shear valve, activates the valve, shutting off product flow. PetroTrip™ is compatible with most shear valves and may be installed in new or existing dispenser sumps, without excavation in a matter of minutes.



Pre-installation

Prior to installing the PetroTrip™ leak detection sensor determine the following:

- Type of dispenser containment sump
- Type of stabilizer bars
- Highest product volume shear valve
- Type of shear valves

PetroTrip™ sensors are available in two standard lengths. A 34-inch length, to accommodate typical deep dispenser sumps and a 18-inch length, to accommodate shallow dispenser sumps. Make the correct length is selected for type dispenser sump.

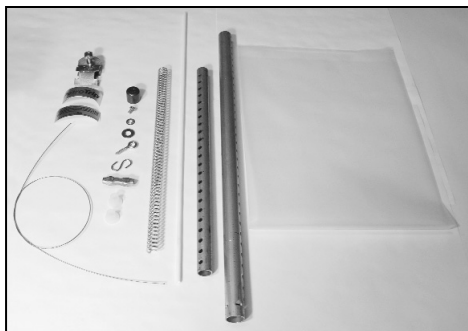
OPW-FCS RECOMMENDS THAT A PETROTRIP™ BE INSTALLED ON EACH SHEAR VALVE.

Installation Procedures

Follow these important installation procedures for proper installation of this leak detection device. The PetroTrip™ sensor comes preloaded with a degradable rod already installed.

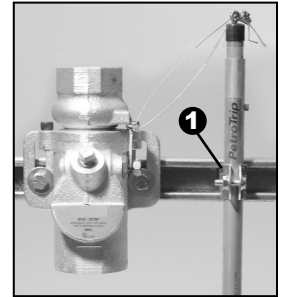
Step 1: Check Parts

Remove all of the PetroTrip™ components from the bag. The telescoping sensor is pre-loaded with a sensor rod installed. Check to make sure all sensor components are complete and undamaged.



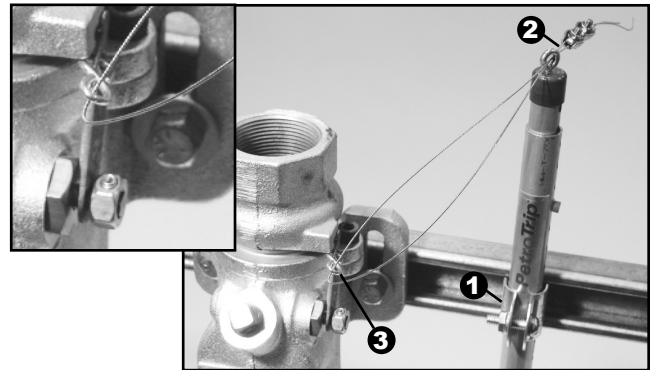
Step 2: Mounting Sensor

Using the strut clamp (1.) provided, mount the PetroTrip™ to the strut bar. The mounting location of the PetroTrip™ in relation to the shear valve, depends on the make of shear valve (see Step 3). Make sure the bottom of the PetroTrip™ sensor is touching the floor of the dispenser sump.

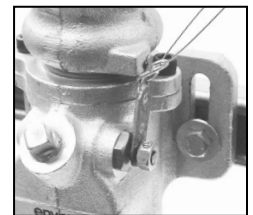


Step 3: Trip Wire Connection

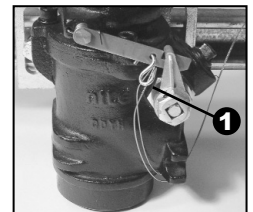
The PetroTrip™ trip wire has a hook on one end and a length adjustment clip (2.) on the other. Secure the hook to the shear valves fusible link as shown below (3). Always allow for a 1/8" - 1/4" slack (up/down) for the trip wire.



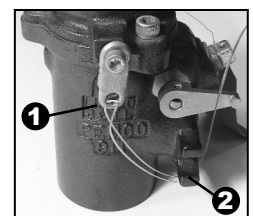
OPW-FCS Shear Valves Set the PetroTrip up several inches from the shear valve. Place the "S" hook thru the shear valve hole in the idler arm. Be sure the wire is not touching any other part of the shear valve. If there are no holes in the idle arm, you must drill a 1/8" hole. Before drilling remove the idle arm. Do not drill in a hazard area. Locate the hole approx. 1/2" from the narrow end of the arm. Follow all company safety programs.



OPW Shear valve Feed the PetroTrip hook thru the idler arm hole (1.). Wrap the cable under the half flange below the actuator arm (2.). You may use a small piece of tape to position the cable.

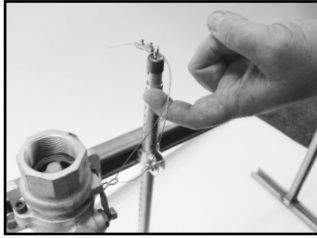


Pemco Shear Valves Loop the cable around the idler arm (1.). Re-engage the arms. Set the PetroTrip unit several inches from the shear valve.



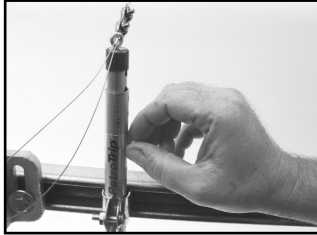
Step 4: Trip Test

After the PetroTrip™ sensor has been mounted to the stabilizer bar and the trip wire connected to the shear valve a quick trip test should be performed. Lightly jerk the trip wire upward with your finger to make sure that the shear valve will trip closed.



Step 5: Remove Safety Screw

After the trip test has been performed, reinstate the shear valve. Next remove the safety screw located on the side of the PetroTrip™ using a screw driver. This screw prevents the sensor from activating during shipment, handling and installation.



NOTE: WHEN REMOVING THE SAFETY SCREW ALWAYS WEAR SAFETY GLASSES AND KEEP CLEAR IN CASE OF AN UNFORESEEABLE ACTIVATION THAT COULD CAUSE AN EYE INJURY.

Reinstating PetroTrip™

After PetroTrip™ has been tripped the degradable rod must be replaced with a new rod. See replaceable rod kits for installation instructions.

Warning: Once PetroTrip is installed, do not attempt maintenance work on sump without placing a safety pin into the aligned holes (1 pin) on rod. The pin should be no less than 1/8" in diameter. This will eliminate any unwanted activation.

Replaceable Rod Kits

PTA-0016 16" (40.6 cm)	PetroTrip Detector Degradable rod sensor - used in dispenser sump
PTR-1016 16" (40.6 cm)	Degradable Rods 10/PK Used in dispenser sumps - fuel degradable
PTA-0030 30" (76.2 cm)	PetroTrip Detector Degradable rod sensor used in dispenser sump
PTR-1030 30" (76.2 cm)	Degradable Rods 10/PK Used in dispenser sumps - fuel degradable

IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS

Please contact your OPW-FCS sales representative or OPW-FCS customer service representative at 1-800-422-2525 for OPW-FCS products installation procedures. All OPW-FCS literature including installation instruction sheets and manuals can be accessed from the OPW-FCS website at: www.opwfcs.com.

The use of non-qualified personnel or any deviations from these recommended procedures could result in damage or leakage of the system. The PetroTrip™ requires replacement rods after activation (see below for available sizes and other information). The replacement rods can be ordered through OPW-FCS Customer Service at 1-800-422-2525.



3250 US 70 Business West
Smithfield, N.C., 27577-0330
Customer Service Telephone: 1-800-422-2525
Customer Service Fax: 1-800-421-3297
Technical Service and Questions: 1-919-934-2786
www.opwfcs.com