

## OPW 202 EMERGENCY VENTS

The OPW 202 Emergency Vents are designed to provide high capacity venting of vapors from an aboveground storage tank in the case of excessive pressure within the AST. When properly installed, pressure is relieved when the spring-loaded lid on the emergency vent opens. The OPW 202 Vents discharge upward to help prevent the ignition of vapors.

Read these installation instructions completely and carefully prior to starting. For any questions, call an OPW Customer Service Representative at 1-800-422-2525.

**When installing either the OPW 202-4" or 202-6" Emergency Vent:**

1. Apply pipe joint sealing compound to the pipe nipple on the tank.
2. Thread the OPW 202 Emergency Vent onto the pipe nipple as shown in *Figure 1*. Tighten using a strap wrench. Note: **DO NOT OVERTIGHTEN** or the body may distort causing the cover to bend and not open properly.
3. Check to be sure the cover swings open freely by inserting a screw driver between the lock tab on the cover and the body of the OPW 202 as shown in *Figure 2*. Pry the cover open.

**CAUTION: The cover will swing open with sufficient force to cause injury if any body part is in within the swing radius of the cover.**

4. Close the cover by pushing the cover down until the latch mechanism snaps into position.



Figure 1

### OPW 202F - 8" EMERGENCY VENT

When mounting the OPW 202F-8" Emergency Vent to a 6" or 8" threaded pipe nipple it is necessary to use an OPW 202FC mounting flange.

1. Mount the 202-FC to the pipe which has been previously mounted to the tank as shown in *Figure 3*.
2. Place the gasket (OPW Part No. C-1289-M) supplied with the 202F-8" vent on the flange and secure the vent to the flange using the bolts supplied with the 202FC flange. Carefully supply the same torque to all the bolts. **CAUTION: DO NOT TIGHTEN THE BOLTS EXCESSIVELY.** This may distort the vent flange causing the vent cover to bind and not open properly.
3. Check to be sure the cover swings open freely by removing one of the cotter pins from the carbon break pin. Gently push down on the end of the hold-down bar and slide the carbon break pin out. Open the cover to be sure that it swings open freely.
4. Close the cover, replace the carbon break pin and the cotter pin. Note: Be sure that the carbon break pin is centered in the bar so that the cotter pins are the same distance from the bar on each side.

**When mounting the OPW 202F to a Manhole Cover:**

1. Locate a relatively flat area on the manhole cover and cut a minimum 8-1/8 inch diameter hole

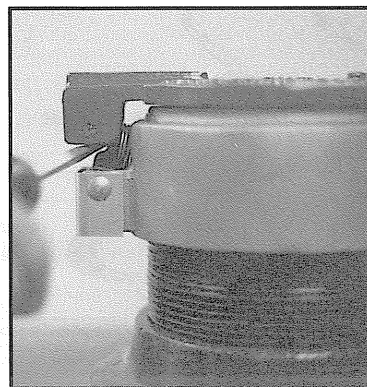


Figure 2

- (maximum diameter 8-1/4") as shown in *Figure 4*.
- Using the vent flange as a template, center the vent with respect to the hole cut in Step 1 and mark the bolt holes on the cover. Drill through the cover with a 7/16 inch drill.
  - Place the gasket (OPW Part No. C-1289-M) supplied with the OPW 202F on the manhole cover. Next, position the OPW 202F-8" on the manhole and secure with bolts. Carefully apply the same torque to all the bolts. **CAUTION: DO NOT TIGHTEN THE BOLTS EXCESSIVELY.** This may distort the vent flange causing the vent cover to bind and not open properly.
  - Check to be sure the cover swings open freely by removing one of the cotter pins from the carbon break pin. Gently push down on the end of the hold-down bar and slide the carbon break pin out. Open the cover to be sure that it swings open freely.
  - Close the cover, replace the carbon break pin and the cotter pin. Note: Be sure that the carbon

break pin is centered in the bar so that the cotter pins are the same distance from the bar on each side.

Periodic maintenance is suggested for all OPW 202 Emergency Vents.

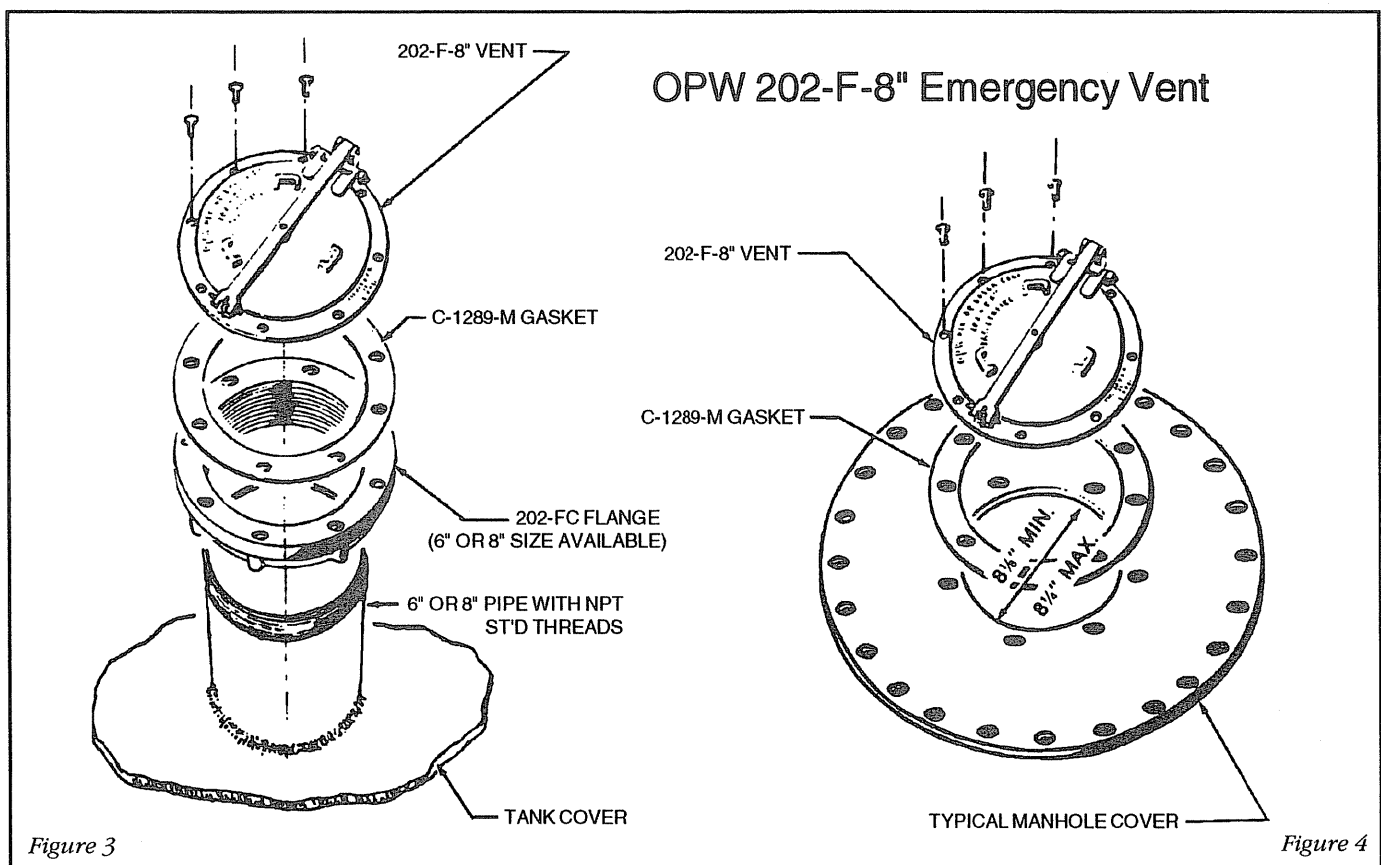
Once a year the cover should be opened and the swing checked for free operation.

**PRODUCT WARRANTY**

All OPW parts and products are thoroughly inspected and tested from the time raw material is received at our plant until the product is completed. We guarantee that all products are free from defects in materials and workmanship for a period of one year from the date of purchase. Any products that may prove defective within that one year period will, at OPW's option, be promptly repaired or replaced or credit given for future orders. This warranty shall not apply to any product which has been altered in any way, which has been repaired by any party other than an authorized OPW service representative or when such failure is due to misuse or conditions of use. OPW shall have no liability for special or consequential damages to any party, and shall have no liability for labor costs, freight costs or any other cost or charges in excess of the amount of the invoice for the products.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND SPECIFICALLY THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

**WARNING:** OPW products should be used in compliance with applicable federal, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. OPW reserves the right to change specifications at any time without incurring obligations.



**OPW**  
 FUELING COMPONENTS  
 A DOVER RESOURCES COMPANY  
 P.O. Box 405003 • Cincinnati, Ohio 45240-5003  
 (513)870-3219 • (800)422-2525 (Orders Only)  
 (513)870-3100 (Other Calls)