



Husky

MODEL 004620
Recommended Installation, Maintenance
and Inspection Instructions

Pressure Vacuum Vent

004620

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION

⚠ WARNING Designed for use at motor fuel dispensing facilities only.

INSTALLATION INSTRUCTIONS

NOTE: Always adhere to installation / usage instructions and warnings. Improper use may result in injury, damage or hazardous spill.

Model 004620 can be installed on either a threaded or non-threaded 2" vent pipe.

1. Remove the Pressure Vacuum (P/V) vent from the carton and visually inspect for any shipping damage. Shipping damage would include loose components in the carton or noticeable dents in the housing or rain hat. Do not touch the internal components.
2. Hold the vent upside down and place the seal into the vent opening.
3. Back the four (4) set screws out far enough so the vent will slip over the vent pipe.
4. Place vent on top of vent pipe and push / pull down on the vent to slightly compress the seal.
5. Tighten the four (4) set screws firmly so P/V vent does not rotate.

CAUTION: DO NOT ALTER OR COVER THE P/V VENT

TESTING / MAINTENANCE / INSPECTION

Testing Criteria Per TP201.1E and Exhibit 4 of applicable Phase 1 E.O.

Leak rate: Pressure = .05 CFH @ 2" wc, Vacuum = .21 CFH @ -4" wc.
Cracking Pressure = 2½" to 6" wc, Vacuum = -6" to -10" wc.



Annually Inspect the P/V vent valve for foreign objects:

1. Remove the screws that hold on the top cover. Do not remove the screens.
2. Remove any debris from inside the lower cover.
3. Check the drain holes in the lower cover.
4. Reinstall the top cover.
5. Tighten the screws firmly.

- All drive aways, maintenance and inspection activities must be logged using the serial number of the individual product.
- Apply city, state, or federal testing regulations as appropriate.

ANY TEST / INSPECTION FAILURE REQUIRES IMMEDIATE EQUIPMENT REPLACEMENT OR REMOVAL FROM SERVICE.

MADE IN THE USA

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSON:**

- Use of equipment is at individuals' own risk.
- Always abide and adhere to city, state, and federal regulations regarding use and installation of dispensing equipment.
- Always follow the dispenser manufacturer's instructions.
- Always turn off all power to dispenser during maintenance and inspection activities.
- Always close the shear valves during maintenance and inspection activities.
- Always relieve pressure from system prior to performing maintenance activities.
- Always check continuity after installation using a megohmmeter (Refer to PEI RP 400 for details).
- Always replace or remove from service damaged or leaking dispensing equipment immediately.
- Always report leaks / spills / accidents to appropriate authorities.
- Always wear appropriate safety equipment during maintenance activities.
- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of dispensers.



- Always place containers on the ground before filling.
- Always discharge static electricity before using or servicing equipment by touching a metal part of the dispenser before and after fueling vehicle.
- Never smoke within 20 ft / 6.1 m of dispensers.
- Never keep in service past recommended life.
- Never leave the nozzle unattended while dispensing fuel.
- Never use sparking or flaming devices within 20 ft / 6.1 m of dispensers.
- Never use power tools near dispensers or to aid in the installation process.
- Never use cell phone within 20 ft / 6.1 m of dispensers.
- Never reenter car when fueling vehicle.
- Never allow gasoline to touch eyes or skin.
- Never use at flow rates in excess of regulatory guidelines.
- Never use at flow rates less than 5 gpm / 18.9 Lpm.
- Never dispense flammable material into unapproved containers.
- Never dispense fuel without a valid driver's license.

CAUTION: DO NOT ALTER OR COVER THE P/V VENT.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION

WARRANTY

VAPOR PRODUCTS – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky® manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year of installation or fifteen (15) months from the manufacture date of shipment by Husky, whichever occurs first. The warranty period on repaired or replacement vapor recovery products is only for the remainder of the warranty period of the defective product.

CONVENTIONAL PRODUCTS – Husky Corporation will, at its option, repair, replace, or credit the purchase price of any Husky manufactured product which proves upon examination by Husky, to be defective in material and/or workmanship for a period of one (1) year from the manufacture date of shipment by Husky.

Buyer must return the products to Husky, transportation charges prepaid. This Warranty excludes the replaceable bellows, bellows spring assembly, spout assembly and scuff guard, unless (i) damage is obvious when the product is removed from shipping carton and (ii) the defective product is returned to Husky prior to use. This warranty does not apply to equipment or parts which have been installed improperly, damaged by misuse, improper operation or maintenance, or which are altered or repaired in any way.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are no other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky fuel dispensing equipment without assuming any obligations to modify any fuel dispensing equipment previously manufactured.

3" to 2" ADAPTOR INSTALLATION INSTRUCTIONS

Part 005041

1. Visually inspect the o-ring and threads for chips, dirt & debris.
2. Apply fuel resistant pipe sealant to the 3 in / 76.2 mm NPT threads of the vent pipe.
3. Screw the P/V vent adaptor onto the vent stack and tighten to a range of 20 - 50 lbf•ft / 27.1 - 67.8 N•m. Do not overtighten.
4. Install the P/V vent according to manufacturer's installation instructions.

TEST ADAPTOR INSTALLATION INSTRUCTIONS

Part 005426

NOTE: This adaptor is designed to fit on the inlet of the P/V Vent to allow for field and lab tests.

1. Place P/V vent test adaptor on a flat surface with the threads facing up.
2. Remove the four (4) set screws from the P/V vent and seal the holes with electrical tape.
3. Slide inlet of P/V vent over the adaptor so it seats on the seal.
4. Place a 4 lb / 1.8 kg weight on top of the P/V vent.
5. Confirm the internal seal is compressed.
6. Attach the 3/16" hose (Tygon fuel tubing) from the test apparatus to the hose barb on the side of the P/V vent test adaptor.
7. After testing, remove weight and pull P/V vent off the P/V vent test adaptor.
8. Remove 3/16" hose from the P/V vent test adaptor.
9. Remove tape from P/V vent and reinstall the four (4) set screws.

TROUBLESHOOTING GUIDE

Pressure Decay Test Failure...

1. Test vent to CARB TP201.1E.
2. Replace P/V vent.

For stations with ISD monitoring





Vapor leak...

1. Verify other equipment is not the cause.
2. Test vent to CARB TP201.1E
3. Replace P/V vent.

Exceeds allowable system cracking pressure...

1. Replace P/V vent

GENERAL TECHNICAL DATA

Fuel Type	Test and warranty for gasoline and diesel fuel
Body	Sand cast aluminum
Screens	Stainless Steel 40 mesh
Seal	Nitrile Foam
Covers	Aluminum
Weight	1.2 lbs / 0.5 kg
Inlet	2 in / 50.8 mm slip-on
Case Quantity	20
Listings	   

CARB Executive Orders: G-70-186; G-70-188; G-70-196; G-70-204-A; G-70-209-A; G-70-150-AE; G-70-153-AD; G-70-183-AA; G-70-191-AA