### INSTALLATION INSTRUCTIONS

1. Turn off dispenser and relieve line pressure.
2. Start the fuel hose into the nozzle body. Do not use thread sealants (Teflon® tape, anti-seize, or any other kind of sealant).
3. Tighten firmly, approximately 15 - 20 lbf•ft / 20.3 - 27 N•m, but do not overtighten.
4. Pressurize system and visually inspect for leaks.
5. Test nozzle for proper automatic shut off between 5 - 10 gpm / 18.9 - 37.9 Lpm.
6. Perform pressure activation test (no pressure / no flow test).

**DO NOT OVERTIGHTEN.**

### TESTING / MAINTENANCE / INSPECTIONS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Checks / Tests</th>
</tr>
</thead>
</table>
| Daily     | • Check for leaks / stains.  
|           | • Check for loose spouts.  
|           | • Check for damage.  
|           | • Check for bent lever.  
|           | • Check for broken clip / trigger spring. |
| Monthly   | • Check no pressure / no flow.  
|           | • Check nozzle automatic shut off between 5 - 10 gpm / 18.9 - 37.9 Lpm.  
|           | • Check "remove after“ date. |
| Annually  | • Check for electrical conductivity.  
|           | • Lubricate main valve stem.  
|           | • Conduct Vapor Valve Leak Rate test.  
|           | • Conduct Fuel Valve Leak test. |

The following are the approved test procedures to be used on Husky Vacuum Assist nozzles. Any non-approved methods used will void the warranty.

<table>
<thead>
<tr>
<th>TEST ORDER</th>
<th>APPROVED PROCEDURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nozzle Vapor Valve Leak Rate test</td>
<td>CARB TP-201-2B</td>
</tr>
<tr>
<td>2&quot; H₂O static pressure performance test</td>
<td>CARB TP-201.3 (test with nozzle in the dispenser)</td>
</tr>
<tr>
<td>Air to Liquid Ratio</td>
<td>CARB TP-201.5</td>
</tr>
</tbody>
</table>

Refer to dispenser manufacturer's requirements for maintenance. 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.**

---

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

---

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

---

Husky Corporation • 2325 Husky Way • Pacific, MO 63069 • Phone: (800) 325-3558 • Fax: (636) 825-7300 • www.husky.com

Page 1

009219-6 8/2018
CAUTION: DO NOT TOP OFF!
Topping off can lead to spills and splashes.
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 PERSONS:
• 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 product manufacturer’s installation and maintenance 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.
• Never use thread sealant (Teflon® tape, anti-seize or any other kind of sealant).

• 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 TOP OFF!
Topping off can lead to spills and splashes.

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.
OPERATION INSTRUCTIONS

1. Activate dispenser.
2. Insert spout into fill pipe opening.
3. Lower hose end of nozzle so the spout spring catches the inside of the fill pipe.
4. Raise the lever and begin fueling.
5. Nozzle will shut off automatically when the tank is full.
6. Wait 15 seconds to allow any fuel remaining in the spout to drain.
7. Remove nozzle from fill pipe by raising hose end of the nozzle.
8. Return nozzle to nozzle boot.

NOTE: Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from fill pipe or raises above horizontal.

TROUBLESHOOTING GUIDE

Nozzle keeps shutting off or won't dispense...
1. Make sure dispenser is on and activated.
2. Slow down flow rate - use lower notch on clip.
3. Clean spout tip end.
4. Clean or replace filter.
5. Inspect Safe-T-Break®.
6. Replace spout assembly.
7. Check dispenser pressure - 19 psi / 1.3 bar required to activate nozzle.
8. Remove nozzle & drain hose.

Nozzle won't shut off...
1. Check flow rate - minimum of 3 gpm / 11.4 Lpm required.
2. Remove nozzle and drain hose.

Nozzle leaking...
1. Check for loose spout.
2. Check inner hose for leaks.
3. Check for cracks in nozzle and hose threads.
4. Check o-rings on inner hose at nozzle inlet.

Low flow rate...
1. Remove Flo-Equalizer® (if equipped).
2. Verify dispenser is not in slow flow rate mode.
3. Check for system leak.

Flow rate above 10 gpm / 37.9 Lpm...
1. Verify Flo-Equalizer® being used - either inside or outside dispenser.
2. Check Flo-Equalizer® for debris.

Fails pressure decay test...
1. Check valve in dispenser.

Fuel in vapor side...
1. Verify vacuum pump is on.
2. Check for meter creep.
3. Check o-rings on inner hose.

GENERAL TECHNICAL DATA

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Test and warranty for gasoline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>Unleaded w/o Flo-Equalizer® = 10 gpm / 37.9 Lpm</td>
</tr>
<tr>
<td>Body</td>
<td>Sand cast aluminum</td>
</tr>
<tr>
<td>Disc</td>
<td>Fluorocarbon</td>
</tr>
<tr>
<td>Packing</td>
<td>Double o-ring seal protected by fiber reinforced Teflon®</td>
</tr>
<tr>
<td>Lever</td>
<td>One piece contoured steel with hard plastic cover</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>3.6 lbs / 1.6 kg</td>
</tr>
<tr>
<td>Threads</td>
<td>M34 x 1.5</td>
</tr>
<tr>
<td>Spout</td>
<td>13/16&quot; / 20.6 mm O.D.</td>
</tr>
<tr>
<td>Case Quantity</td>
<td>15</td>
</tr>
<tr>
<td>Listings</td>
<td></td>
</tr>
</tbody>
</table>

Husky Corporation • 2325 Husky Way • Pacific, MO 63069 • Phone: (800) 325-3558 • Fax: (636) 825-7300 • www.husky.com

Page 3

009219-6 8/2018
FLO-EQUALIZER® INSTALLATION INSTRUCTIONS
Model #005837 Vacuum-Assist Flo-Equalizer®
1. Turn off dispenser and relieve line pressure.
2. Lubricate the o-rings.
3. DO NOT use Teflon tape.
4. Tighten firmly, approximately 15 - 20 lbf•ft / 20.3 - 27 N•m, but do not overtighten.
5. Confirm nozzle is properly installed, pressurize the system and check for leaks.
NOTE: In the event of pressure differential in excess of 25 psi / 1.7 bar across the Flo-Equalizer® or the presence of debris obstructing movement of internal components, the Flo-Equalizer® output may exceed 10 gpm / 37.9 Lpm.

SPOUT REPLACEMENT INSTRUCTIONS
Model #006289; 006389
1. Loosen and remove the spout retaining nut using a suitable wrench.
2. Remove the spout, inner fuel / vent tube and spacer from the nozzle body using a slight twisting motion.
3. Replace the square inner spout seal in the end of the nozzle body.
4. Insert new inner fuel / vent tube assembly into the nozzle body.
5. Confirm protrusion on the vent tube aligns with the small hole at the top of the attitude support.
6. Slide the metal washer over the inner fuel / vent tube assembly.
7. Install the spout spacer and a new outer spout seal. Note: the outer seal fits into the nozzle body - not on the spout.
8. Thread the spout nut onto the nozzle body.
9. While holding the spout in proper alignment, tighten spout lock nut firmly, approximately 35 - 60 lbf•ft / 47 - 81 N•m. Do not overtighten.
10. Test nozzle prior to returning to service.

GUARD REPLACEMENT INSTRUCTIONS
NOZZLE GUARD
Model #005170
1. Remove nozzle from hose and drain.
2. Remove old guard.
3. Install new guard over spout and pull back to cover nozzle body.
4. Re-install nozzle to hose.

NOZZLE REGUARD
Model #005169
1. Cut old guard at nozzle inlet and remove from nozzle.
2. Install new guard over spout and pull back to cover nozzle body.
3. Pull tie through the eyelets and loop under nozzle inlet.
4. Pull tightly and trim off excess tie.

LEVER COVER
Model #005494
1. Remove old lever cover.
2. Snap new lever cover into place.

WAFFLE SPLASH GUARD
Model 006955
1. Remove old waffle splash guard.
2. Install new waffle splash guard over spout lock nut.

ACCESSORIES
Model #005260 - Vapor valve tool for dry A/L test
Model #000397 - Unleaded spout gauge
Model #005233 - O-ring kit
Model #000397 - Unleaded spout gauge