



Franklin Fueling Systems



715VV Repair Kit


FIELD RETROFIT INSTRUCTIONS

For Healy Model 8701VV Breakaway Assembly

Notes And Cautions

- Read all instructions before beginning work.
- Close all crash valves on dispenser or pump being worked on.
- Be sure to drain each hose by opening the nozzle and emptying gasoline into a bucket. This will relieve most of the product pressure only: there will still be product in the hose.
- Be sure to wear face protection to avoid having gasoline splash into eyes.
- Have spill rags available.
- Remove the nozzle and allow product pressure to drain from the hose.
- A replacement 8701VV breakaway should be readily available. After the breakaway has been upgraded, if the hose assembly experiences meter creep, meter jump, or if the assembly leaks, it may be necessary to replace the breakaway to solve the problem.

Procedure

1. Remove all power from the dispenser and close all crash valves on dispenser being worked on.
2. Use wrenches to remove the nozzle assembly from the hose.
 **Caution: there could still be residual gasoline in the hose assembly.**
3. Use wrenches to remove the complete breakaway and main hose assembly from the pigtail (whip-hose) assembly from the dispenser. **NOTE: Use wrenches on just the upper half of the breakaway assembly as not to damage the shear screw. Refer to Figure 2 on next page.**
4. Locate the white plastic valve (which also has an O-Ring and internal spring) and remove and discard.
5. Turn the new Valve (#2) so the larger end is up and drop it into the threaded end of the Breakaway Assembly. *Refer to Figure 1.*
6. Place the new conical spring (#1), with the larger end down, on top of the Valve (#2) installed in step 5. Press in Place. *Refer to Figure 1.*

7. Check all O-Rings on the breakaway valve (#2) and on the hose ends for cracks or tears and replace if necessary.
8. Re-install the breakaway to the pigtail (whip-hose) assembly.

Note: Be sure to lubricate any O-Rings before re-assembly.

9. Re-install the nozzle to the hose assembly.
10. Apply supplied label (#3) to top half of breakaway.

Testing

1. Restore power to the dispenser and restore crash valves to OPEN position then authorize the pump/dispenser.
2. Purge the hose of air and dispense at least one pint of product.
3. Release the lever so full line pressure remains on the hose.
4. Check for leaks at the hose fittings.
5. Watch the gallons display to be sure there is no advancement. Movement of the GALLONS display with the lever closed indicates a product-to-vapor line leak (probably a torn or incorrectly installed O-Ring).
6. Disassemble components to check O-Rings and quad rings. Replace as necessary and retest.
7. Re-holster the nozzle to deactivate the dispenser. If there is no indications of leaks, the task is complete.

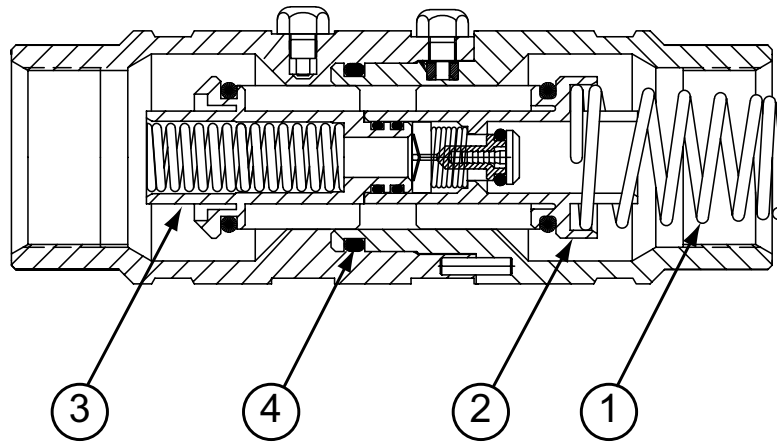


Figure 1: 715VV Kit Component Location

ITEM NO.	QUANTITY	DESCRIPTION	PART NO.
1	1	Spring, Conical	752
2	1	Valve Assembly, Dispenser End	748
3	1	Valve Assembly, Nozzle End	791
4	1	O-Ring	709

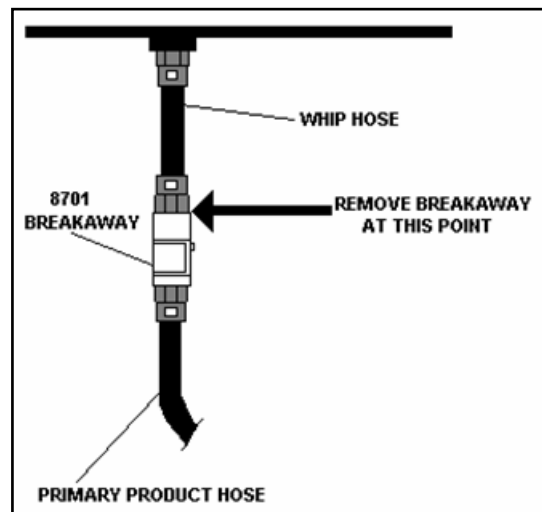


Figure 2: Breakaway Location

Franklin Fueling Systems • 3760 Marsh Rd. • Madison, WI 53718 USA

Tel: +1 608 838 8786 • 800 225 9787 • Fax: +1 608 838 6433 • www.franklinfueling.com