

## Proper Vapor Recovery Nozzle Operation

As Stage II Vapor Recovery systems enter new markets, it is important to educate customers in the proper use and operation of the Healy vapor recovery nozzle. In order for any vapor recovery system to function, it is important that nozzles be used properly.

If these instructions are not followed:

- A hazardous gasoline spill can occur
- Gasoline vapors can escape
- Fluid gas can be pulled into the vapor recovery system

For safe trouble-free operation of the Healy nozzle and vapor recovery system, follow these instructions:

### Actions to Follow



Figure 1: Proper Filling

- Do Insert the nozzle fully into the vehicle filling tube opening.
- Do position the nozzle so it is right side up (Figure 1).
- Do only use the hold-open clip to keep the nozzle fueling when hands must be free.
- Do release the lever when the tank is full.
- Do hang-up nozzle after automatic shut-off.
- Do stay near the nozzle during fueling.

### Nozzle Safety Features

- Auto shut-off
- Pressure-activated valve: If there is no pressure in the hose, the nozzle will not operate.
- Over-horizontal switch will prevent operation if the spout is above the nozzle inlet.

### Actions to Avoid



Figure 2: Wrong Nozzle Position

- Do NOT operate the nozzle upside down (Figure 2) or at an angle. (Only operate as shown in Figure 1).
- Do NOT smoke during the filling operation.

The overfill shut-off hole must be allowed to sense the fuel to shut off the nozzle (Figure 3).



Figure 3: Nozzle Overfill Shut-off Hole



Figure 4: Wrong Nozzle Activation

- Do NOT Prop the fueling lever open (Figure 4).
- Do NOT Top-off the tank.

Topping off the tank can cause hazardous spillage or gasoline entering the vapor recovery system, which can cause equipment damage.