INSTALLATION INSTRUCTIONS
LOW PRESSURE FUEL SOLENOID KIT
FOR MODELS:
HPS6000HE/I, HPS9000VE/E

** For older version HPS gen-set instruction sheets go to www.wincogen.com/service support/winco downloads/portable generators. **

COMPONENT LIST

<table>
<thead>
<tr>
<th>REF. #</th>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>42942-000</td>
<td>Gas Solenoid Valve</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>64856-006</td>
<td>Control Box Assembly</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>48039-006</td>
<td>Nylon Clamp</td>
<td>2*</td>
</tr>
<tr>
<td>4</td>
<td>97391-003</td>
<td>Tube Clamp</td>
<td>3**</td>
</tr>
<tr>
<td>5</td>
<td>479-000</td>
<td>Lock Washer</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>466-000</td>
<td>1/4” X 20 X 3/4” Bolt</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>54074-006</td>
<td>Pipe Nipple</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>49975-011</td>
<td>Cable Tie</td>
<td>3</td>
</tr>
</tbody>
</table>

* Not used on HPS6000HE/I and HPS9000VE/E models
** Used on HPS models prior to 2013.
STEP 1

- Install control box assembly (ref. 2) onto the frame of the gen-set (battery side) using 2 bolts (ref. 6) and lock washers (ref. 5).
- Tighten with a 1/2" end wrench.
- Run the cord to the rear of the generator and plug into one of the receptacles.

STEP 2  HPS6000HE/I

- Thread the pipe nipple (ref. 7) onto the 90° elbow using pipe sealant.
- Thread the gas solenoid valve (ref. 1) onto the pipe nipple using pipe sealant.
- **Make sure the solenoid end marked “OUT” is toward the generator and the solenoid end marked “IN” is toward the supply line.**
- Tighten with a pipe wrench.
- Connect wires labeled 1 & 21 from control box harness to the solenoid. Polarity does not matter.
STEP 2  HPS9000VE/E

- Remove the bolt (A) holding the demand regulator down and rotate the demand regulator. This allows for turning of the pipe nipple and solenoid.
- Thread the pipe nipple (ref. 7) onto the 90° elbow using pipe sealant.
- Thread the gas solenoid valve (ref. 1) onto the pipe nipple using pipe sealant.
- **Make sure the solenoid end marked “OUT” is toward the generator and the solenoid end marked “IN” is toward the supply line.**
- Tighten with a pipe wrench.
- Replace demand regulator bolt.
- Connect wires labeled 1 & 21 from control box harness to the solenoid. Polarity does not matter.

![Image of demand regulator installation](image)

STEP 3  HPS6000HE/I

- Take battery positive cable loose from starter solenoid (A). Route RED wire # 2 through the rubber cable protector (B) and re-tighten starter solenoid nut (C).
- Take battery negative cable loose from engine base (D). Place BLACK wire # 1 under the bolt and re-attach battery negative cable to engine base.

![Image of cable installation](image)
STEP 3 HPS9000VE/E

- Take battery positive cable loose from starter solenoid (A). Route RED wire # 2 through the rubber cable protector (B) and re-tighten starter solenoid nut (C).
- Take battery negative cable loose from engine base (D). Place BLACK wire # 1 under the bolt and re-attach battery negative cable to engine base.

STEP 4

- Using the cable ties (ref. 8) provided, neatly tie excess wire loom, wire and power cable to prevent rubbing on the engine. HPS9000VE/E shown below.
- TO START: Hold down control box button, turn key, engine will start. Once unit generates power (about 1 second) release button.