

## Frequently Asked Questions

1. *The LPG Fuel Pump does not come on*
  - a. *Check the 15amp Fuel Pump fuse on the ICOM Engine Wire Harness and verify the fuse is not blown.*
  - b. *Verify the 8-pin connector on the ICOM Fuel Tank Wire Harness is assembled correctly.*
2. *Commutator lights up but vehicle won't switch over to propane*
  - a. *Verify that the correct grey connector on the ICOM Engine Wire Harness is plugged into the correct module – large diameter wire lead to module 70306507 – small diameter lead to module 70303001.*
3. *Where do I connect the RPM lead*
  - a. *Signal side of a tach reading ;*
    - *Ignition Coil Ground*
    - *Crank Sensor Ground*
    - *Tachometer Gauge Ground*
4. *How long should the engines hoses be?*
  - a. *Green Supply Hoses – As short as possible*
  - b. *Black Return Hoses – Length is not a factor*

### Common Installation Issues

1. *8-Pin Connector – This is a connector that needs to be assembled to the fuel tank wire harness. When assembling the connector, ensure that the wires are color to color going to the ICOM engine wire harness (the green/black, green, brown/black, brown wires that are commonly not assembled correctly into the connector)*
2. *2-Pin Connector – This is a connector that needs to be assembled to the fuel tank wire harness. When assembling the connector, ensure that the wires are color to color going to the ICOM engine wire harness (red to red, black to black)*
3. *Fuel Rail Installed Backwards – The fuel rail(s) are equipped with a non-return valve on one end of the rail (fitting coming from the valve is colored black). The valves should be positioned to point toward the back of the engine. The black fuel rail return hoses attach to this valve and are routed and attached to the regulator.*
4. *Always check the fuel pressure after system installation – The fuel pressure is pre-set on the regulator from the factory but should always be checked and set after installation due to slight variations in fuel pump pressures from the factory.*

Once the installation of the ICOM JTG II System is complete the ICOM fuel gauge (commutator) will perform a light sweep two times when the key is cycled 'on' and then read empty (red light on fuel gauge). Proceed to fill the vehicle with propane and once filled the fuel gauge will show 4 green lights. After the vehicle has been started and reaches a temperature of 104°F the vehicle will switch over to propane. If the vehicle does not switch over to propane, reference the troubleshooting document QF-75-07-08 for assistance. After the vehicle switches over to propane, complete the ICOM LPG Conversion Installation / Service Inspection Form (QF-82-04-04).