

## ENGINE TECH TIPS

### Subject: LOW POWER (fuel restriction)

**1. RELEVANT MODELS:**

2005 thru 2007 all models with Racor fuel filter

**2. COMPLAINT:**

Low power

**3. CAUSE/CONDITION:**

Restricted fuel system causing low power.

1. Fuel lines plugged or restricted
2. Fuel filter plugged

**4. CORRECTION:**

Actual fuel pressure can be monitored and compared to target fuel pressure using Hino Diagnostic Explorer “Data Monitor”. Once it has been determined that there is a lack of fuel pressure. The fuel lines and filter can be isolated from the system by running a separate fuel supply to the Fuel Pump then comparing target and actual fuel pressures.

Another quick way to check for a fuel restriction on a chassis equipped with a Racor Fuel Filter.

Check the primer bulb if it pulls itself in while the engine is running there is a restriction in the filter, the line from the filter to the fuel tank or the pick up tube in the fuel tank.

*If the filter and all the fuel lines are OK a failed High Pressure Fuel Pump may be the cause.*

