



Diesel Fuel Saver

PetroBlaster Installation Instructions



Model PB-50

1. Select a location close to a power source and close enough for the signal wire to reach the fuel line. A preferable location is inside the battery box or on the backside of the battery box.

(Caution: if mounting on the backside of the battery box, make sure the screws used to attach the PetroBlaster to the battery box are not too long!)

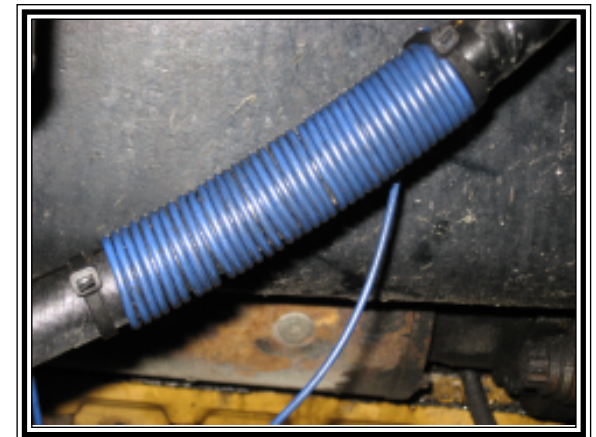
2. Use two or four mounting screws or bolts (not included) to attach firmly to selected location.

3. Once unit is installed, attach one end of the signal wire (Blue wire included) to either one of the blue wires coming from the PetroBlaster.



4. Route the Blue signal wire out of the battery box through the existing holes for the battery cables. Use the existing anchors and hangers for routing the signal wire to the fuel line between the fuel filter and the fuel transfer pump. (Caution: Be sure you select the fuel line from the filter to the engine not the return line to the tank.) The signal line must be attached to a non-ferrous line (hose, not a steel or metal fuel line; metal braid hose is acceptable.)

5. Once you select the hose to attach to the signal line, attach the signal line by a wire tie (included), making sure the wrap on the hose is continuous, touching each wrap to the next. Wrap the signal line a **minimum of 35 wraps, but not more than 40**. Attach the other wire tie to secure the signal wire at the end of the wrap. Pull it tight. Clip excess wire tie off for a neat installation.



6. Route the signal wire back to the PetroBlaster Unit, sliding it through the brackets used to route to the fuel line. Once the signal wire has been routed back to the PetroBlaster, attach the wire on the other blue wire coming out of the box. If the wire is too long, cut it off if necessary.



7. Attach a wire to the ground wire (Black wire) and attach the ground wire to the negative post of the battery.



8. The preferred way of powering the PetroBlaster is to attach the red wire on the unit to a switched fused terminal on the vehicle's fuse block. This will ensure the unit is only powered when the vehicle is in use. It is also a precaution against shorting the battery in the event the red wire accidentally shorts to ground (the frame of the vehicle). Since the unit only draws 80mA's (approx. 1/10th of an amp), it is also possible to attach directly to the vehicle's positive terminal of the battery. Attach an in-line fuse holder on the positive wire (red wire – not included) from the PetroBlaster, position the fuse holder as close to the battery terminal as possible. This is a recommended precaution only. Route the wire to the positive post of the battery. The PetroBlaster can be used in 12 or 24 volt systems.

When properly installed, the light in the center green LED of the PetroBlaster will come one.

The order of the signal wire being done first or the power supply being done first is not of concern. The light will **not** come on until both power and signal wires have been completed.



Manufactured By



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petroblaster.com