

Installation Instructions



46 & 60MM MECHANICAL BOOST METER

INSTALLATION MANUAL

PART # 4401-SA021/SA022/SA023 & 4401-SA030/SA031/SA032/SA054/SA055/SA056

NOTICE

This manual assumes that you have and know how to use the tools and equipment necessary to safely perform service operations on your vehicle. This manual assumes that you are familiar with typical automotive systems and basic service and repair procedures. Do not attempt to carry out the operations shown in this manual unless these assumptions are correct. Always have access to a factory repair manual. To avoid injury, follow the safety precautions contained in the factory repair manual.

INSTALLATION

1. Disconnect the negative battery cable from the battery.
2. Examine the engine compartment to determine a good source of manifold pressure such as:
 - a) OEM (factory) fuel pressure regulator
 - b) If for some reason the fuel pressure regulator can not be utilized, the engine surge tank can be used as a source for manifold pressure (see figure 1).
3. Splice the 4mm tee fitting into the factory 4mm hose.

4. Install the orifice into the tee fitting and connect the hose.

NOTE: The small end of the orifice must

face towards the fitting (see figure at right).

5. Route the 4mm hose through the engine compartment away

from any high heat or moving parts. Try to keep this hose as

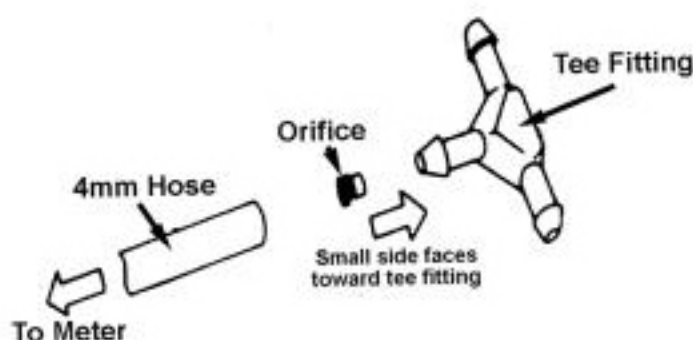
short as possible. Find the place in the passenger compartment

where you plan to mount the meter and route the hose to this location.

6. On the illumination harness supplied with this kit, connect the yellow

wire to a power source that receives 12 volts when the parking light

switch is in the "ON" position.



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7. Connect the black wire to a good chassis ground.

8. Plug the harness into the back of the meter (see figure 2).

9. When utilizing the splice connectors supplied with this kit:

a) Place the wire to be spliced into side A (without stopper) and the wire from the harness to side A (with stopper) and make sure the wire touches the stopper.

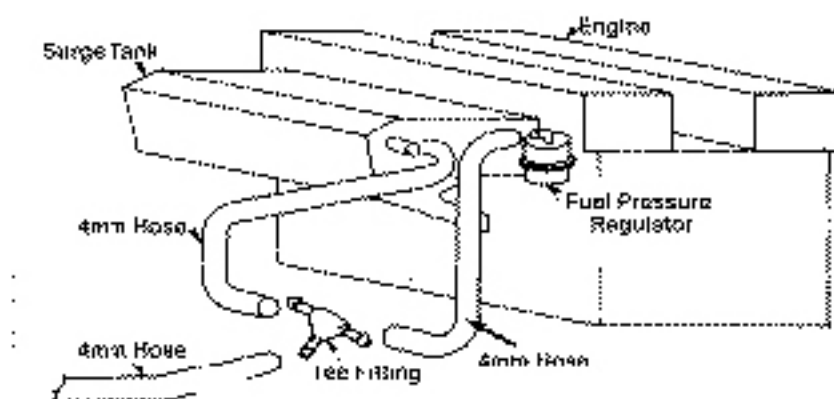
b) Fold sides B to side A using pliers to ensure the snap is securely fastened.

c) Fold side C to side A using pliers to ensure the snap is securely fastened.

NOTE: Do not strip wire ends. Gently pull on the wires to verify that the splice connector is completely tight.



Figure 1

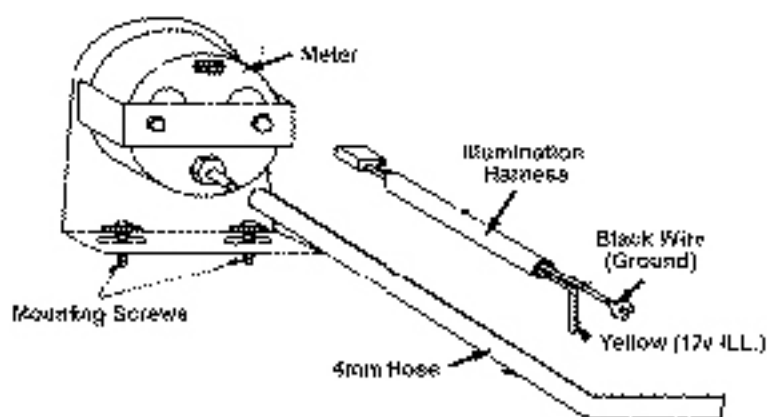


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Figure 2



PARTS LIST

| QUANTITY | DESCRIPTION | COMMENTS |
|----------|----------------------|-----------|
| 1 | Meter Assembly | |
| 1 | Meter Mount | |
| 1 | Meter Bracket | |
| 1 | Orifice | |
| 1 | Tee Fitting | 4x4x4mm |
| 1 | 4mm Hose | L= 1800mm |
| 1 | Illumination Harness | L= 500mm |
| 1 | Splice Connector | red |
| 3 | Tie Wrap | L=100mm |