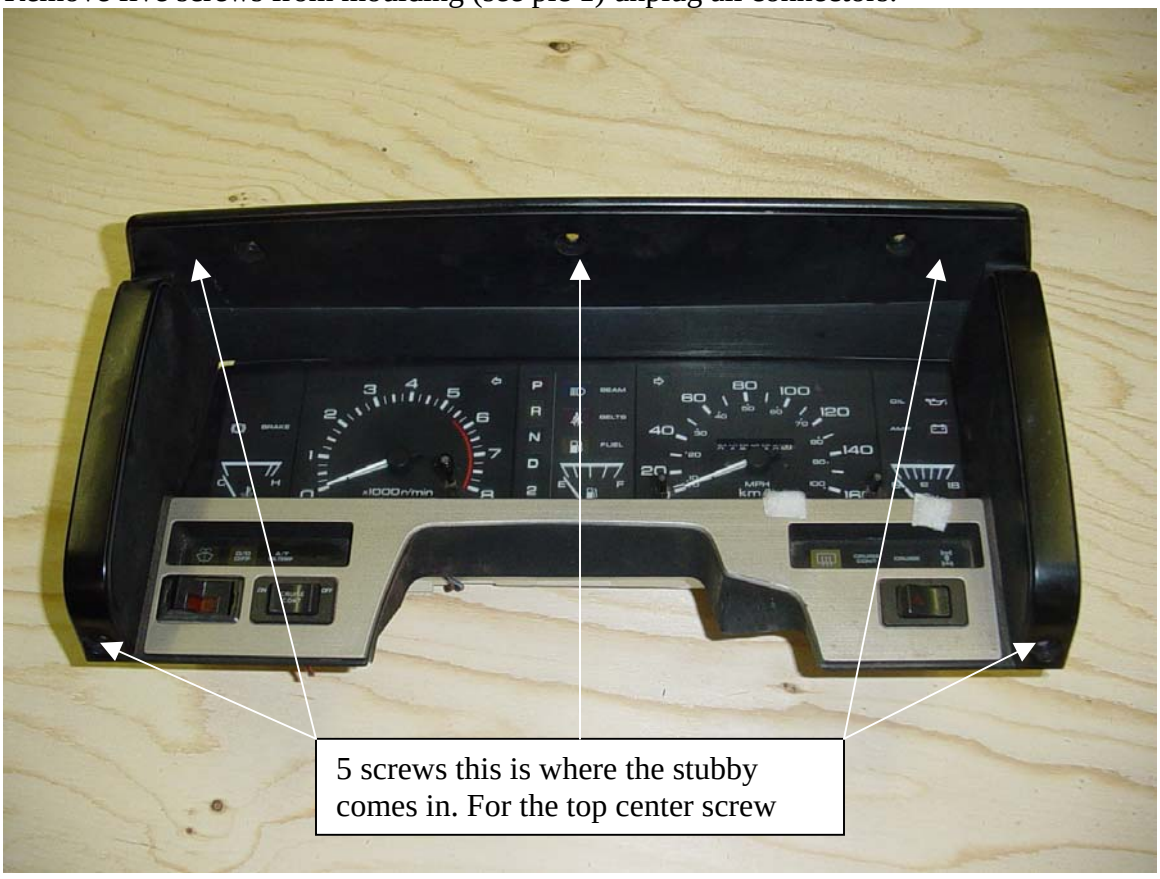
Solution for gas/temperature gauges problem

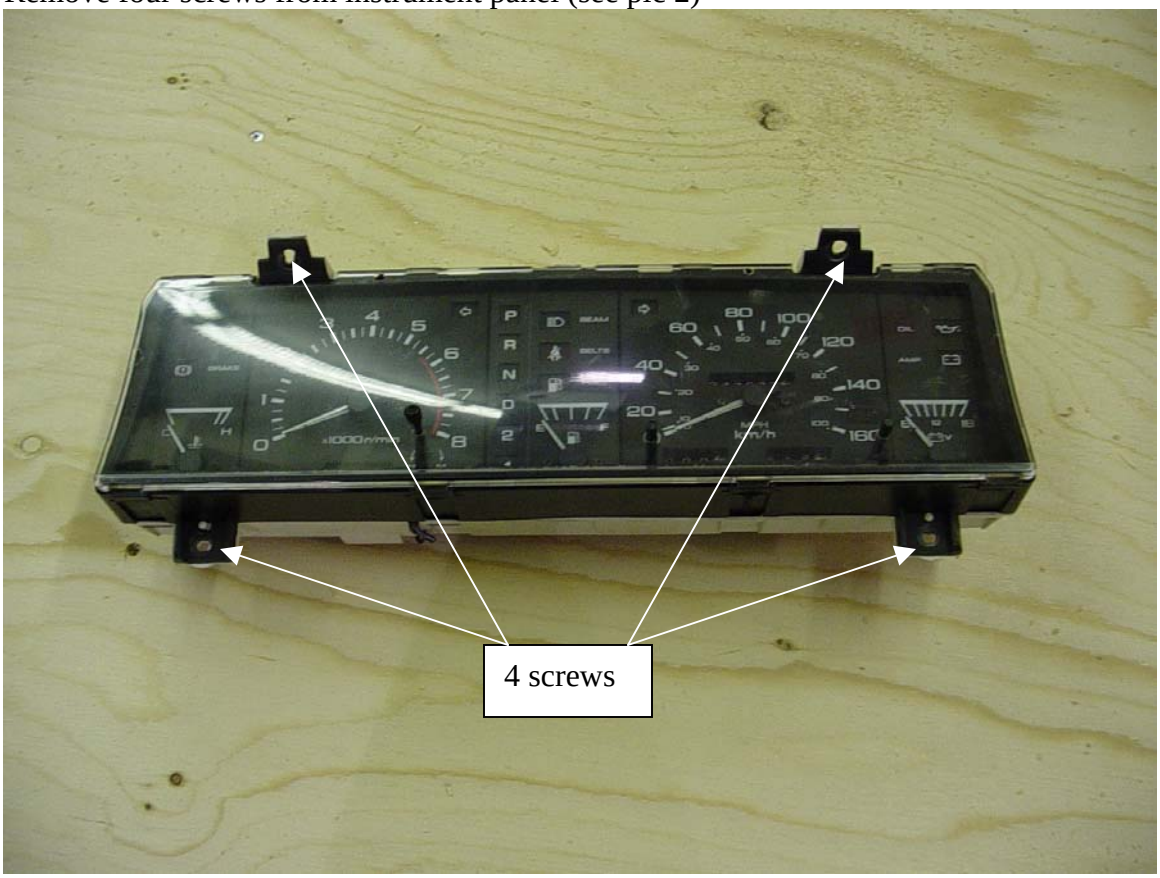
First you should make sure this isn't a fuse problem. Once you know you're sure your fuses are good follow the next steps.

You will need
- voltage regulator (I will give you more info further down)
- multimeter (if you are not sure it is your regulator)
- stubby Phillips screwdriver
- wire strippers/cutters
- soldering iron
- heatshrink or electrical tape
- one self tap or wood screw no bigger than 1/8"
- case of beer (optional)☺

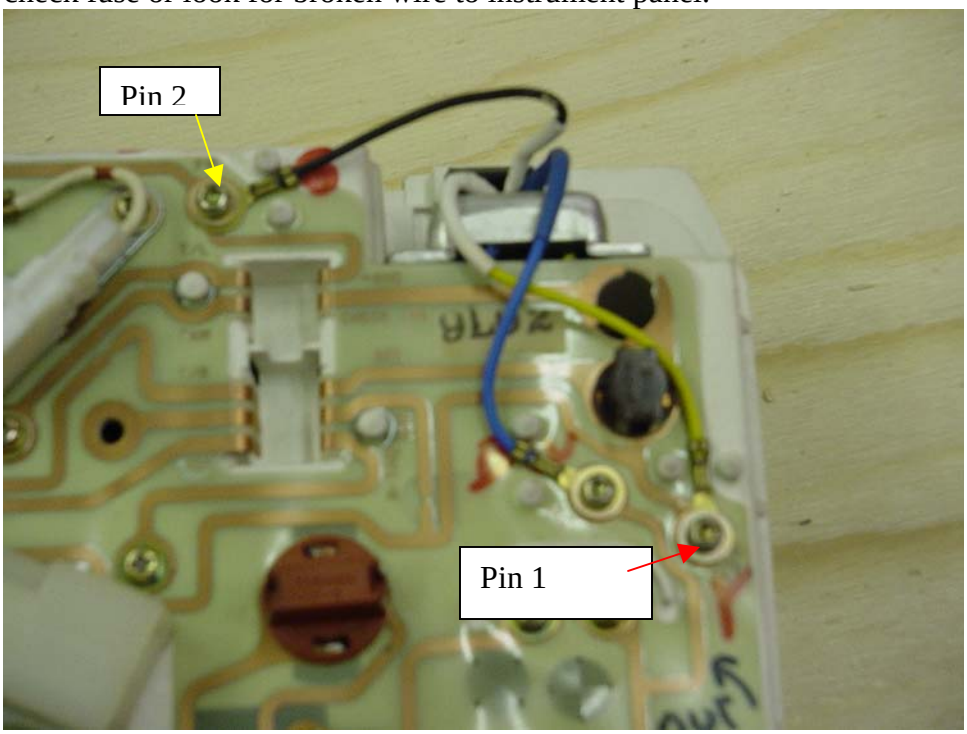
Remove five screws from moulding (see pic 1) unplug all connectors.



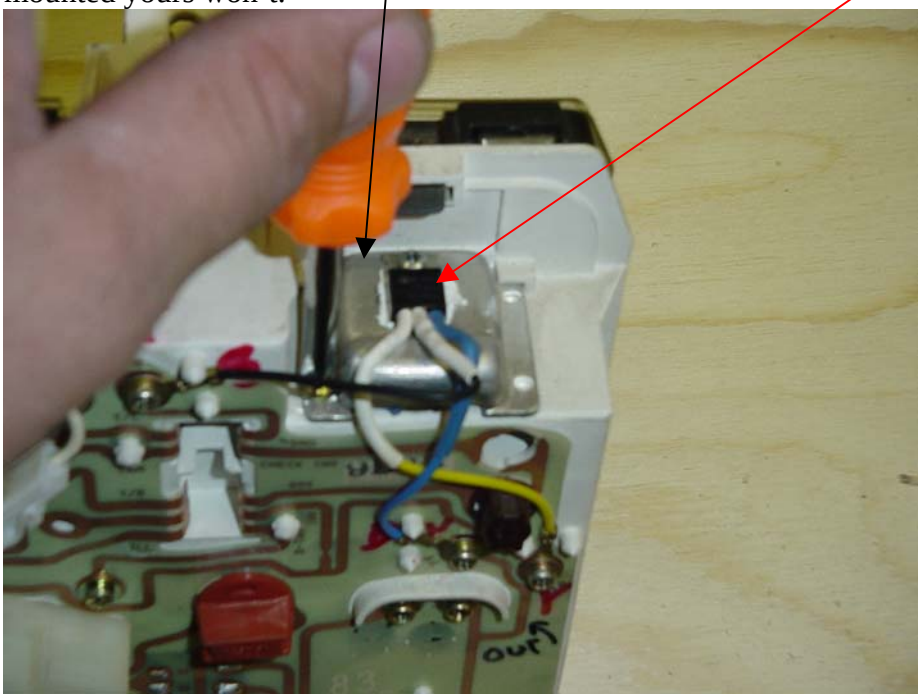
Remove four screws from instrument panel (see pic 2)



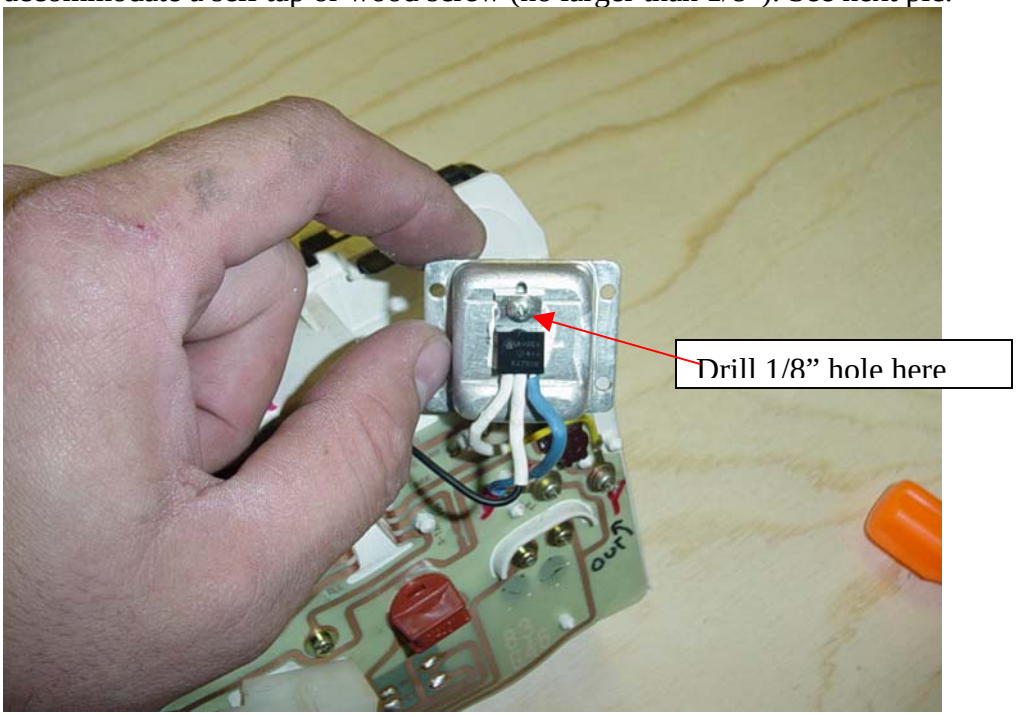
Test voltage from pin 1 and pin 2 for 12 volts (see pic 3). If you don't have 12 volts check fuse or look for broken wire to instrument panel.



If you have 12 volts take bad regulator out. This picture has the new regulator already mounted yours won't.

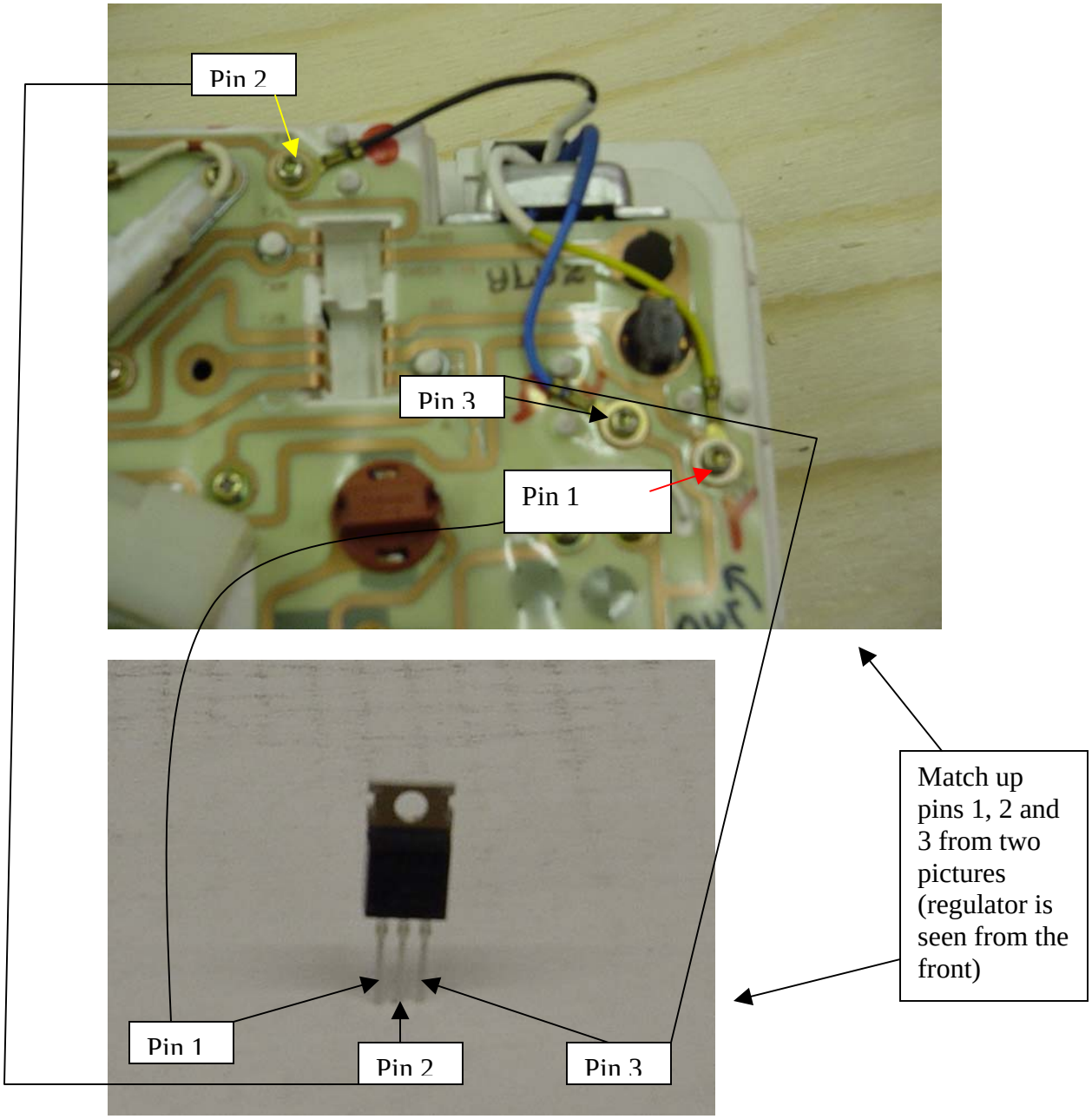


Cut the three wires coming out of regulator and drill a hole in the bad regulator to accommodate a self tap or wood screw (no larger than 1/8"). See next pic.



Resolder the wires cut from the old regulator on the new one as follow:
Yellow on pin 1
Black on pin 2
Blue on pin 3

Tape up leads or put heatshrink tubing on them so they don't short out.
Mount the new regulator on the old one using the hole drilled in previous step. This is to ensure good heat dissipation.

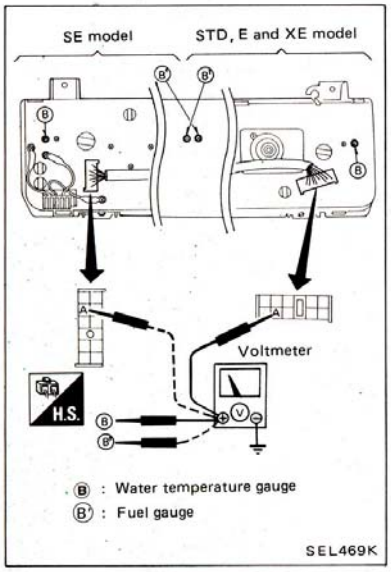


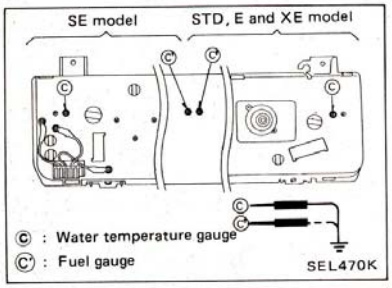
The part # for this regulator is KA7808 and can be found on the net doing a Google search under its exact #. It's a plain 8 volt regulator that might also be found at most electronic stores(Radioshack etc.)

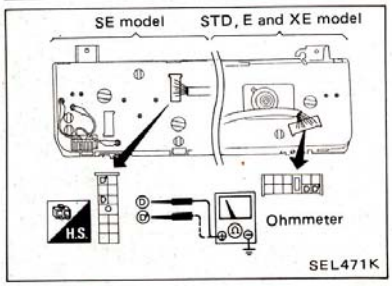
I am also going to include a page out of my service manual that might be of interest concerning fuel and temp gauges.

Blk gnd
Blue OUT 8V
Yel IN 12V

Inspection/Fuel Gauge and Water Temperature Gauge







INSPECTION START

O.K.

CHECK POWER SOURCE
1) Turn ignition switch "ON".
2) Check voltage between terminal Ⓐ and ground.
Battery voltage should exist.

N.G. → Check the following items.
1) Harness continuity between Battery terminal and combination meter
2) Ignition relay
3) Fusible link and fuse
4) Ignition switch

O.K.

CHECK OUTPUT VOLTAGE
1) Turn ignition switch "ON".
2) Check voltage between terminal Ⓑ and ground.
Approx. 8 volts should exist.

N.G. → Check the following items.
1) Printed circuit of combination meter
2) Voltage regulator

O.K.

CHECK GAUGE OPERATION
1) Turn ignition switch "ON".
2) Connect terminal Ⓒ and ground with wire for **less than 10 seconds.**
3) Check operation of gauge.
Gauge should move smoothly to full scale.

N.G. → Repair or Replace gauge.

O.K.

Check harness continuity between component and combination meter Ⓓ.

N.G. → Repair or Replace.

O.K.

CHECK COMPONENT.
Check gauge units and harness.
Refer to "Fuel Tank Gauge Unit Check" or "Thermal Transmitter Check".

N.G. → Repair or Replace.
Refer to FE section. (Fuel gauge)

O.K.

Reinstall any part removed.

INSPECTION END