

## Adjusting the temp reading

If you find that the temp is showing up way off after installation you can adjust the variable resistor, but its very touchy.

Its best to adjust when the ambient temp is around 70 F (this is where the factory sensor should be 2.2k ohms).

Adjust in the following way.

Remove the trim around the cluster and unscrew the cluster.

Pull the regulator circuit over the top of the cluster so you will be able to adjust and see the OAT display.

Turn the ignition to ACC. and see what is displayed.

Unplug the C connector (10 pin) wait till the obo goes blank and using a small screwdriver turn the variable resistor to the left a very small amount.

Plug the C connector back in and see if the temp is reading higher or lower.

If is higher, then left is up and right is down

If is lower then, right is up and left is down.

Using this as a guide make small adjustments to the variable resistor ether to the left or right. Unplug and reconnecting the C connector to check the results every time.

It may take you a bunch of tries to get it where you want it.

Unplugging the C connector resets the cluster. It will clear your a and b trips, shift light and buzzer settings if your cluster is so equipped.

If you only turn off the ignition the cluster still has power to pin C10 and will not reset. The cluster stores the last temp, I am not really sure why or for how long, just that is makes you think it is not working right if you don't reset it. Once you get it dialed in to where you like it the OAT should function correctly. There is a buffer on the display so it will not update in really time if you heating the sensor or something like that. Its not broke that just how it works.

Adjusting the variable resistor with the ignition in ACC. may result in a bogus temp being displayed. It will not hurt anything. The cluster is just slow in showing changes in temp, but powering it off and then back on will force it to update correctly.