

Installing a Temperature Gauge for a Auto Transmission

- 1) Pick out a gauge. Most gauges will come with the sending unit.



- 2) Select where you want to mount the gauge. I went for the single A pillar mount. This one is from <http://www.genosgarage.com/>,. I got mine from www.jegs.com.



- 3) Select how and where you want to mount the sender. There are basically 2 places to mount the sender.
 - 1) Weld a stainless steel ½ pipe coupler to the tranny pan. You can also drill and tap a plate and weld it to the inside of the pan. Keep track of which way the pipe thread taper goes.

I installed the sensor here and have found that there is some delay in reading the temperature. Instead of buying the ½ coupler I taped and welded a plate to the inside of the pan.

Since will need to drain the transmission oil to do the work, this will be a good time service it. Also you may want to install a drain plug at this time



- 2) Add T fitting to outlet leading to the cooler. This way will give you the fastest and hottest reading. This way requires no welding but you have more places for leaks.



- 3) There is a third option. For some transmissions you can get a new pan with a drain plug and sensor mount. These pan run around \$150.
- 4) Start wiring.
 - 1) Wire from the sensor to the gauge location
 - 2) Wire from a ground to the gauge.
 - 3) Wire from a switched ground thru a fuse to the gauge
 - 4) Take the dash apart to find a power source controlled by the light switch. You may need to splice off the dash lights.
- 5) Connect everything together.

