



Make your Own-Tuned steering ECU

Modification of a steering ecu by using a 10K ohm potentiometer

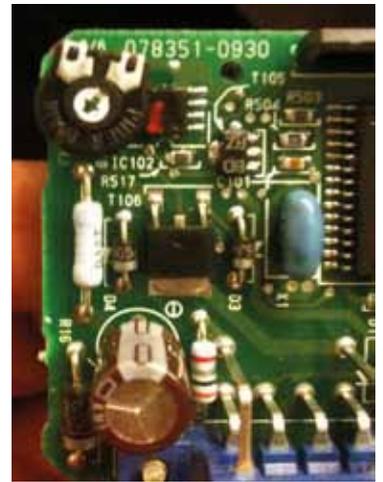
Location resistor



De-solder resistor



10K potentiometer



Terminal numbers



After de-soldering the resistor, measure its resistance and dial the 10Kohm potentiometer in at the same value. With the potentiometer soldered in place and running the engine at idle measure the voltage and slowly **lower** its value by turning the potentiometer very little.

Adjusting voltage.

- Higher voltage = lighter steering
- Lower voltage = heavier steering

Measure with engine running between terminal 2 and 6

- 2 comes back from solenoid valve on steering rack
- 6 is ground

Standard ecu measurements

- 0 km/h = 0,24 v
- 100 km/h = 0,08 v

The newer ecu's should lay at 0 km/h around $\pm 0,06$ volts lower

- 0 km/h = 0,18 v
- 100 km/h = 0,02 v