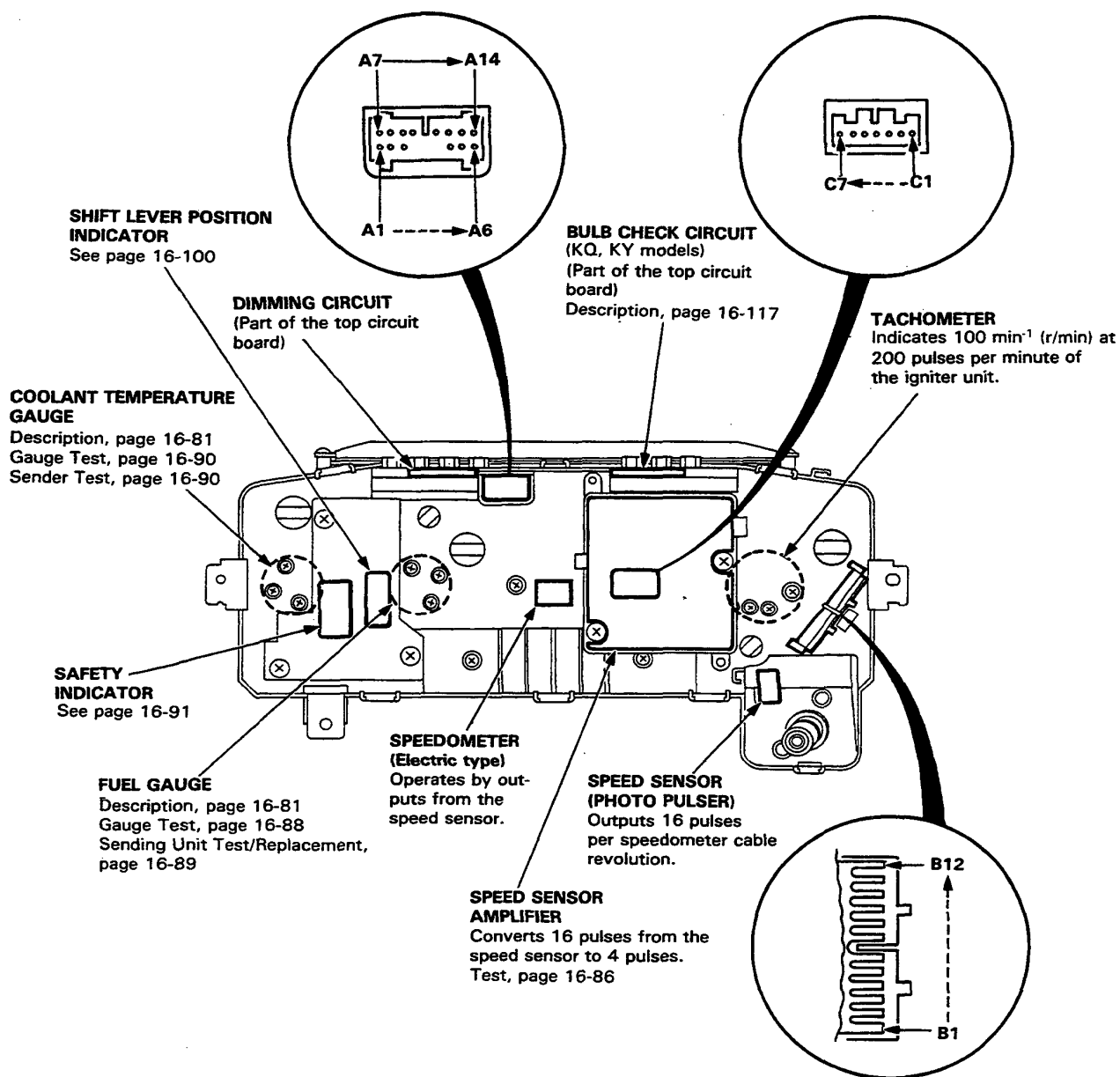


# Gauge Assembly

## Gauge/Indicator Location Index

- **GAUGE ASSEMBLY**  
Removal, page 16-85  
Disassembly, page 16-87
- **ODOMETER**  
Indicates 1 mile at 1,026 revolutions of the speedometer cable.

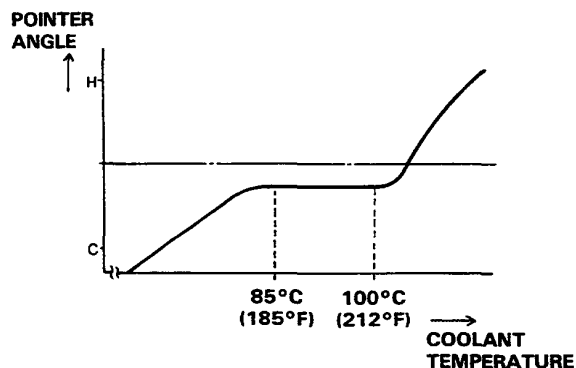




## Description

### **Bobbin Type (Cross Coil Type) Gauge:**

- A bobbin type gauge is an electromagnetic instrument in which two intersecting coils are wound around the permanent magnet rotor. By varying the resistance of the unit to vary the current which flows through the coil, the magnetic force which energizes the coil will vary, causing the rotor (pointer) to operate. A sliding resistance is employed in the fuel gauge just as in a bimetal type gauge, and a thermistor is used in the temperature gauge.
- The rotor of the fuel gauge is immersed in damper oil and its center of gravity lies roughly along the rotating shaft, hence the fuel level is indicated continuously even when the ignition switch is OFF.
- The coolant temperature gauge is a center point stable small indicating angle type which indicates the temperature of the cooling water over the range of between about 85°C (185°F) and 100°C (212°F).



**FUEL GAUGE/COOLANT TEMPERATURE GAUGE**

