

## Exhaust Gas Recirculation – AJ27

The AJ27 SC EGR system provides increased exhaust gas flow over the AJ26 SC system. ECM control is enhanced by an EGR flow monitoring feedback signal.

### Manifold Absolute Pressure Sensor (MAPS)

AJ27 EGR systems include a MAP sensor, which enables the ECM to monitor EGR gas flow into the intake manifold. When the EGR valve opens to allow exhaust gas flow into the throttle elbow, the intake manifold absolute pressure will drop directly proportional to the amount the valve is open. The ECM applies 5 volts to the MAP sensor, which produces a linear output voltage signal to the ECM.

#### NOTES

