

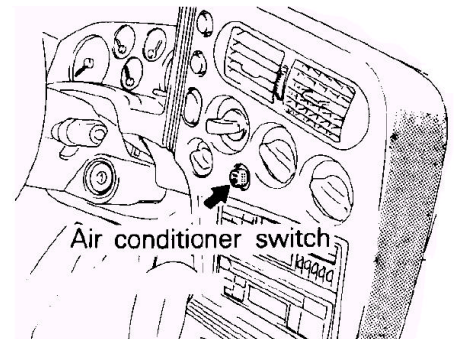
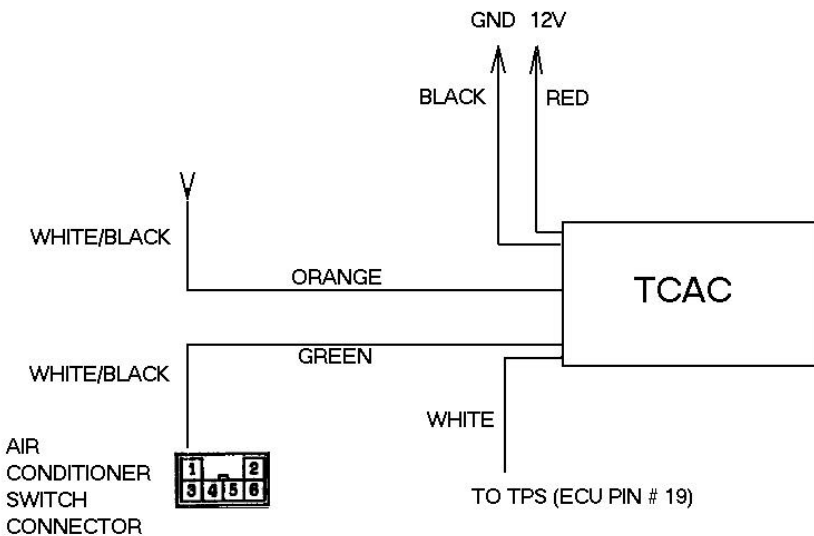
Throttle Controlled Air Conditioner TCAC for 1G DSM

Are you reaching for AC switch when you floor the throttle to relieve the engine from additional load and gain extra HP?

TCAC turns off the Air Conditioner Compressor every time the throttle is pressed over 60% and keeps it off for an additional 6 seconds after the throttle position comes back below 60%. Long enough to let you change gear and accelerate again, also allowing RPM to drop to the lower level before the AC clutch engages again when you begin cursing. TCAC controls both FULL AC and ECONO modes as well as amber and green light indicators of the Air Conditioner Switch.

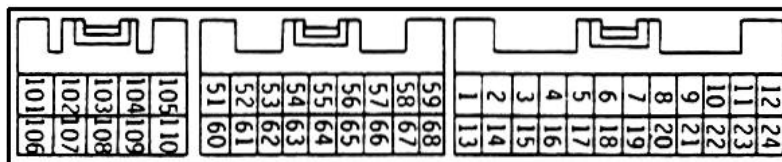
TCAC INSTALATION

Connect TCAC RED wire to fusible +12V, the BLACK wire to ground and the WHITE wire to a signal from a Throttle Position Sensor. Cut the WHITE/BLACK wire at pin #1 of the Air Conditioner Switch Connector leaving approximately 0.5" to 1" of wire at the connector. Connect the ORANGE TCAC wire to the harness side of the WHITE/BLACK wire. Connect the GREEN TCAC wire to the connector side of the WHITE/BLACK wire.



For 1G DSM dashboard disassembly refer to the 1G DSM service manual.

1G DSM ECU Connectors. Pin # 19 (GREEN/WHITE wire) is a TPS signal.



All connectors are shown from the wiring harness view.

Visit www.zeitronix.com for additional installation tips.

60% throttle position cut off may vary for different cars. Typically the tolerance is +5%. Time delay is typically 6s +0.5s. The wiring instructions are for 90-94 Mitsubishi Eclipse, Eagle Talon, Plymouth Laser and 91-92 Mitsubishi Galant VR4.

The AC Control Unit is engaging the AC compressor clutch based on AC system pressure as well as inlet and outlet air temperature. TCAC adds to those variables a throttle position.