

Enricher for 2006 Scion tC

ECU Pinout



Y

Use and Installation Instructions:

- 1) Set V1 to 2V and V2 to 3V (factory settings)
- 2) Select the following switch settings:
 - a. S1 on
 - b. S2 off
 - c. S3 off
 - d. S4 off
 - e. S5 off
- 3) Adjust O2-1, O2-2, O2-3 and O2-4 to a setting of 60.
- 4) Disconnect the battery before making connections to the factory wiring harness.
- 5) Use solder and heat shrink for the best connections.
- 6) Connect the **GREEN/YELLOW** wire (V2) to the **BLUE** wire (+5V)
- 7) Connect the **RED** wire (B+) to the black wire (+B) on ECU pin E4-1
- 8) Connect the **BLACK** wire (B-) and the **TAN/BLACK** wire (O12R) to the red wire (E2) on ECU pin E8-28
- 9) Connect the **WHITE/BLACK** wire (O34R) to the white wire (O1B-) on ECU pin E7-2
- 10) Connect the **YELLOW/GREEN** wire (O1O) to the orange wire (A1A+) on ECU pin E7-23
- 11) Cut the black OX1B signal wire leading to ECU pin E7-29
- 12) Connect the **PINK** wire (O3I) to the sensor side of the cut wire
- 13) Connect the **PINK/BLUE** wire (O3O) to the ECU side of the cut wire
- 14) Reconnect the battery
- 15) Connect the vacuum line to the manifold
- 16) Turn down the O2 adjustments to increase the enrichment in boost. The O2-1 setting adjusts the reading of the pre-cat air/fuel ratio sensor and the O2-3 setting adjusts the reading of the post-cat O2 sensor.