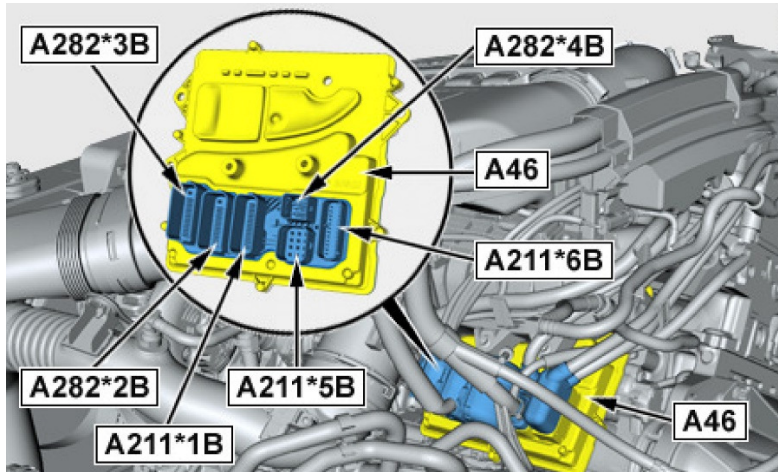
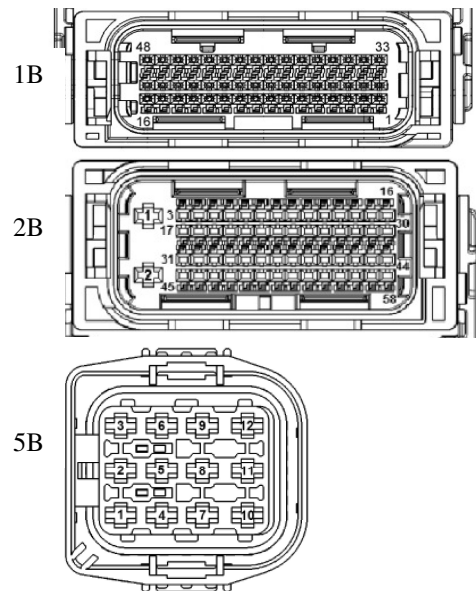


**Installation Instructions for S55**

This unit is specifically designed to provide supplemental fuel on an in-line 6-cylinder engine. It controls six additional injectors with EV6 connectors. The connector locations are shown below. Connections should be made a few inches away from the DME connectors.



Terminal Side View of Connectors



**WARNING!** Disconnect the battery before making wire connections

- 1) Wire colors in bold refer to wires on the AIC1. Harness wire colors may vary depending on model.
- 2) Disconnect the negative terminal of the battery.
- 3) Locate the unit in a protected area that gets minimum heat and moisture.
- 4) Route the injector harness to the supplemental injectors. Plug the connectors into the injectors.
- 5) For the best electrical connections, we recommend non-insulated barrel crimp connectors covered with heat shrink or solder and heat shrink.
- 6) Connect the **BLACK** (B-) wire to the brown wire on 5B pin 1. As an alternative, connect the **BLACK** wire to the location where the brown wires on connector 5B connect to ground.
- 7) Connect the **RED** (IGN) wire to the red wire on 5B pin 6.
- 8) Connect the **GREEN** (Vin) wire to the yellow wire on 2B pin 51.
- 9) Connect the **YELLOW/BLACK** (tach) wire to the black/red wire on 1B pin 2.
- 10) Reconnect the battery.
- 11) Refer to the AIC1 data sheet and R4 software datasheet for programming instructions. Under options and system settings, select Voltage and Additional Injector Controller. Under engine settings select 6-cylinder, 4-stroke. All injectors are controlled by map table A.

If you have any difficulty with installation, please call us at (949)863-1359 for assistance.

**THANK YOU FOR CHOOSING SPLIT SECOND**