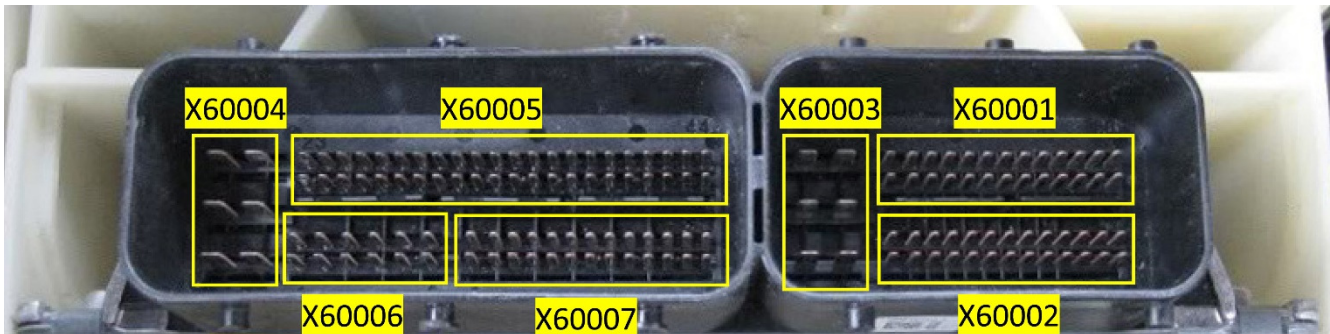
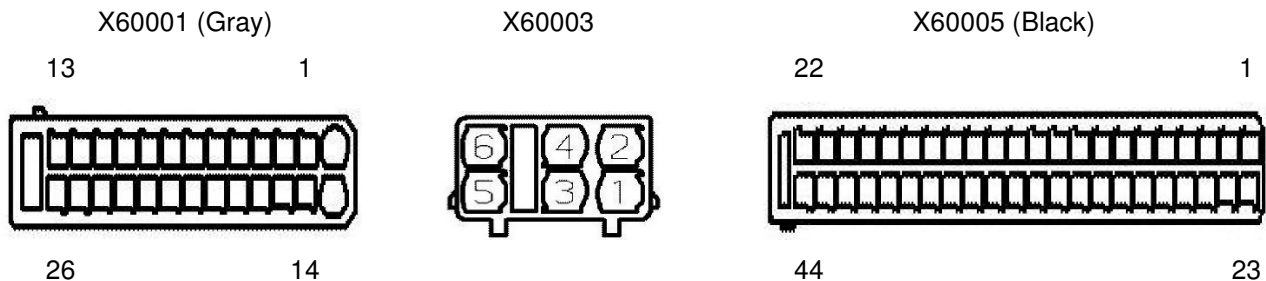


Installation Instructions for N54

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.



Views below are looking at the terminal side of the 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 the protected area for the DME on the passenger side of the engine compartment.
- 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 X60003 pin 6.
- 7) Connect the **RED** (IGN) wire to the orange wire on X60003 pin 2.
- 8) Connect the **GREEN** (Vin) wire to the yellow wire on X60005 pin 10.
- 9) Connect the **YELLOW/BLACK** (tach) wire to the black wire on X60001 pin 21.
- 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.

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