

Cummins ISX15 / X15

OEM Turbo Communication Harness

Installation Instructions:

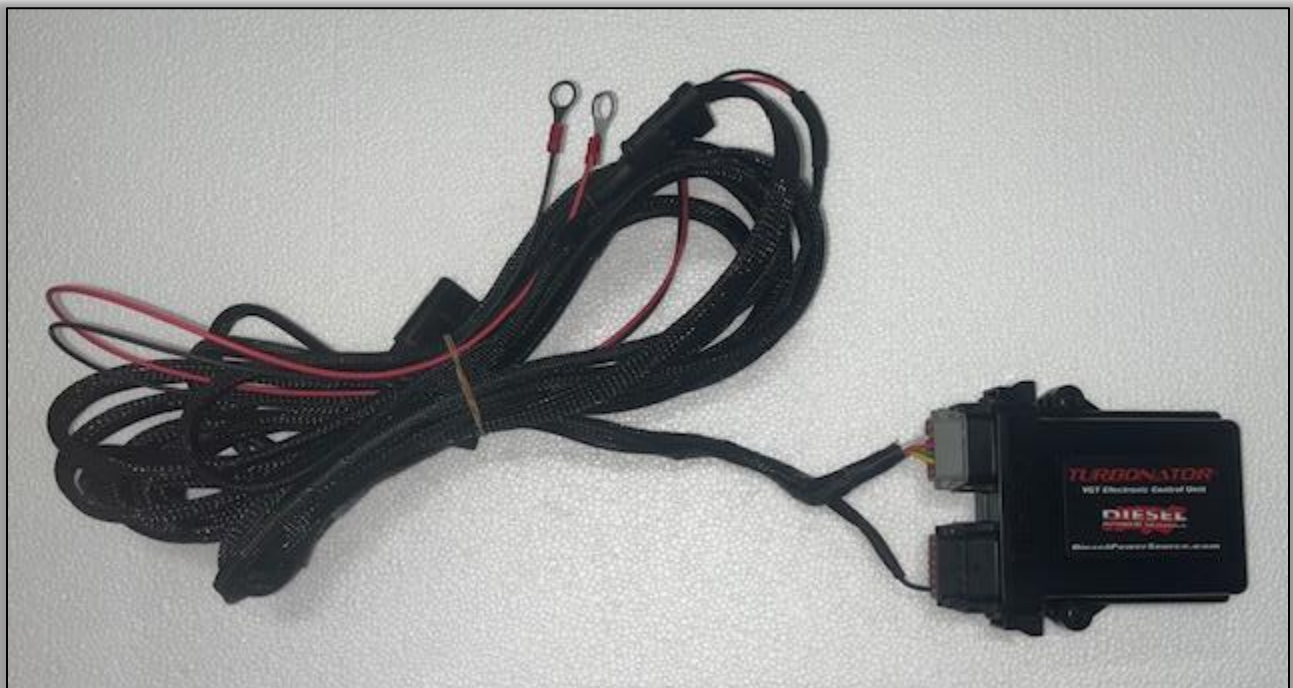


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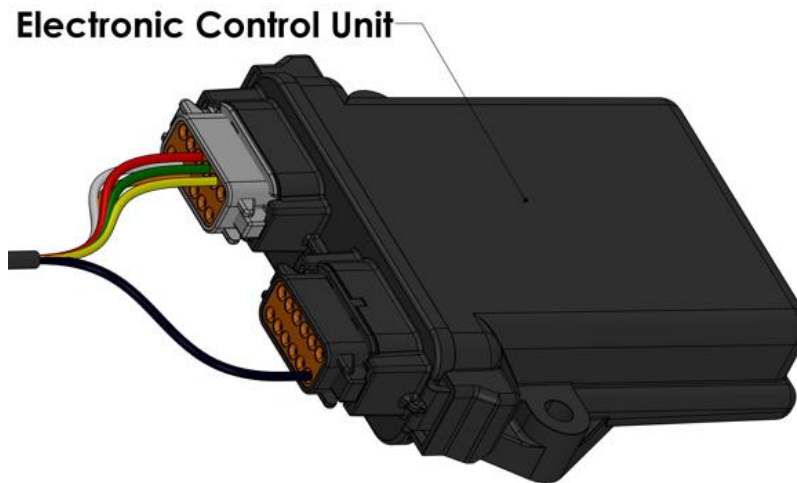
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Wire Harness Schematics & Connector Pinouts:

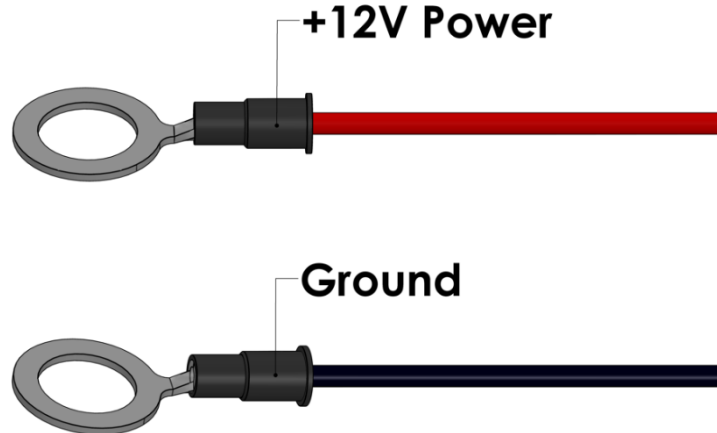
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Wire Harness Installation Instructions:

Step #1: Mount the electronic control unit on the driver's side of the engine bay away from the engine block against the firewall.



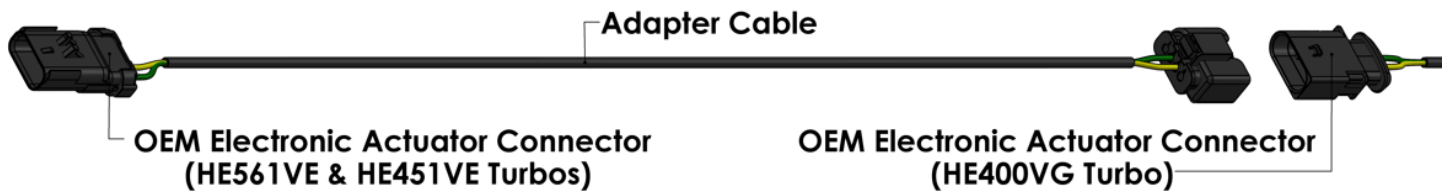
Step #2: Connect the wire harness **red** +12V power wire, and **black** ground wire to either your truck's alternator, or one of its +12V batteries. (**WARNING:** The electronic control requires +12V power to function properly. Double check the voltage of your power supply with a multimeter before you make these connections.)



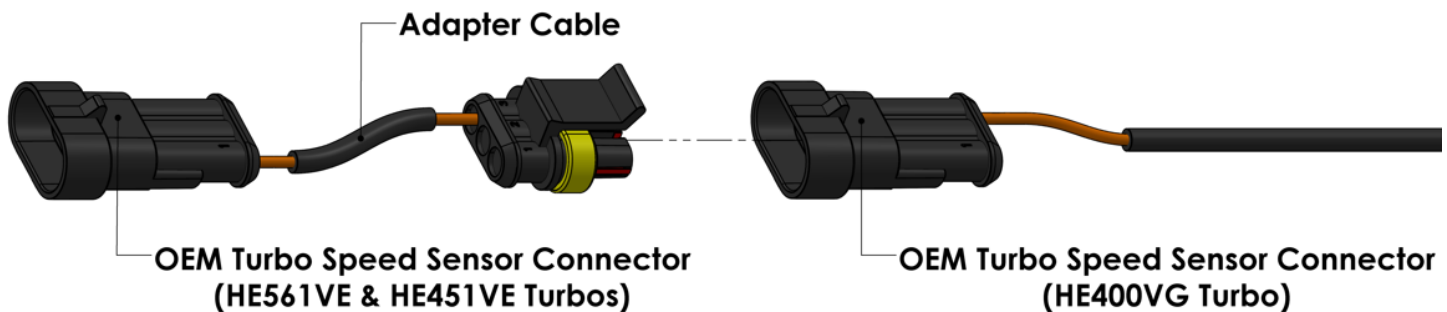
Step #3: Attach the wire harness **white** ignition/accessory power wire into any of your trucks +12V ignition-controlled wires.



Step #4: Connect the wire harness **OEM electronic actuator connector** into your truck's OEM wire harness in place of the OEM electronic actuator. All harnesses come with the OEM HE400VG turbo electronic actuator connector. If your truck had a HE561VE or HE451VE turbo, you would receive a preinstalled adapter cable with the appropriate OEM electronic actuator connector for your truck.

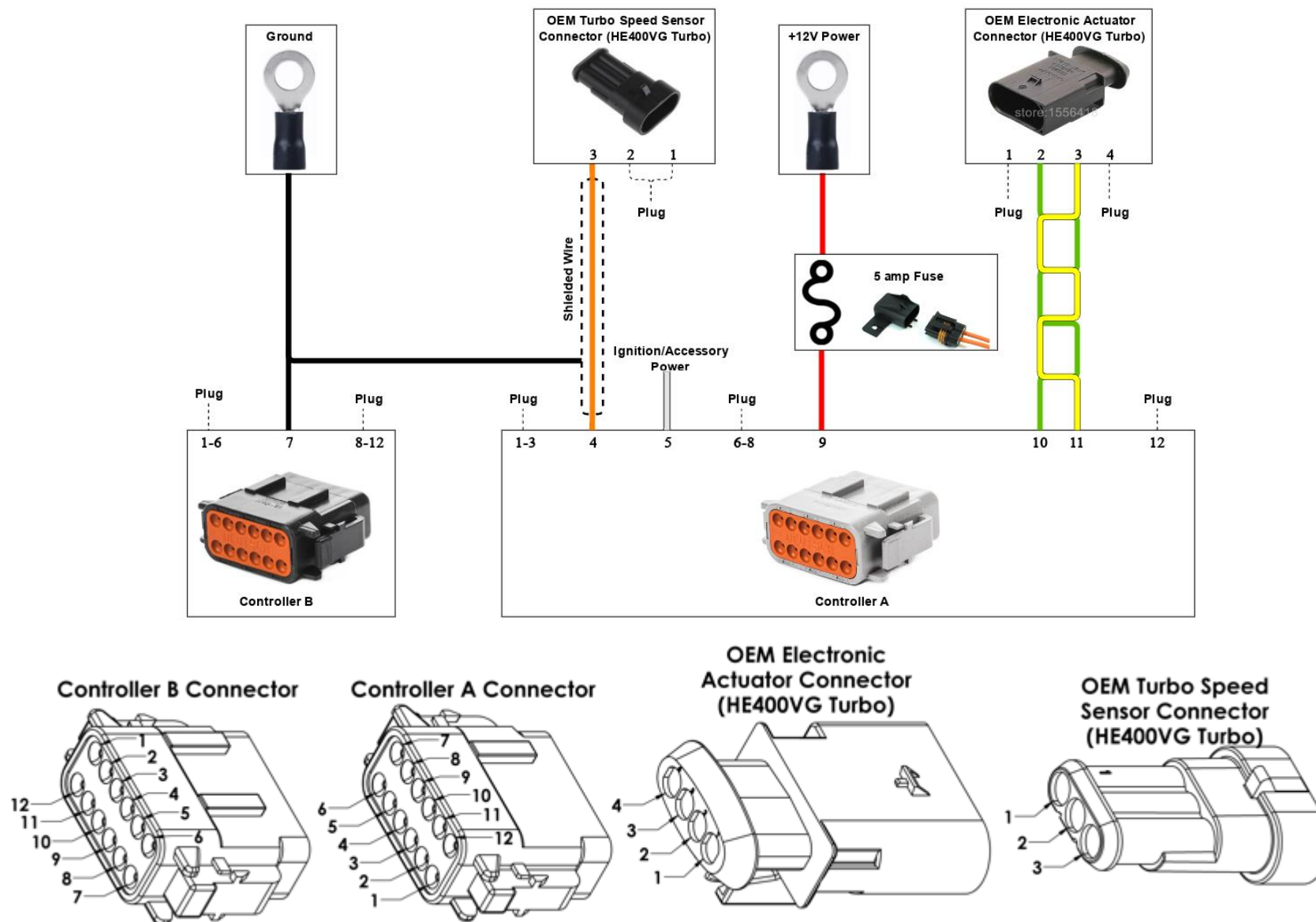


Step #5: Connect the wire harness **OEM turbo speed sensor connector** into your truck's OEM wire harness in place of the OEM turbo speed sensor. All harnesses come with the OEM HE400VG turbo speed sensor connector. If your truck had a HE561VE or HE451VE turbo, you would receive a preinstalled adapter cable with the appropriate OEM turbo speed sensor connector for your truck.

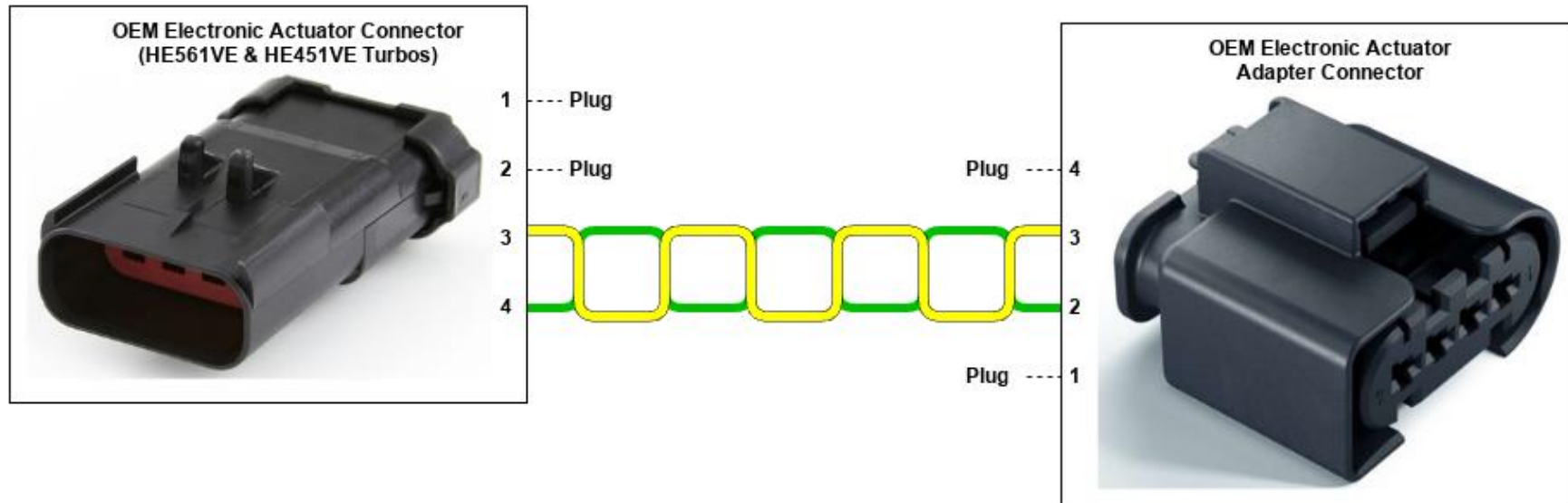


Step #14: Use zip ties to secure any loose wires. Make sure none of the wires are near hot surfaces or any snag points. Improper installation of the harness will void warranty.

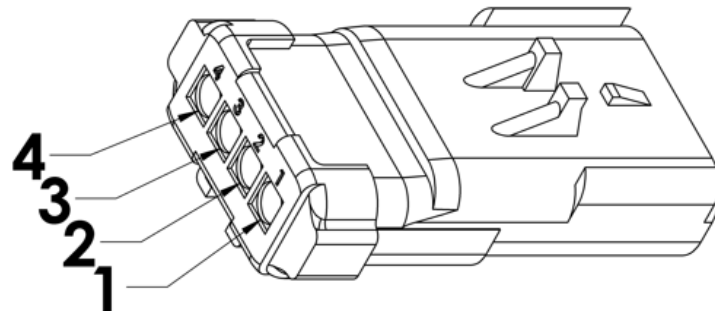
Main Wire Harness Schematic & Connector Pinouts:



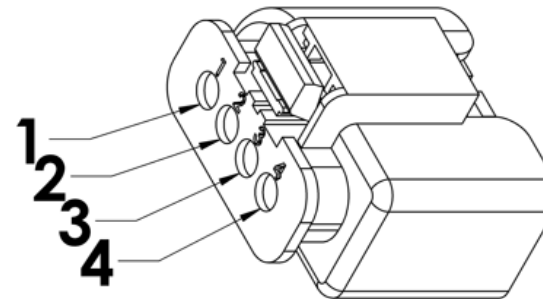
OEM Electronic Actuator Adapter Cable Schematic & Connector Pinouts:



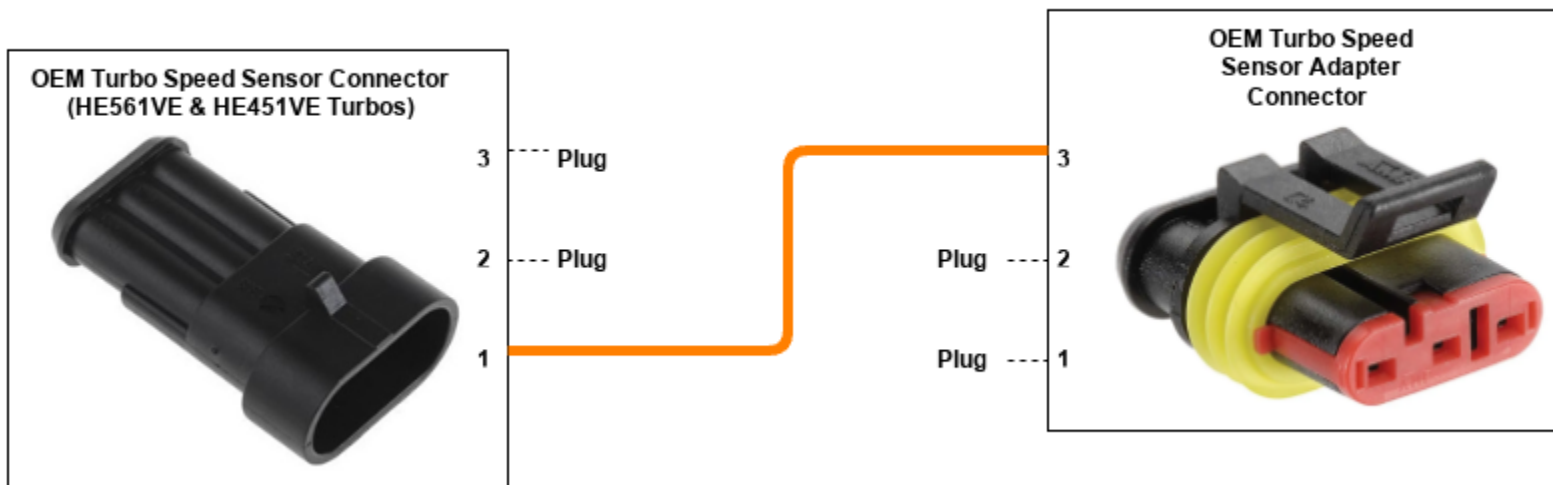
**OEM Electronic
Actuator Connector
(HE561VE & HE451VE Turbos)**



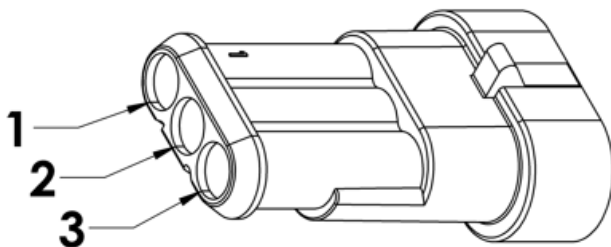
**OEM Electronic Actuator
Adapter Connector**



OEM Turbo Speed Sensor Adapter Cable Schematic & Connector Pinouts:



**OEM Turbo Speed Sensor
Connector
(HE561VE & HE451VE Turbos)**



**OEM Turbo Speed
Sensor Adapter
Connector**

