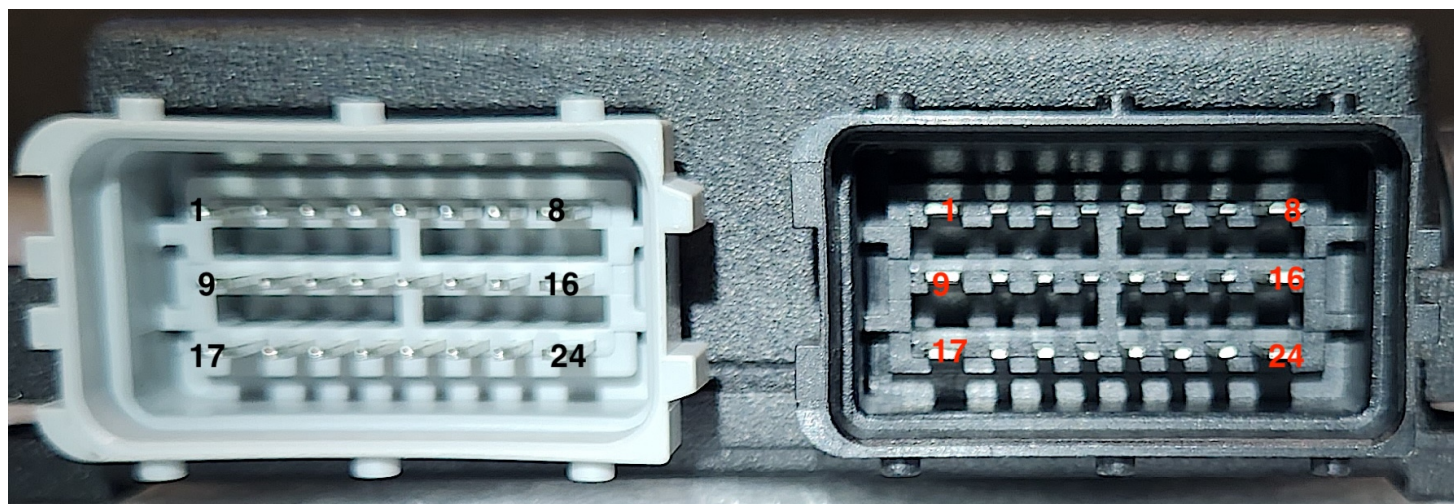




| Pin | Grey Connector                  |
|-----|---------------------------------|
| 1   | Green O2 Wideband               |
| 2   | Red O2 Wideband                 |
| 3   | Stepper 2A - DBW1               |
| 4   | Stepper 1A - Analogue PA5       |
| 5   | Stepper 1B - Analogue PA2       |
| 6   | Stepper 2B - DBW2               |
| 7   | VR1-                            |
| 8   | Crank input                     |
| 9   | White O2 Wideband               |
| 10  | Yellow O2 Wideband              |
| 11  | Launch Input (Digital) D51      |
| 12  | VSS input (Digital) D34         |
| 13  | Spare input (Analogue) A8 - PA4 |
| 14  | Coolant input (Analogue)        |
| 15  | VR2-                            |
| 16  | Cam input                       |
| 17  | Grey O2 Wideband                |
| 18  | Black O2 Wideband               |
| 19  | +5v Reference                   |
| 20  | Flex Fuel input (Digital) D2    |
| 21  | Clutch input (Digital) D23      |
| 22  | IAT input (Analogue)            |
| 23  | TPS Input (Analogue)            |
| 24  | O2                              |

| Pin | Black Connector            |
|-----|----------------------------|
| 1   | Ground                     |
| 2   | Thermo Fan Output          |
| 3   | Spare LC Output D33 - PD11 |
| 4   | Injector 1 Output          |
| 5   | Injector 2 Output          |
| 6   | Injector 3 Output          |
| 7   | Injector 4 Output          |
| 8   | Ground                     |
| 9   | +5v Reference              |
| 10  | CAN L                      |
| 11  | Fuel Pump Output - PA7     |
| 12  | Ignition 1 Output          |
| 13  | Ignition 2 Output          |
| 14  | Ignition 3 Output          |
| 15  | Ignition 4 Output          |
| 16  | Ground                     |
| 17  | +12v Switched              |
| 18  | CAN H                      |
| 19  | Tach out Output            |
| 20  | Idle 2 Output D6 - PB12    |
| 21  | Idle 1 Output D5 - PB11    |
| 22  | VVT output D4 - PC6        |
| 23  | Boost output D7 - PD3      |
| 24  | Ground                     |