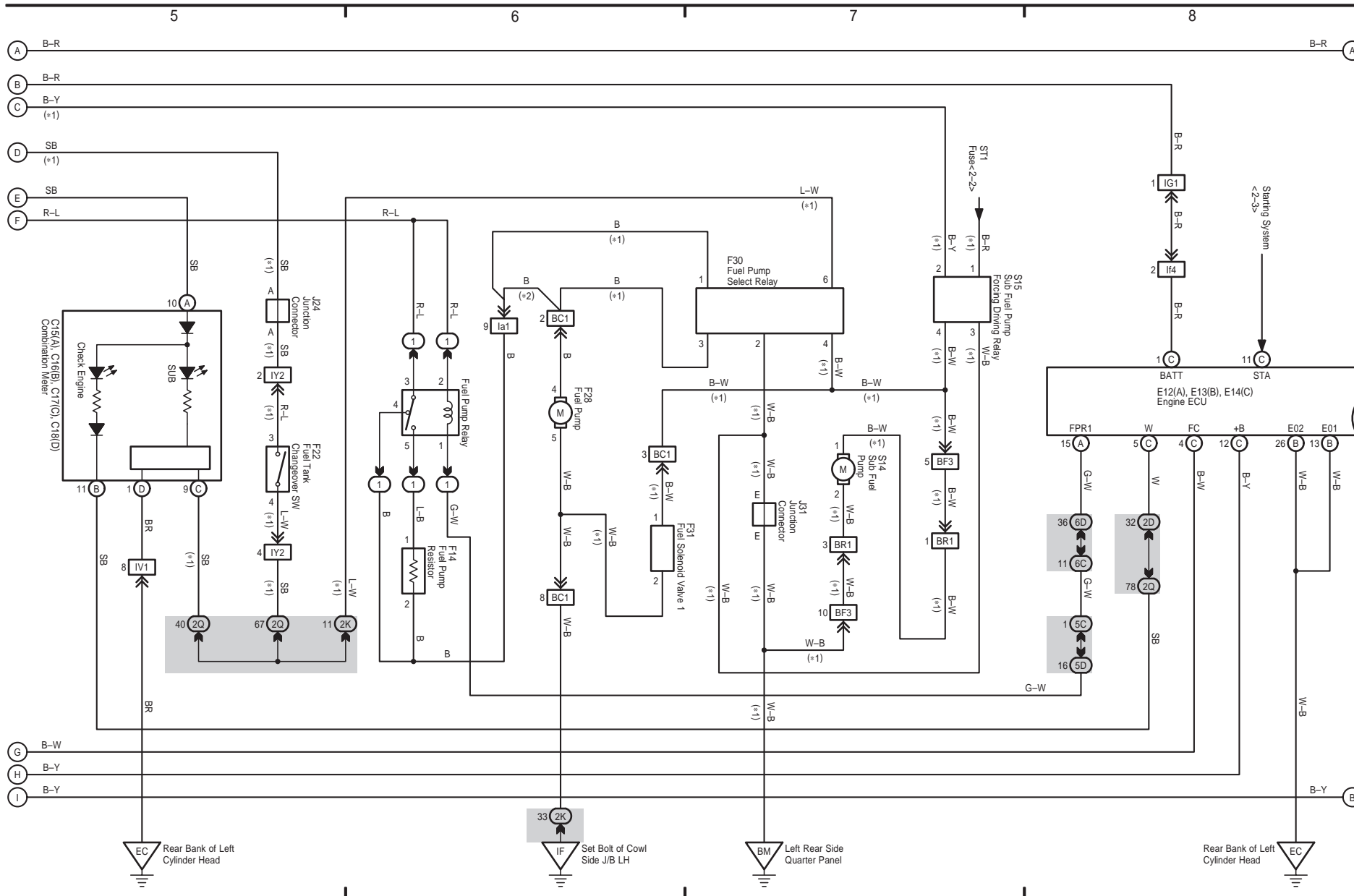


Engine Control and Fuel Tank Changeover (1FZ-FE)

* 1 : w/ Sub Tank
* 2 : w/o Sub Tank



LAND CRUISER Station Wagon (EM0020E)

Wiring diagram for the ECU (Engine Control Unit) of a 1997-1998 Honda Civic EX 1.8L. The diagram shows the ECU (E12(A), E13(B), E14(C)) connected to various sensors and actuators.

ECU Pins and Connections:

- Pin 1:** B-R (Battery Return)
- Pin 2:** B-R (Battery Return)
- Pin 3:** B-R (Battery Return)
- Pin 4:** B-R (Battery Return)
- Pin 5:** B-R (Battery Return)
- Pin 6:** B-R (Battery Return)
- Pin 7:** B-R (Battery Return)
- Pin 8:** B-R (Battery Return)
- Pin 9:** B-R (Battery Return)
- Pin 10:** B-R (Battery Return)
- Pin 11:** B-R (Battery Return)
- Pin 12:** B-R (Battery Return)
- Pin 13:** B-R (Battery Return)
- Pin 14:** B-R (Battery Return)
- Pin 15:** B-R (Battery Return)
- Pin 16:** B-R (Battery Return)
- Pin 17:** B-R (Battery Return)
- Pin 18:** B-R (Battery Return)
- Pin 19:** B-R (Battery Return)
- Pin 20:** B-R (Battery Return)
- Pin 21:** B-R (Battery Return)
- Pin 22:** B-R (Battery Return)
- Pin 23:** B-R (Battery Return)
- Pin 24:** B-R (Battery Return)
- Pin 25:** B-R (Battery Return)
- Pin 26:** B-R (Battery Return)
- Pin 27:** B-R (Battery Return)
- Pin 28:** B-R (Battery Return)
- Pin 29:** B-R (Battery Return)
- Pin 30:** B-R (Battery Return)
- Pin 31:** B-R (Battery Return)
- Pin 32:** B-R (Battery Return)
- Pin 33:** B-R (Battery Return)
- Pin 34:** B-R (Battery Return)
- Pin 35:** B-R (Battery Return)
- Pin 36:** B-R (Battery Return)
- Pin 37:** B-R (Battery Return)
- Pin 38:** B-R (Battery Return)
- Pin 39:** B-R (Battery Return)
- Pin 40:** B-R (Battery Return)
- Pin 41:** B-R (Battery Return)
- Pin 42:** B-R (Battery Return)
- Pin 43:** B-R (Battery Return)
- Pin 44:** B-R (Battery Return)
- Pin 45:** B-R (Battery Return)
- Pin 46:** B-R (Battery Return)
- Pin 47:** B-R (Battery Return)
- Pin 48:** B-R (Battery Return)
- Pin 49:** B-R (Battery Return)
- Pin 50:** B-R (Battery Return)

ECU Connections:

- Injector No. 1 (I10):** B-R (Pin 1), Y (Pin 2), Y (Pin 12)
- Injector No. 2 (I11):** B-R (Pin 1), G (Pin 2), G (Pin 11)
- Injector No. 3 (I12):** B-R (Pin 1), Y-B (Pin 2), Y-B (Pin 25)
- Injector No. 4 (I13):** B-R (Pin 1), G (Pin 2), G (Pin 11)
- Injector No. 5 (I14):** B-R (Pin 1), Y (Pin 2), Y (Pin 12)
- Injector No. 6 (I15):** B-R (Pin 1), Y-B (Pin 2), Y-B (Pin 25)
- Ignition Coil and Igniters (IGT1, IGT2, IGT3, IGF):** B (Pin 20), R (Pin 19), L (Pin 18), B-W (Pin 3)
- Check Connector (7-6):** P-B (Pin 8), V-W (Pin 10)
- Stop Light SW (<19-4>):** G-W (Pin 2)
- Combination Water (<52-6>):** V (Pin 9)
- Manual Air Conditioner System (<55-9>):** ACT (Pin 21), AC1 (Pin 10)
- Transponder Key Computer (<7-4>):** IMI (Pin 12), IMO (Pin 23)
- DLC3 (<7-8>):** B (Pin 7), B (Pin 10)
- ISC Valve:** B (Pin 7), B (Pin 10)
- RSD:** B (Pin 10)
- THA:** Y-B (Pin 3), Y-B (Pin 10), Y-B (Pin 8)
- VAF:** V-W (Pin 7), V-W (Pin 6), V-W (Pin 3), V-W (Pin 19), V-W (Pin 4)
- VC:** L-R (Pin 1), L-R (Pin 9), L-R (Pin 9), L-R (Pin 9)
- E2:** BR-W (Pin 9), BR-W (Pin 2), BR-W (Pin 1), BR-W (Pin 19), BR-W (Pin 7)
- PIM:** P-L (Pin 2), VOUT (Pin 2), VCC (Pin 3), L-R (Pin 1), BR-W (Pin 1), BR-W (Pin 1)
- VTA:** R-Y (Pin 11), R-Y (Pin 3), L-R (Pin 1), BR-W (Pin 1), BR-W (Pin 1)
- THW:** G-B (Pin 4), G-B (Pin 2), BR-W (Pin 1), BR-W (Pin 1)
- E1:** BR (Pin 14), BR (Pin 14), BR (Pin 14)
- KNK1:** B (Pin 5), B (Pin 1), B (Pin 1)
- KNK2:** W (Pin 13), W (Pin 1), W (Pin 1)
- G2:** R (Pin 5), R (Pin 1), R (Pin 1)
- NE-:** G (Pin 17), G (Pin 1), G (Pin 1)
- NE:** B (Pin 4), B (Pin 1), B (Pin 1)
- EC:** BR (Pin 14), BR (Pin 14), BR (Pin 14)