

## ***2001-2005 Honda Civic K-Swap Conversion Wire Harness***

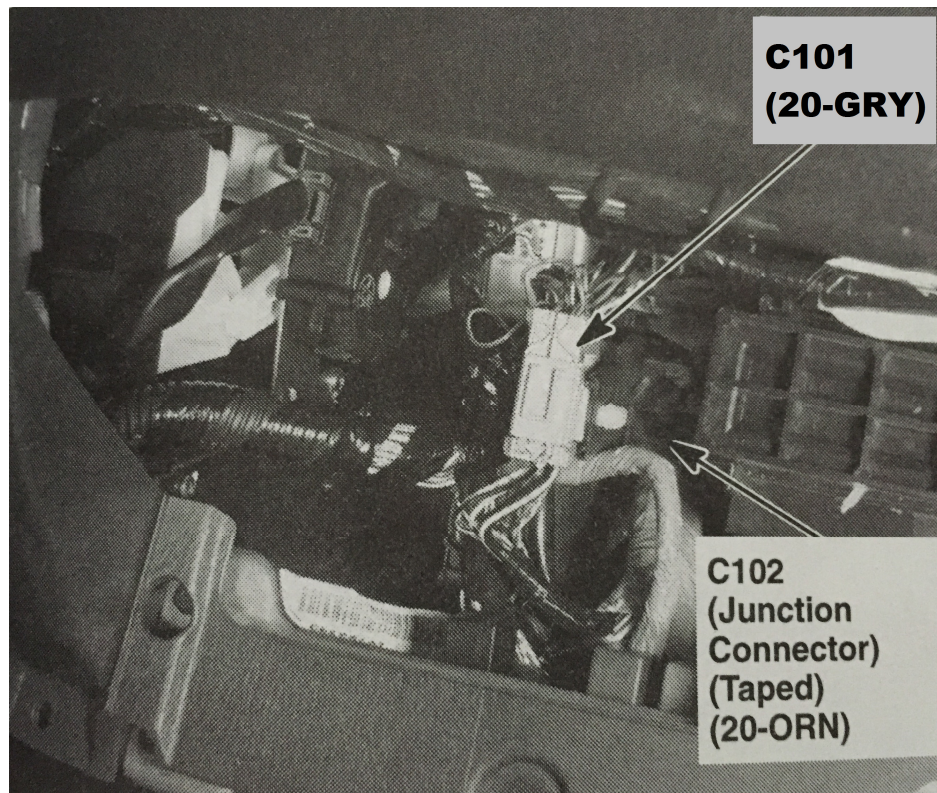
### ***Instructions V1.5***

Compatible with the 02-04 K20A/A2/A3 engine wiring harness **ONLY**



#### **Installation:**

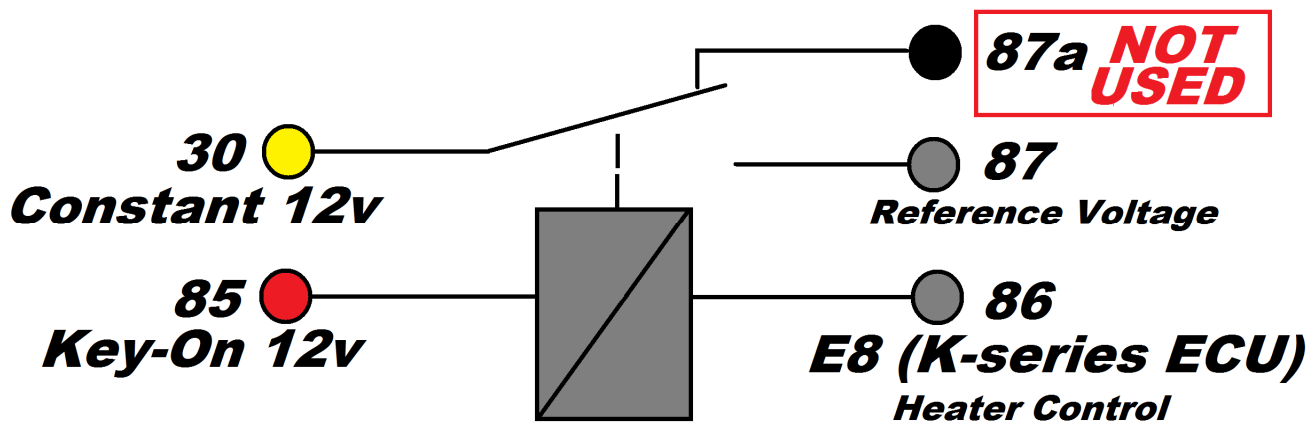
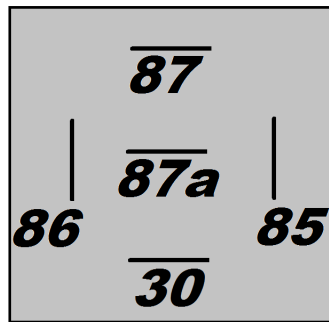
- 1. Install the K-series engine wiring harness through the firewall, locate it behind the glovebox.**
- 2. Locate and disconnect connector C101, located behind the glovebox.**



3. Connect the Hybrid Racing conversion harness to the OEM Honda Civic C101, and the K20A/A2/A3 engine wiring harness C101.
4. The relay located on the Hybrid Racing conversion harness is for the primary AF sensor. This has no other function.
5. There are 3 wires that need to be connected; the colors of these wires may vary based on the model/version.

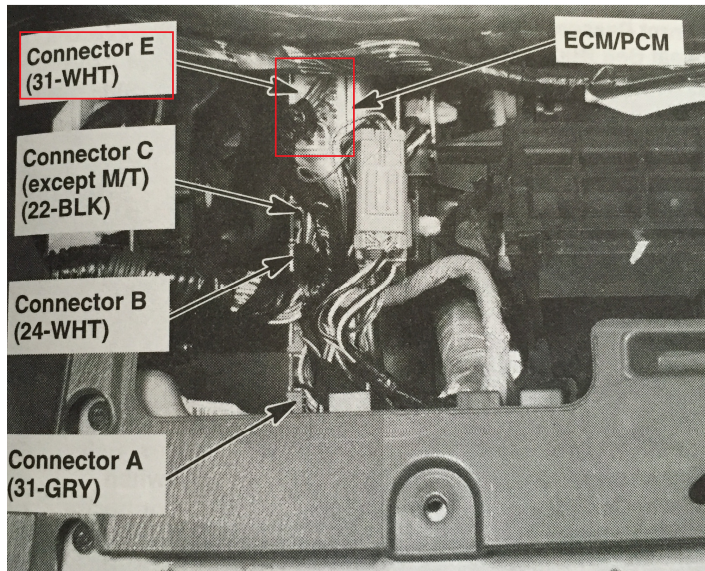
## **Primary Wideband O2 Sensor Relay**

### **A/F RELAY**



6. Locate the wires that are coming from the AF relay.
7. Key-On 12v – Connect this wire to a fused 12v source that gets power when the ignition is turned ON.
8. Constant 12v – Connect this wire to a fused 12v source that has power at all times.

9. To E8 – Connect this wire to the ECU Connector E, pin location 8 on the 01-05 Honda Civic dash wiring harness. This is an ORANGE wire. There will be a terminal in that location so remove it and install the wire supplied from the HR relay. Alternatively, you can cut E8 and connect the wire from the relay TO the ECU connector.



### Connector E

- White
- On ECM/PCM wire harness

1	2	3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17	18	19	20	21
22	23	24		25	26		27	28	29	30	31

1 GRN/YEL (IMO FPR)	16 LT GRN/BLK (PSPSW)
2 EX: WHT/RED (SHO2S) HX: BLU (THO2S)	17 GX: BLU/RED (TF2)
3 BRN/YEL (LG3)	18 RED (ACC)
4 PNK (SG3)	19 GX: ORN (PFO)
5 YEL/BLU (VCC3)	20 except GX: BLU/RED (2WBS) GX: GRN (STSWC)
6 HX: WHT/BLK (TO2SHTC) EX: BLK/WHT (SO2SHTC)	21 except GX: LT GRN/RED (VSV) GX: LT GRN/RED (TFO)
7 RED/YEL (MRLY)	22 WHT/BLK (BKSW)
8 HX; '04-'05 DX, LX, EX: ORN (AFSHTCR)	23 LT BLU (K-LINE)
9 YEL/BLK (IG1)	24 YEL (SEFMJ)
10 —	25 CVT: BLU/WHT (VSSOUT)
11 —	26 BLU (NEP)
12 A/T: BLU/ORN (CCS)	27 RED/BLU (IM OCD)
13 A/T: WHT/BLU (ILU)	28 GX: PUR (P1SW)
14 GX: LT GRN (PF2) except GX: LT GRN (FTP)	29 BRN (SCS)
15 USA: GRN/RED (ELD) Canada: (Not used)	30 RED/WHT (WEN)
	31 GRN/ORN (MIL)



- 10. Connect the other engine of the conversion wiring harness to a 02-04 RSX Type S oxygen sensor. This is the ONLY sensor that is supported by the ECU and wiring.**



- 11. Make sure to disable applicable sensors inside of the Hondata KPRO software (if you are using it.)**
- 12. If you are using an OEM ECU with an immobilizer bypass box, make sure all connections are sound.**

**If you have followed these steps, the installation of the wiring harness is complete. Please contact us if you have technical problems or questions.**

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