

## ***EF Civic & CRX CONVERSION WIRING HARNESS***

This harness was designed to be used in situations where the OEM 02-04 K20 engine wiring is being adapted into the 1988-1991 Honda Civic / CRX. All wires supplying voltage should be fused. Please refer to your MODEL YEAR specific wiring and circuit diagrams before attempting an install. Email [Support@hybrid-racing.com](mailto:Support@hybrid-racing.com) with questions regarding specific installation.

Follow the wire description to aid in the installation.

### ECU - E CONNECTOR

- ***(GREEN) E1 – Fuel pump control*** – This location is responsible for sending a Ground signal to switch over a portion of the MAIN RELAY which energizes the Fuel Pump. Connect the wire labeled “ TO FUEL PUMP RELAY” to OEM OBD0 Connector A, pin 12 or pin 14. These wires should be GRN/BLK color.
- ***(ORANGE) E31 MIL Output*** – This location is responsible for sending a Ground signal to illuminate a light bulb in the instance an ECU error code has been received. Connect the wire labeled “MIL OUTPUT TO CLUSTER” to OEM OBD0 Connector B, pin 6. The OEM wire should be GRN/ORN color.

### C101

- ***(WHITE) 3 - VSS Output*** – This location is responsible for sending the VSS signal to a gauge. Connect the wire labeled “SPEED SENSOR OUTPUT” to the OEM OBD0 Connector B, pin location 16. The OEM wire color should be YEL.
- ***(YELLOW) 7- Fan Control*** – This location is responsible for sending a ground signal to a FAN RELAY. Connect this wire to the ground leg of a COOLING FAN SWITCH inserted in the lower section of your cooling system. If you wish to use KPRO to control the fans, you do not need to connect this wire.
- ***(GRAY) 14- ECU Power*** – This location is responsible for connecting the ECU to a power source. The best power source is the OEM OBD0 12v source, which is on the A connector pins 13 or 15. The OEM wire colors are YEL/BLK.

### MISC

- ***(BLUE) Coolant Temp Sensor*** – This location is responsible for connecting an OEM coolant temp sensor to your gauge cluster. You will need an EF temp sensor threaded into the upper section of your cooling system. Connect this wire to a sensor in order to have a functioning coolant gauge.

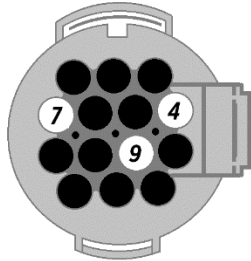
This harness is not plug and play. The information presented in this guide is specifically for the 1988-1991 Civic & CRX models. Other versions or engine swapped cars may require a different installation.

Please refer to the OEM Honda wiring schematics to aid installation. Be sure to check all connections before installing the K-Series ECU.

This item may not be legal for highway use. Hybrid Racing is not responsible for any direct or indirect, actual or incidental expense attributed to the use of any performance parts sold by Hybrid Racing LLC. Purchasers agree to all of the terms of this agreement upon the purchase of parts.

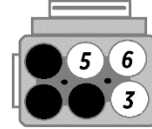
# 88-89 Honda Civic / CRX

**STD / DX C313**



**OR**

**Si / HF C212**

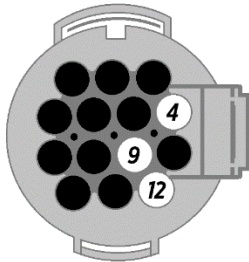


**GRN/RED -> 7 (Back-up lights)**  
**GRN/ORN -> 4 (Back-up lights)**  
**YEL/GRN -> 9 (Fan Control)**

**GRN/RED -> 6 (Back-up Lights)**  
**GRN/ORN -> 3 (Back-up Lights)**  
**YEL/GRN -> 5 (Fan Control)**

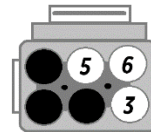
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**The images shown are of the back of the connector with the wires going INTO the connector.**