

**Congratulations!** You have just purchased the EMWK adapter wiring harness.

**Hasport Performance** products are the result of extensive research and engineering. Our wiring adapter harnesses are designed to fit and work like stock. Hasport Performance adapter harnesses are built using OEM materials whenever possible and are guaranteed to work properly. All wiring harnesses have a lifetime warranty against any defects.

**Bill of Materials for Part Number EMWK**

<b>Quantity</b>	<b>Description</b>
<b>1</b>	<b>EMWK adapter harness</b>
<b>9</b>	<b>Scotchlok electrical connector</b>
<b>1</b>	<b>Automotive relays</b>

**Additional Recommended Items**  
**Pliers**

**Please read all instructions before proceeding with the installation**

These instructions pertain to the wiring adapter for a K20A installation into a 1999-2000 Civic with the exception of the HX model. For more information on this swap please go to [www.hasport.com](http://www.hasport.com).

**Getting Started**

Before we begin the new engine should be mounted with its engine harness installed.

This adapter harness is designed to work with the US versions of the RSX Type S or Civic Si engine harnesses.

For safety, the battery should be disconnected.

**Installing the New Harness in the Engine Bay**

Starting from inside the car's cabin, feed the three dark gray plugs through the firewall where the stock engines wiring harness originally exited the cabin. Pull the harness through until the loomed section is completely through the hole. Lay the adapter harness along side the K-series harness. The Air Fuel Ratio Sensor connector will drop down between the firewall and rear cross member at the center of the car.

The 10 pin connector that goes to the driver side shock tower should continue to stay low near the cross member until it gets to the driver side frame rail and then come up to the place it connects to.

The radiator fan switch connector and temperature gauge connector can be laid along side the K20 engine harness until it reaches the point it gets connected. Use zip ties or high quality electrical tape to secure the harness so that it cannot come loose and get damaged.

If you are using the Hasport inline thermostat adapter to mount the radiator fan switch and temp sensor the harness is designed to reach here.

Attach the connectors to their respective sensors. The ground wire must be attached too to insure proper operation of the water temp sensor.

If you are mounting them elsewhere the wires may need to be rerouted or lengthened.

### **Installing the New Harness in the Cabin**

Connect the white/blue wire from the bag to the light gray 20 pin plug on the RSX engine harness at location 8 (Next to the solid green wire.)

Use the Scotchlok to connect the single white wire with the blue stripe to the same color wire at the B ECU plug pin 10 on the K-series ECU plug. This wire is for the Alternator charge lamp.

Connect the light gray 20 pin male connector to the K20 engine harness.

Connect the green 22 pin female connector to the Civics body harness.

Using cable ties secure the relay up above the area where the computer mounts to the side of the foot well.

Connect the ECU to the two connectors on the engine harness and the white E plug on the adapter harness.

There are another 5 wires that will need to be spliced into the Civic's remaining ECU (A) plug. Use the provided Scotchlok to attach the remaining wires to their positions as follows:

Grn/Yel to A16 (FLR)

Grn/Red to A30 (ELD)

Red to A17 (ACC Relay) (Black/Red on Stock ECU harness)

Blu to A19 (NEP-tach signal)

Grn/Orn to A18 (MIL)

Route the new Data Link Connector (DLC) plug to a position near the EK's DLC.

There are three wires on the Hasport DLC that will need to be connected to wires on the EK DLC. Using the supplied Scotchloks, connect the following wires:

Hasport harness	EK DLC	Description
Black	Black	DLC ground
White/Red	White/Red	DLC power
Blue	Light Blue	SRS communication

### **Finishing**

The ECU can be placed in the stock location and should be secured so accidental damage cannot occur.

At this time Hasport does not offer a bracket for mounting the ECU in the stock location.