

Thank you for purchasing one of our quality Locash Racing products.

Product: OBD Conversion Harness (Purchased after May, 1st, 2009)
Model: OBD0 to OBD1 ECU
Part #: OBD0-1-Black

In order to complete the installation of your conversion harness, additional sensors and/or equipment may need to be connected to the subharness.

<u>Color</u>	<u>Function</u>
Black	Vtec Solenoid Signal
Brown	O2 Sensor Heater Control
Red	Intake Air Bypass Signal (P72/P13 ECUs only)
Grey	O2 Sensor Signal
White	Knock Sensor Signal
Green	Vtec Pressure Switch Signal
Blue	Service Check Signal
Purple	Ground - O2 Sensor
Orange	Ground – Service Check Signal
Yellow	Power – O2 Sensor

Installation Notes:

IAB- Only for P72 or P13 ECUs (AKA Secondary Butterflies)

Service Check (ground and signal)- These connections have been added for your convenience only, a simple toggle switch can be used to connect the two wires. The use of this alternate service check connection is optional, if you choose to continue using the original system, simply cap the connections so as to not accidentally ground the signal wire and activate the service check circuit.

IMPORTANT:

-The above connections may not be used in all configurations, JDM ECUs will not require most of the extra sensors.

-Please consult a professional installer in order to avoid serious damage to the vehicle's components.

This product is designed for off road use only

Any questions or comments, please feel free to contact us at info@locashracing.com

Additional Information

OBD0 to OBD1 Distributor Wiring

<u>OBD0 (Harness Side)</u>	<u>OBD1 OEM Dist.(Distributor Side)</u>
Blue w/Green Stripe	Orange*
Blue w/Yellow Stripe	White*
Orange w/Blue Stripe	Orange w/Blue Stripe
White w/Blue Stripe	White w/Blue Stripe
Orange	Blue w/Green Stripe
Thin White	Blue w/Yellow Stripe
Thick White**	Yellow w/Green Stripe

*Note 1: On some aftermarket OBD1 distributors, the Orange and the White wire are swapped.

**Note 2: If you confuse the two OBD0 white wires, the car will not start and could cause ignitor failure!

Injector Resistor Box Info

If you are using OBD1 fuel injectors, remove the injector resistor box and connect all five wires (that were originally connected to the resistor box) together.

Special Instructions if used with Hasport Wiring Conversion

If you are using our ecu adapter with a Hasport OBD1 converted 88-91 harness, you will only need to connect the following wires, all other wires on the subharness will not be used. Make sure that you connect the Yellow, Orange, Red, and White wires from the Hasport harness to their respective spots on the factory ecu plugs (not the ecu adapter).

<u>Hasport harness</u>	<u>Locash Racing harness</u>	<u>Sensor/Item</u>
Green w/Yellow Stripe	Black	VTEC Solenoid
White w/Red Stripe	Grey	O2 Sensor Signal
Blue w/Black Stripe	Green	VTEC Oil Pressure
Blue w/Red Stripe	White	Knock Sensor
Orange w/Black Stripe	Brown	O2 Sensor Heater Control
Red w/White Stripe	Red	IAB (GSR and H22A Only)

O2 Sensor Wiring Information for various Honda Oxygen Sensors

<u>Ecu Adapter Color</u>	<u>O2 Sensor</u>	<i>or</i>	<u>O2 Sensor</u>	<i>or</i>	<u>O2 Sensor</u>
Grey	White		White		White
Brown	Orange/Black		Black (next to green)		Orange/White
Yellow	Yellow/Black		Black (next to white)		Yellow/Black
Purple	Green/White		Green		Green/White