

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

Product: OBD Conversion Harness
Model: OBD0 to OBD1 ECU
Part #: OBD0-1

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>
Purple	Vtec Solenoid Signal
Blue	O2 Sensor Heater Control
Green	Intake Air Bypass Signal (P72/P13 ECUs only)
White	O2 Sensor Signal
Orange	Knock Sensor Signal
Grey	Vtec Pressure Switch Signal
Red	Power -O2 Sensor
Yellow	Service Check Signal
Pink	Power- Intake Air Bypass
Black X3	Ground (3)- Service Check-Vtec Pressure Switch-O2 Sensor

Installation Notes:

IAB-	Used only with P72 or P13 ECUs
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.
Powers and Grounds-	These are suggested connections, other suitable locations may be used for powers and grounds.

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	Purple	VTEC Solenoid
White w/Red Stripe	White	O2 Sensor Signal
Blue w/Black Stripe	Gray	VTEC Oil Pressure
Blue w/Red Stripe	Orange	Knock Sensor
Orange w/Black Stripe	Blue	O2 Sensor Heater Control
Red w/White Stripe	Green	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>
White	White		White		White
Blue	Orange/Black		Black (next to green)		Orange/White
Red	Yellow/Black		Black (next to white)		Yellow/Black
Black	Green/White		Green		Green/White