

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

Product: OBD Conversion Harness
Model: OBD0 to OBD2 ECU
Part #: OBD0-2A or OBD0-2B

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> |
|------------------------|--|
| <u>9 Wire Pigtail</u> | |
| Black/White | Knock Sensor |
| Blue/White | Intake Air Bypass Power |
| Black/Green | Vtec Pressure Switch Control |
| Brown | Fuel Tank Pressure |
| Black/Orange | CKF-P |
| White/Yellow | CKF-M |
| White/Orange | Service Check Signal |
| White/Green | Second O2 Sensor Signal |
| Black(ground) | Service Check Ground |
| <u>12 Wire Pigtail</u> | |
| Purple | Vtec Solenoid Signal |
| Blue | EGR Solenoid Valve |
| Green | O2 Sensor Heater Control |
| White | Intake Air Bypass Signal (P72/P13 ECUs only) |
| Orange | Alternator Control |
| Grey | EVAP Bypass Solenoid Valve |
| Red(power) | O2 Sensor Power |
| Yellow | EVAP Control Canister Vent |
| Pink | Second O2 Sensor Heater Control |
| Black(ground) | Second O2 Sensor Ground |
| Black(ground) | Vtec Pressure Switch Ground |
| Black(ground) | O2 Sensor Ground |
| <u>4 Wire Pigtail</u> | |
| Red(power) | Second O2 Sensor Power |
| Black(ground) | IAB Ground(Used in Some OBD2a applications) |
| Black/ Yellow | O2 Sensor Signal |
| Blue/Red | EGRL |

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 vehicles components.

This product is designed for off road use only