

**Flyin' Miata**  
*We make Miatas fly!*



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### Four wire O2 Sensor Installation

Here are some tips to answer frequently asked questions about installation of our Bosch 4 wire O2 sensor in place of the stock unit on '94-'00 Miatas:

You must cut the four wires between the original O2 sensor and the plug, leaving yourself enough room to splice the new sensor wires. Do not try to solder the connections, the sensor uses stainless steel wire that is almost impossible to solder to. Use our crimp connectors, give them a good tug when done to make sure your connections are good. Heat shrink them when done.

#### NEW O2 WIRE COLORS

#### ORIGINAL HARNESS COLORS

Grey (signal ground)

White

White (heater)

Black

White (heater)

Black

Black (signal)

Blue

To install four wire O2 sensor on (90-93) cars, hook one white wire to the ground bolt under the master cylinder, other white wire goes to blue single connector on driver's fender behind headlight (where you normally hook timing light). Polarity does not matter here. Grey wire from new sensor is signal ground, goes to bolt at driver's side rear of head, where braided ground strap is hooked up. Cut wire from original O2 sensor and splice black wire from new sensor to it. While you're at it, clean both ends of the braided ground strap and re-crimp.