



Long Road Racing

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Global MX-5 Cup Car Technical Service Bulletin #7-20-16 O2 Connector Option

Purpose for this TSB:

1. This TSB allows use of the existing (Bosch) O2 connector, or a DT connector. There is no performance gain from using either connector, rather it is simply improved ease of use and easier diagnostics.

Installation:

1. Follow all safety standards and wear the appropriate safety gear
2. Ensure that the kill switch is OFF, and the car has cooled down completely
3. **NOTE** – DT Crimpers are required to install the DT pins. If you do not own or have access to DT crimpers you will **not** be able to install the DT connectors.
4. Locate (passenger side frame rail near the header) and separate the Black Bosch O2 connector.
5. Start with the O2 sensor side, and as close as reasonable, cut off the Bosch O2 connector, then cut off the chassis harness side, also as close as reasonable to the connector.
6. Important: The O2 wires will use the FEMALE DTM Sockets for a DTM06-6S connector, and the car side the MALE DTM pins for a DTM04-6P connector (see below)
7. Strip, crimp (using DTM Crimper only), assemble the wires and insert the pin lock per the chart below one side at a time.
8. Plug the DTM connectors together

CAR SIDE	BOSCH LSU ADV O2	PIN LOCATION (labeled on the wire side of the connectors)
Pink	White	3
White	Black	6
Red	Yellow	2
Black	Red	1
Green	Grey	4



Car Side DTM04-6P (pins)

O2 Side DTM06-6S (sockets)

If you have any questions about this Technical Bulletin, please contact Glenn Long at:

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