



YOSHIMURA

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PIM II DATA BOX KIT

R-433-DATA | Digital Advanced Tuning Assistant Kit w/ Stainless Steel Bung



Note: Read through all instructions before beginning installation.



THIS PRODUCT IS DESIGNED FOR USE IN CLOSED COURSE RACING AND IS NOT INTENDED FOR ANY OTHER USE.



Qualified Technician Installation Highly Recommended

NOTE: IN THE STATE OF CALIFORNIA, IT IS ILLEGAL TO MODIFY THE EMISSION CONTROL SYSTEM. WHICH INCLUDES THE FUEL INJECTION SYSTEM OF ANY VEHICLE.

Pre-Installation Checklist:

Check that these items are installed on the vehicle or have them ready to be installed onto the vehicle prior to installation of the DATA box. Please note that the DATA box should be used only for tuning purposes. Once tuning is complete, the DATA box should be removed as the sensor will deteriorate with age.

Items Required:

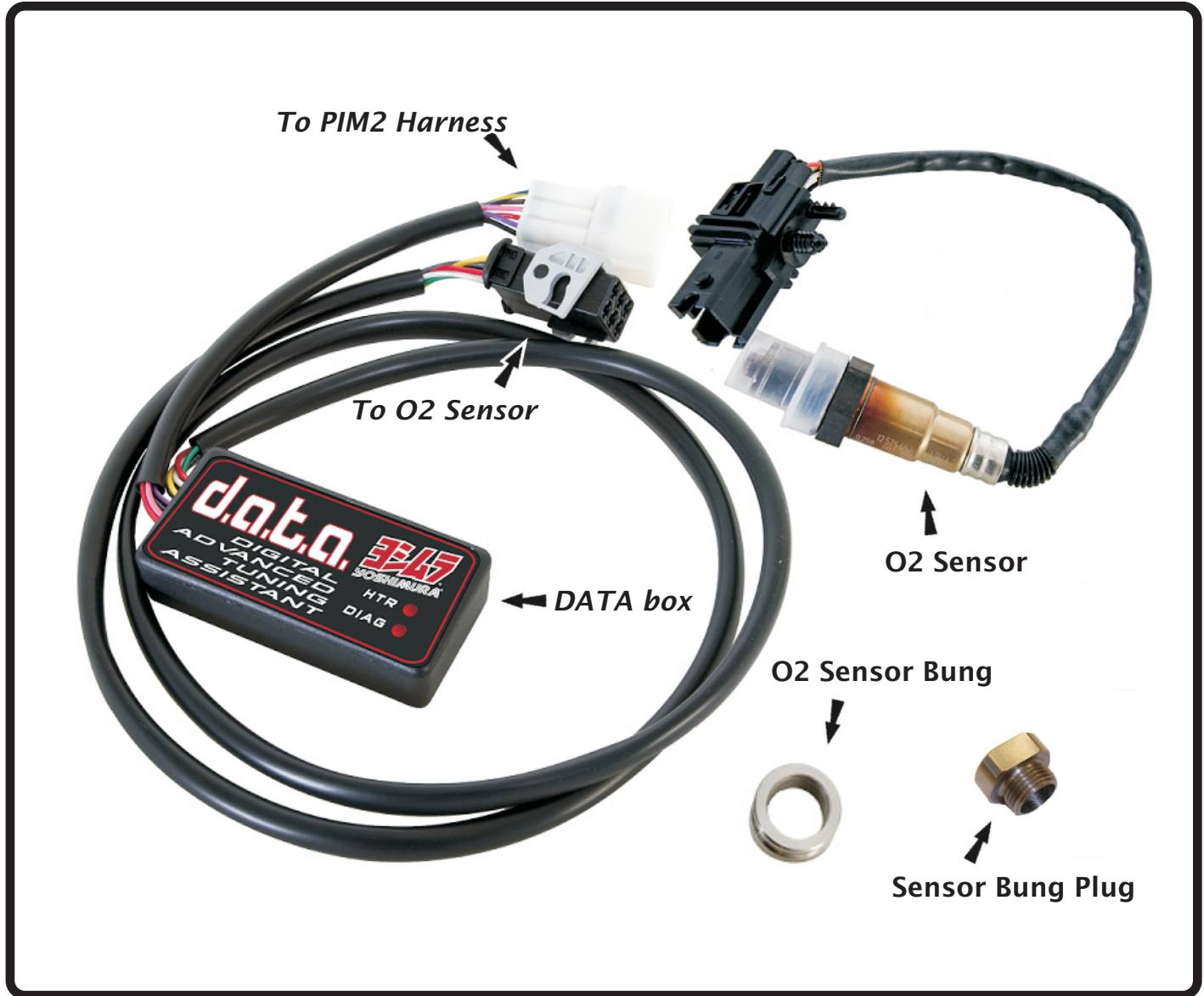
- Yoshimura R&D PIM2 Electronic Fuel Injection Tuning Unit
- Exhaust header with O2 Sensor Bung

NOTE: If your exhaust system does not already have an O2 sensor bung for the O2 sensor, a bung is included that will need to be welded onto the exhaust header. Have a qualified technician weld the O2 sensor bung at a location which does not cause any restriction or interference while vehicle is in operation. Make sure that the O2 sensor is mounted vertically with the sensor tip facing down. If this cannot be accomplished, mount the O2 sensor as vertically upright as reasonable, while making sure that the sensor clears any nearby items. The O2 sensor location should be between 8-12" from the exhaust port.

Installation Steps:

- 1 Make sure the motorcycle is off and cooled down before beginning installation of the DATA (Digital Advanced Tuning Assistant) box.
- 2 Remove any cover or panel that covers the PIM2 Unit and Harness.
- 3 Install supplied O2 Sensor onto header pipe.
Torque: 32 ft-lb (45 N-m)
- 4 Connect O2 sensor connector to black DATA box connector.
- 5 Connect white DATA box connector to PIM2 Harness Connector.
- 6 Make sure to route wires and cables away from exhaust heat source and any sharp corners or edges. The wires may vibrate and move frequently during operation. Any damage or exposed wires will cause for incorrect signals to be transmitted between the O2 sensor, DATA box, and PIM2.
- 7 Find a suitable location for the DATA box that will not be damaged by debris or elements.
- 8 Attach DATA box to location using included hook-and-loop adhesive.
- 9 Re-install any cover or panel that was removed for access.

NOTE: See software instructions for adjustment and tuning information.



Parts List:

DESCRIPTION	QTY	PART #
DATA Box	1	R-433-DATA-B
O2 Sensor Bung	1	M18X13SSB
O2 Sensor Bung Plug	1	M18X13PLG
O2 Sensor	1	R-433-02S
Cable Ties	6	ZT-300
Yoshimura USA sticker	1	17029
Hook-and-Loop Adhesive	1	5000-V
Instructions	1	INST KIT