



A Division of Thiessen Products, Inc.

## INSTRUCTION SHEET FOR No.755 TOOL

### SOFTAIL, DYNA AND V-ROD OXYGEN SENSOR WRENCH

This oxygen sensor wrench is specifically made to remove or install the front exhaust oxygen sensor on Softail models 2012 to present. Also used to remove the front and rear exhaust oxygen sensors on Dyna and V-Rod models 2012 to present.

#### TOOLS NEEDED TO USE THIS TOOL:

1. 3/8" extension drive
2. 3/8" ratchet wrench
3. 3/8" drive ft-lbs torque wrench
4. JIMS No.4507 high heat copper anti seize lubricant
5. H-D or equivalent service manual for the year and model your servicing.

**READ THE COMPLETE INSTRUCTIONS BEFORE USING THIS TOOL.**

#### REMOVING EXHAUST PIPE O2 SENSORS

1. After reading the complete instructions you must also refer to H-D service manual for details on each model on how to disconnect the sensor cable connector. They are located in different areas depending on the model.
2. Let motorcycle cool down if its been run recently before performing any service work in the exhaust pipe area.
3. After you have disconnected the sensor cable connector you are ready to remove the O2 sensor using the JIMS tool No. 755 from the inboard side of the exhaust pipe. See below for Dyna and Softail models.

#### INSTALLING REAR EXHAUST PIPE O2 SENSOR

1. If reusing the sensor always replace the sensor seal with a new one. Make sure larger side of new gasket faces exhaust and apply a light coat of JIMS No.4507 high heat copper anti seize lubricant or equivalent to the threads. Never use any other grease lubes or Loctite or any other chemicals on threads or element area. Also note that the sensors cannot be dropped or impacted by other components or damage to the sensing element will occur.
2. Install sensor into the threaded insert on the rear pipe and torque to 12-14 ft-lbs. using your JIMS socket tool No. 755 socket.
3. Connect your rear oxygen sensor cable connector and finish off reassembly details per H-D service manual model your servicing.



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