STRUCTION SHEET



-J05107 2010-01-20

CYLINDER HEAD TEMPERATURE SENSOR KIT

GENERAL

Kit Number

P1278.K

Models

For the most up-to-date model fitment information, see product label or www.buell.com (English only).

Additional Parts Required

A WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Buell dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00334a)

NOTE

This instruction sheet references service manual information. A service manual for your model motorcycle is required for this installation and is available from a Harley-Davidson Dealer.

Kit Contents

See Figure 2 and Table 1.

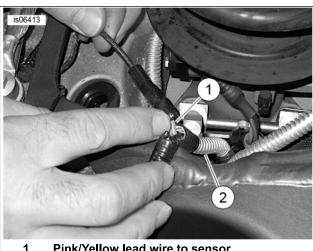
INSTALLATION

A WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative (-) cable first) before proceeding. (00307a)

- Refer to the service manual and follow the instructions given to remove the seat and disconnect the battery cables, negative cable first. Retain all seat mounting hardware.
- Remove the intake cover and air filter element.
- Refer to the service manual to remove the OEM cylinder head temperature sensor.

4. Install the new cylinder head temperature sensor.



Pink/Yellow lead wire to sensor

2. Conduit

Figure 1. Install New Temperature Sensor Connector

- 5. See Figure 1. Cut the OEM sensor connector from the pink/yellow wire (1). Trim off enough of the conduit (2) so you can install the new Delphi[®] connector.
- Assemble the Delphi connector to the pink/yellow wire as directed in the service manual and make the connection to the temperature sensor.
- Install the intake cover and air filter element.
- Install the negative battery cable first and then the positive cable.

▲ WARNING

After installing seat, pull upward on seat to be sure it is locked in position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070b)

9. Install the seat.

SERVICE PARTS

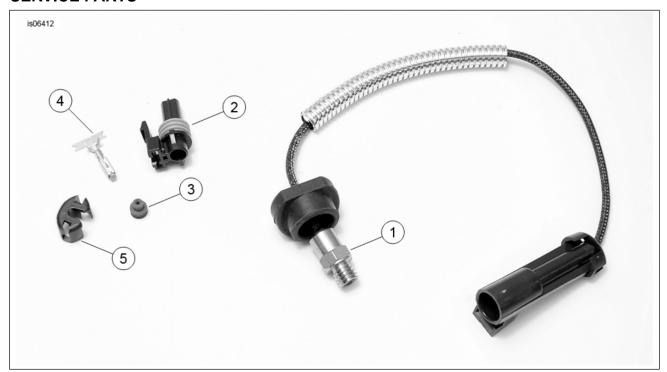


Figure 2. Service Parts: Cylinder Head Temperature Sensor

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
1	Head temperature sensor (sold separately from harness assembly)	P0278.4A8A
2	Connector	Y0216.4A8
3	Wire seal	Y0195.4A8
4	Terminal (18 & 16 gauge)	Y0217.4A8
5	Lock	Y0218.4A8