



INSTRUCTIONS

-J04460

2011-11-30

HIGH FLOW PERFORMANCE INJECTOR KIT

GENERAL

Kit Number

27797-07, 27400002

Models

For model fitment information, see the Screamin' Eagle® Pro Racing Parts catalog.

This kit will only fit on Twin Cam models if they are equipped with the following Screamin' Eagle accessories:

- Kit 27639-07A, 58 mm throttle body, cable drive, with Kit 29667-07, 58 mm intake manifold.
- Kit 27300019, 62 mm throttle body, cable drive, with Kit 27082-10, 62 mm oval port intake manifold.

▲ 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 Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

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

Table 1. Kit Contents

Description (Quantity)	Part Number
Fuel injector assembly, 4.9 g/s flow rate (2)	27654-06
Fuel injector assembly, 6.2 g/s flow rate (2)	27400004

INSTALLATION

▲ WARNING

When servicing the fuel system, do not smoke or allow open flame or sparks in the vicinity. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. (00330a)

1. Refer to the owner's manual to locate and remove the main fuse.
2. Refer to the service manual for your motorcycle for fuel injector replacement. Refer to Section 9, FUEL INJECTION, Fuel Rail/Fuel Injectors of the applicable service manual for instructions.

Calibrate the ECM

NOTICE

You must recalibrate the ECM when installing this kit. Failure to properly recalibrate the ECM can result in severe engine damage. (00399b)

NOTE

Calibrations are available with the EFI Super Tuner only.

Installation of this kit requires a calibration update using EFI Super Tuner. If cylinder heads are equipped with ACR's, failure to download calibration update before starting motorcycle can result in ACR failure.

1. Before calibrating the ECM, if cylinder heads are equipped with ACR's, disconnect the ACR harnesses.
2. Refer to the owner's manual to install the main fuse.
3. Have the dealer recalibrate the ECM prior to starting the vehicle.
4. Reconnect the ACR overlay harnesses.

