

Calibration Information

Technical Service is receiving a very high call volume around calibrations and the 25° injectors for 2006 EFI Big Twin Models. Most of the motorcycles we receive calls on are **NOT** configured correctly. In order to properly diagnose runability concerns or issues the calibration **MUST** match the components on the motorcycle. Please use the information below to determine if it is configured correctly before you call Technical Service.

Check the following:

- Fuel has the recommended octane rating and is not contaminated.
- IAC operation.
- Spark plug condition.
- Engine is configured correctly (with the appropriate air cleaner and exhaust).
- Vehicle configuration is supported by the correct calibration. Refer to Calibration Information on h-dnet.com.

Does the vehicle pass inspection?

1. All calibrations in Digital Technician are “**Street Legal**” and require the use of the stock air cleaner or a Screamin’ Eagle Air Cleaner and **stock mufflers** or with the correct application of street legal mufflers listed in the Genuine Motor Accessories and Genuine Motor Parts P&A Big Book (p/n 99557-06V or 99557-06VN). The only exceptions are the Screamin’ Eagle Street Legal Big Bore Stage II and Screamin’ Eagle 103 Cubic Inch Stage I Kits that come with the replacement street legal catalyst mufflers, which must be used.

Note:

Stock mufflers are defined as the mufflers that were on the motorcycle when it arrived at the dealership in the crate.

2. If you find that a Screamin’ Eagle Air Cleaner and Screamin’ Eagle performance mufflers have been installed you will need to use the appropriate “**Race**” calibration which comes in cartridge form.
3. If **any** part is changed from the configuration listed for that calibration you will need to use the EFI Race Tuner or Fueler Kits (depending on configuration) and it will not be “Street Legal”. This applies to all EFI calibrations.
4. **None** of the Screamin’ Eagle calibrations are designed to support aftermarket engine components, mufflers or exhaust systems! An EFI Race Tuner or Fueler **will** be required in this case.

5. **Race configured motorcycles already equipped with a Screamin' Eagle EFI Race Tuner do not require an injector change. These vehicles should be tunable with either injector.**

The latest information on calibration applications and the appropriate vehicle configuration information are also categorized in our on-line calibration matrices.

Refer to the **Calibration Information** link at left side of the main Service page on h-dnet.com.

The **Calibration Information** link has been revised to support updated calibration information and new functionality. Once you open the link you'll notice a new look and feel designed to simplify and streamline your search for calibration information. Should you need further information, just click on the Document Help button at the top of the Calibration Look-Up page for a brief HELP description of common tasks. If you or your dealership Service or Parts personnel can no longer access the Calibration Information link, then your dealership's h-dnet Security Manger will need to grant them access.