



# INSTRUCTIONS

-J03068

REV. 7-25-03

Kit Numbers 31758-04, 31759-04, 31787-04 and 31792-04

## SCREAMIN' EAGLE PERFORMANCE IGNITION SYSTEM

### General

This ignition system is designed for replacement of the original equipment ignition module on the following 2004 and later **carbureted** models with mild performance enhancements:

#### Kit Fitment:

Part Number	Fitment	RPM limit
31758-04	04 XL 883 Models	7000
31759-04	04 XL 1200 Models	7000
31787-04	04 Dyna Models	6200
31792-04	04 Softail and Touring Models	6200

#### CAUTION

Do not install these ignition components on any model other than those specified above. Doing so may result in adverse engine operation and/or damage to vehicle electrical and engine components.

#### CAUTION

This Screamin' Eagle ignition system is intended for high-performance applications only. This engine-related performance part is not legal for use on pollution-controlled motor vehicles. Use of this Screamin' Eagle ignition system may reduce or void the Limited Warranty coverage.

This kit is designed for use on engines with **stock compression**, but equipped with other minor modifications such as high-performance cams, intake and exhaust systems.

#### CAUTION

This Screamin' Eagle ignition system allows the engine to reach higher than original equipment rev. limit. It is extremely important that the rider use the tachometer and avoid harmful over-revving and possible engine damage. Engine-Related Performance Parts are intended for the experienced rider only.

#### NOTE

Faulty ignition module operation may result from wiring harness problems. If this Screamin' Eagle ignition system malfunctions, inspect the motorcycle's wiring harness to determine if it is faulty. If the existing wiring harness is faulty, repair or replace it before installing the new ignition module.

### Installation

#### NOTE

A Service Manual for your motorcycle is available from any Harley-Davidson Dealer.

#### WARNING

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

#### WARNING

Disconnect negative (-) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00049a)

1. Remove the seat.
2. Disconnect battery cables, negative cable first.
3. Locate and access the existing ignition module.

#### Models

#### Ignition Module Location

Dyna Glide	On back side of electrical panel (left side of motorcycle)
FLHT/FLT carbureted	Behind right side cover
Softail	Under Seat
Sportster	Under Seat

4. Unplug ignition module. Remove module and save mounting fasteners.
5. Plug in new module and secure module in place with original mounting fasteners.

#### WARNING

Connect positive (+) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00068a)

6. Reconnect battery cables, positive cable first.
7. Install the seat.

#### WARNING

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

#### NOTE

After replacement of the ICM, a mating procedure to the TSM/TSSM is utilized, employing Password Learning. Refer to the HD Factory Security System Section of your Owner's Manual for your appropriate model motorcycle.