



SCREAMIN' EAGLE TWIN CAM STROKER FLYWHEEL KIT

J02466

2009-09-18

GENERAL

Kit Numbers

23600-00, 23601-05, 23703-02, 23727-07A, 23728-07A, 23729-07B.

Models

Kits 23600-00 and 23728-07A fit 1999-2005 Dyna models and 1999-2006 Touring models.

Kits 23601-05 and 23729-07 fit 2006 Dyna models.

NOTE

Kit 23729-07 is standard equipment on 2007 and later Dyna and Touring models.

Kits 23703-02 and 23727-07A fit 2000-2006 Softail® models.

Kit Contents

Table 1. Kit Contents

DESCRIPTION (QUANTITY)	PART NUMBER
Flywheel assembly (1)	Not Sold Separately

Additional Parts Required

NOTE

On 2003 and later vehicles, Bearing Assembly Part Number 24004-03 must be used on the primary side of flywheel. Follow instructions included with bearing assembly.

Table 2. Additional Parts Required

DESCRIPTION (QUANTITY)	PART NUMBER
Kit, stroker pistons (1)	See Catalog
Kit, HTCC stroker pistons (1)	See Catalog
Kit, gasket, engine overhaul (1)	17053-99B
Kit, gasket, 1550 head (2)	16787-99A or 16101-01

DESCRIPTION (QUANTITY)	PART NUMBER
Kit, big bore cylinder, S.E. (1)	See Catalog
Kit, bigger bore cylinder, S.E. (1)	See Catalog

Table 3. Additional Parts Recommended

DESCRIPTION	PART NUMBER
Cam, performance, S.E.	See Catalog
Cylinder heads, S.E.	See Catalog
Cylinder heads, HTCC, S.E.	See Catalog
Cylinder heads, ported, HTCC, S.E.	See Catalog
Ignition, race or performance, S.E.	See Catalog
Carburetor, performance, S.E.	See Catalog
System, exhaust, S.E.	See Catalog
Air cleaner, high flow, S.E.	29440-99C
Kit, stud, cylinder, high tensile, S.E.	16505-01
Kit, pushrod, S.E.	See Catalog
Springs, race valve, S.E.	18344-05

WARNING

Rider and passenger safety depend 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. (00333b)

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.

NOTE

Harley-Davidson motorcycles equipped with some Screamin' Eagle® high-performance parts may not be used on public roads and in some cases must be restricted to closed course competition. This engine related performance part is intended for racing applications and is not legal for sale or use in California on pollution controlled motor vehicles.

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)

INSTALLATION

⚠ WARNING

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

⚠ 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. Disconnect the battery, negative cable first.
2. Follow instructions in applicable service manual and remove engine from chassis.
3. Follow instructions in applicable service manual and disassemble engine top end.
4. Follow instructions in applicable service manual and disassemble engine bottom end.
5. Follow instructions in applicable service manual and disassemble crankcase.
6. Follow instructions in applicable service manual and remove crankshaft.
7. Obtain crankshaft from kit. Follow instructions in service manual and install new crankshaft.
8. Follow instructions in applicable service manual and assemble engine and install in chassis.