



INSTRUCTIONS

J01573

2006-05-05



"FLYING WHEEL" DERBY COVER

GENERAL

Kit Number

25770-99

Models

This kit fits 1999 and later Evolution 1340 and Twin Cam equipped models.

Additional Parts Required

Installation on 2006 and later Dyna, 2007 Softail, and 2007 Touring models requires separate purchase of Gasket, Part Number 25416-99C.

NOTE

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

Kit Contents

See Figure 2 and Table 1.

INSTALLATION

For models equipped with left side exhaust pipe:

▲ WARNING

Perform this installation when the engine is cool. Working on or near the exhaust system when the engine is hot could result in severe burns. (00311b)

NOTE

Remove clutch inspection (derby) cover with motorcycle upright, not on side stand. If cover is removed with motorcycle on side stand, primary fluid will leak out of primary chaincase.

1. On models so equipped, remove the **left-side** passenger footboard. Using a T27 TORX® drive head, remove the five screws with captive washers. Discard the derby cover and fasteners.

NOTE

The gasket between the clutch inspection cover and the chaincase cover must be removed and all oil must be wiped from the gasket and groove in chaincase cover each time the cover is removed.

2. Remove the gasket from the groove in the chaincase cover and mounting surface.
3. Inspect gasket for tears or damage. Replace as required.

NOTE

If installing the Derby cover on 2006 and later Dyna, 2007 Softail, and 2007 Touring model, the original equipment gasket **must** be discarded and replaced with Derby Cover Gasket 25416-99C (sold separately).

4. To avoid punching holes in the clutch inspection cover gasket or enlarging the existing holes, install the new derby cover and gasket as follows:
 - a. Align the triangular shaped hole in the gasket with the top hole in the derby cover. Be sure the rubber molding and the words "towards clutch" face the motorcycle.
 - b. See Figure 2. Place a washer (3) from the kit onto the threads of one of the **new** screws (2). Insert the screw threads through the top hole in the derby cover, and carefully thread it all the way through the triangular shaped hole in the gasket. Do not push the screw through the hole.
 - c. Hang the derby cover on the primary chaincase cover flange by starting the top cover screw.
 - d. Start the remaining four screws and washers.
5. Install derby cover (1) and gasket on primary chaincase cover using screws and washers from the kit. Tighten screws to 10–12 N·m (84–108 in-lbs) in the sequence shown in Figure 1.

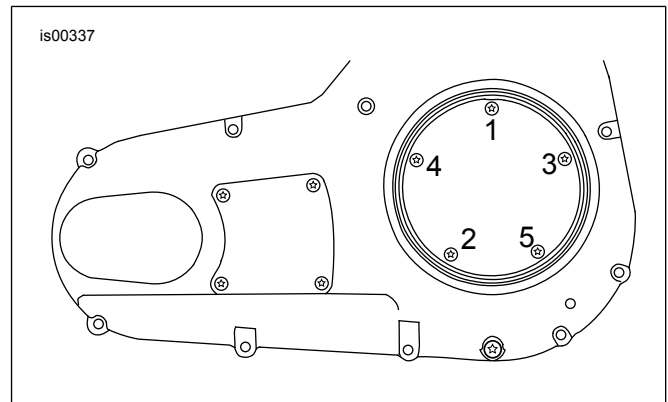


Figure 1. Torque Sequence, Clutch Inspection Cover

CLEANING AND POLISHING

NOTICE

When polishing, use a clean, non-abrasive cloth and a non-abrasive polish or wax. Harley-Davidson recommends using Harley Glaze® Polish and Sealant. Abrasive polish or wax can dull or scratch the finish. (00352a)

SERVICE PARTS

is00596

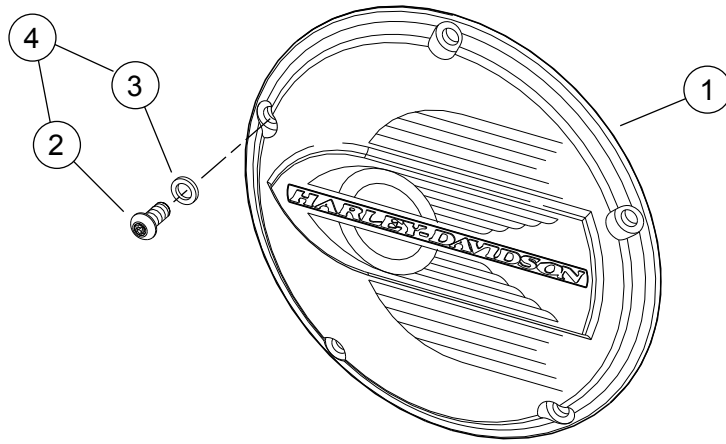


Figure 2. "Flying Wheel" Derby Cover

Table 1. Service Parts: "Flying Wheel" Derby Cover

Item	Description (Quantity)	Part Number
1	Derby cover, Flying Wheel	Not Sold Separately
2	Screw, button head (5)	94633-99
3	Washer, stainless steel (5)	Not Sold Separately
4	Hardware Kit, Derby Cover (includes items 2 and 3)	25913-99