



INSTRUCTIONS

J00465

2018-10-22



REGULATOR ASSEMBLY

GENERAL

Kit Number

74519-88B (black) and 74537-93A (chrome)

Models

These kits fit all 1989 and later 1340cc vehicles or those equipped with a high output alternator (29985-87), but will not fit 1996 FLHR/I, FLHTCU/I, FLHTC/I, and 1997-1998 Touring models.

Additional Parts Required

⚠ 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.

Kit Contents

Table 1. Kit Contents

Description (Quantity)	Part Number
Regulator	Not Sold Separately
Ring terminal	9866
Cable strap (6) (74537-93A only)	10006

INSTALLATION

⚠ WARNING

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

1. Refer to the applicable Service Manual for instructions to remove the regulator.
2. If the regulator output lead **was connected** to the "AUX" (silver colored) terminal, measure the length of the regulator output lead and cut the output lead on the replacement regulator to the same length.
3. If the regulator output lead **was not connected** to the "AUX" (silver colored) terminal, route regulator output lead to "AUX" terminal, and cut output lead to correct length for making the connection at the "AUX" terminal.

4. Terminate output lead on replacement regulator with ring terminal from kit.
5. Install the replacement regulator following procedure in applicable Service Manual. Connect the ring terminal to the circuit breaker "AUX" (silver colored) terminal.
6. Using an Ohmmeter, verify the ground of the regulator to the vehicle's chassis.

NOTE

The output lead of this regulator must be connected to the "AUX", silver colored terminal on the Main (30 amp) circuit breaker. The original regulator may have been connected to the "BAT", copper colored terminal; to provide protection from reversed battery leads, this regulator must be connected to the "AUX" terminal.

NOTE

Some regulators may be equipped with a ground wire attached to the bottom of the regulator case. If ground wire is present, remove it and install it on the new regulator.

7. Start motorcycle using a Voltmeter at the battery, then verify the charging voltage is correct as specified in the appropriate Service Manual.

