



INSTRUCTIONS

94100243

2023-09-13



SCREAMIN' EAGLE QUICKSHIFTER - PAN AMERICA MODELS

GENERAL INFORMATION

Table 1. General Information

Kits	Suggested Tools	Skill Level ⁽¹⁾
32700151	Safety Glasses, Torque Wrench	
<i>(1) DTII and dealer installation required</i>		

KIT CONTENTS

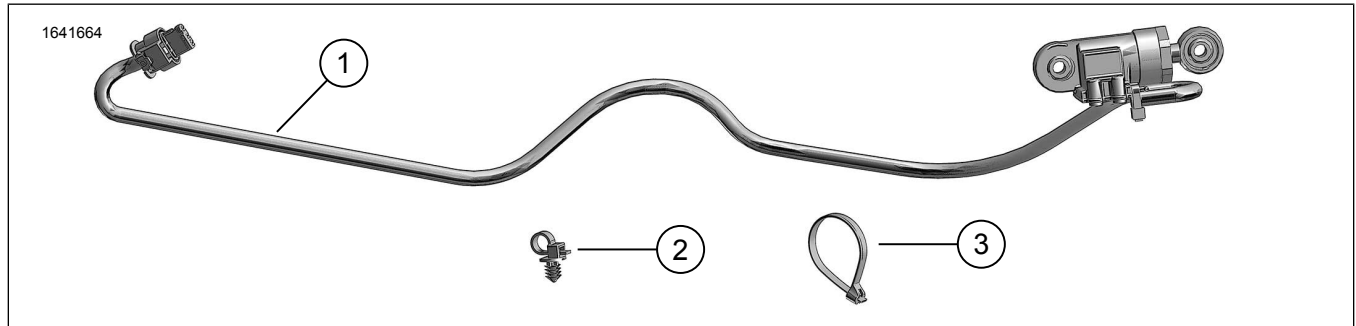


Figure 1. Kit Contents: Screamin' Eagle Quickshifter

Table 2. Kit Contents: Screamin' Eagle Quickshifter Kit

Verify that all contents are present in the kit before installing or removing items from vehicle.					
<input checked="" type="checkbox"/>	Item	Qty	Description	Part No.	Notes
<input type="checkbox"/>	1	1	Sensor	32700148	
<input type="checkbox"/>	2	1	Cable strap	10177	
<input type="checkbox"/>	3	1	Cable strap	10006	

GENERAL

Models

For model fitment information, see the Parts and Accessories (P&A) Retail Catalog or the Parts and Accessories section of www.harley-davidson.com.

Verify that the most current version of the instruction sheet is used. It is available at: h-d.com/isheets

Contact Harley-Davidson Customer Support Center at 1-800-258-2464 (U.S. only) or 1-414-343-4056.

Installation Requirements

DIGITAL TECHNICIAN II (PART NUMBER: HD-48650)

⚠ 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 the year and model motorcycle is required for this installation and is available from:

- A Harley-Davidson dealer.
- H-D Service Information Portal, a subscription-based access available for most 2001 and newer models. For more information see *Frequently ask questions about subscriptions*.

PREPARE

1. Remove main fuse.

REMOVE

1. Remove skid plate. See service manual.
2. See Figure 2. Remove front shifter linkage screw (7).
3. See Figure 2. Remove shifter lever pivot screw (5), washer (4) and nut (3).
4. See Figure 2. Remove shifter lever (1) and shifter linkage (6) from frame boss.
5. See Figure 2. Remove Screw (2) from shifter linkage (6) from shifter lever (1).

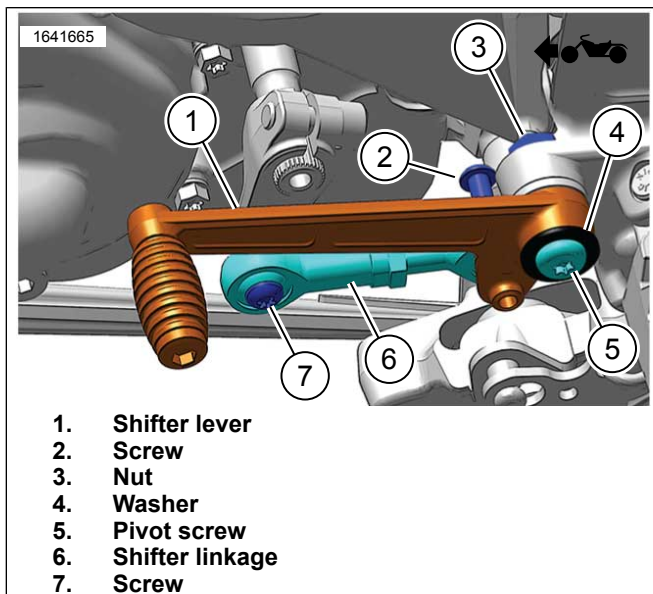


Figure 2. Shifter Lever / Shifter Linkage Removal

INSTALL

1. See Figure 3. Assemble quick shifter sensor (1) to shifter lever (3) with screw (2). Tighten.
Torque: 10.5–12 N·m (93–106 in-lbs)

2. **NOTE**

If transmission shift shaft lever is off ONE SPLINE in either direction from the six o'clock position, it is in the incorrect location.

See Figure 4. Make sure transmission shift shaft lever is oriented at the six o'clock position (1).

- a. See Figure 5.

Deviation from this position, either forward or backward, may adversely affect operation of the quick shifter.

- b. If the shift shaft lever is not at the six o'clock position, see service manual to correctly orientate the transmission shift shaft lever.

3. **NOTE**

Preferred orientation of quick shifter sensor is shown. Make sure wire harness is routed properly to avoid excessive loops.

See Figure 6. Assemble shifter lever (1) and quick shifter (6) to frame boss with screw (3), washer (4) and nut (5). Tighten.

Torque: 24.5–30 N·m (18–22 ft-lbs)

4. Install screw (7) to front of quick shifter (6) to transmission shift arm (2). Tighten.

Torque: 10.5–12 N·m (93–106 in-lbs)

5. Connect quick shifter sensor to engine harness.

6. **Vehicles with side stand switch harness.**

- a. Remove cable strap from side stand switch harness.
- b. See Figure 7. Connect quick shifter harness and side stand harness with cable strap (3) loosely.
- c. Connect quick shifter harness and side stand frame mount with cable strap (2) loosely.
- d. Ensure routing of quick shifter harness clears skid plate, side stand and oil filter.
- e. Ensure up/down shifts are completing the full range of motion and not pulling on harness.

NOTE

Check for contact between shifter lever and quick shifter sensor body.

- f. Tighten both cable straps (2,3).

7. **Vehicles without side stand switch harness.**

- a. See Figure 7. Connect quick shifter harness side stand bracket with cable strap (3) loosely.
- b. Connect quick shifter harness and side stand frame mount with cable strap (2) loosely.
- c. Ensure routing of quick shifter harness clears skid plate, side stand and oil filter.
- d. Ensure up/down shifts are completing the full range of motion and not pulling on harness.

NOTE

Check for contact between shifter lever and quick shifter sensor body.

- e. Tighten both cable straps (2,3).

8. Install skid plate. See service manual.

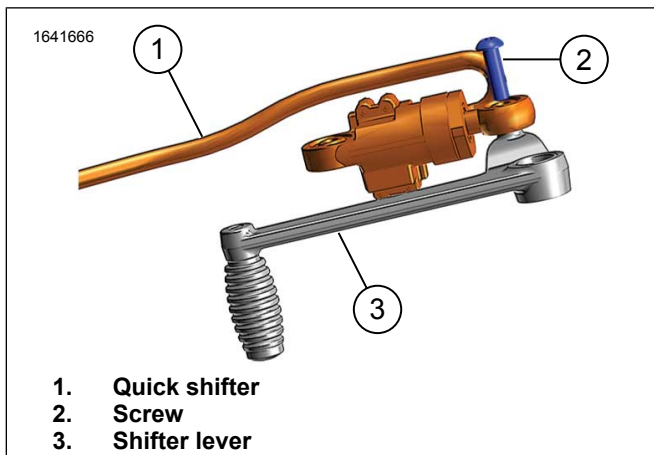


Figure 3. Install Quick Shifter to Shifter lever

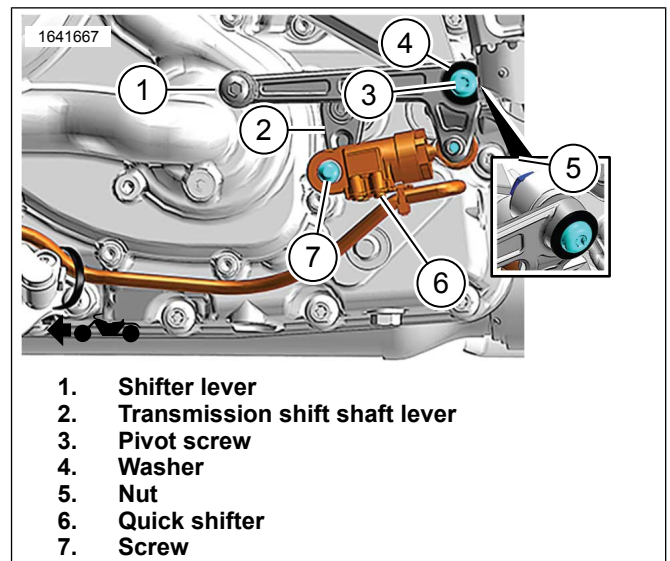


Figure 6. Quickshifter Install

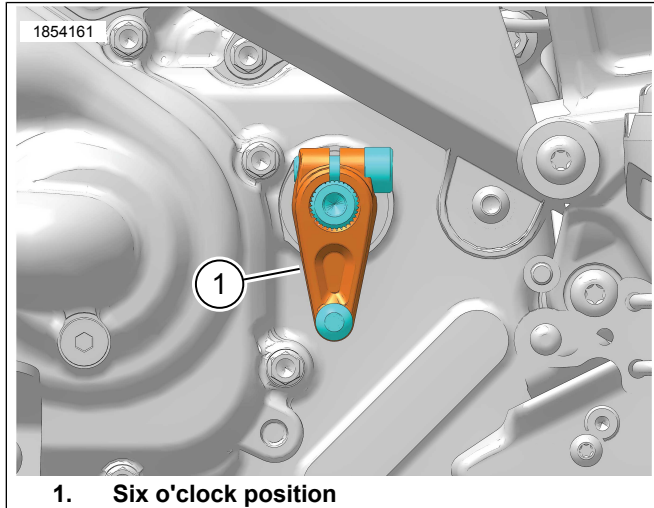


Figure 4. Correct Transmission Shift Shaft Lever Position

NOTE

If transmission shift shaft lever is off ONE SPLINE in either direction from the six o'clock position, it is in the incorrect location.

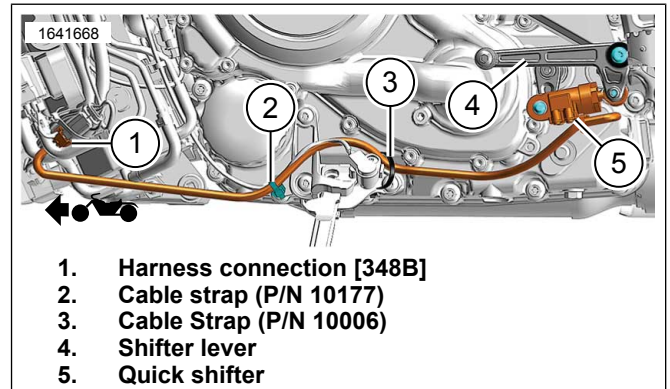


Figure 7. Quickshifter

COMPLETE

1. Install main fuse.

COMPLETE

Have a Harley-Davidson dealer update software using DIGITAL TECHNICIAN II (PART NUMBER: HD-48650) to enable quick shifter functionality.

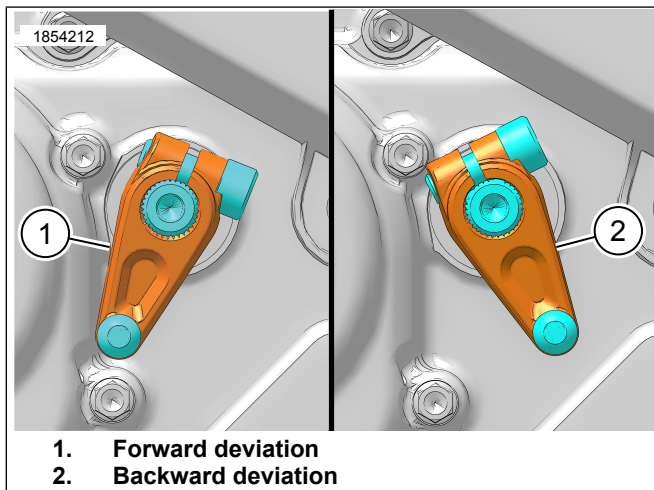


Figure 5. Incorrect Transmission Shift Shaft Lever Positions