



# INSTRUCTIONS

-J01419

REV. 3-31-03

Kit Number 42964-01A

## CUSTOM BRAKE LEVER KIT FOR VRSCA

### General

This kit is designed to fit 2002 and later VRSCA Model Motorcycles.

This kit consists of the following.

Qty	Description	Part Number
1	Pin, cotter	515
1	Nut, lock jam	7671
1	Pad, brake pedal	50240-01
1	Assembly, brake pedal	not sold
2	Bushing	42569-03

#### NOTE

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

### Installation

#### NOTE

When removing footpeg mounting screws, use a 10 inch or longer extension to keep wrench from damaging frame powder coat finish and lower radiator cosmetics.

1. See Figure 1. On right side of motorcycle, remove screw securing footpeg mount to frame. Save screw for re-installation.
2. While supporting brake pedal assembly, pull footpeg through brake pedal and remove footpeg.

#### NOTE

See Figure 2. When performing the following step, it is much easier to remove cotter pin if you rotate brake lever back 90 degrees. This will provide much better access to cotter pin and clevis pin.

3. Remove cotter pin securing clevis pin in brake lever and master cylinder pushrod. Discard cotter pin.
4. Remove clevis pin. It may be necessary to gently tap on pin to remove. Inspect clevis pin and replace if worn or damaged.
5. Obtain new Brake Lever assembly and Cotter Pin (Part Number 515) from kit.
6. Orient brake lever as shown in Figure 2. and install clevis pin through brake lever and master cylinder pushrod. Tap clevis gently and make sure it installs so head is butted against brake lever. Install new cotter pin. Rotate brake lever 90 degrees back to riding position.

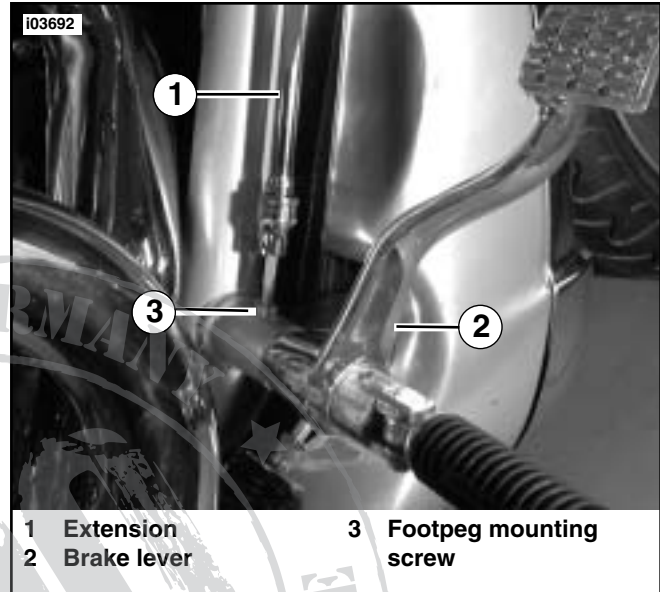


Figure 1. Remove Footpeg Mounting Screw

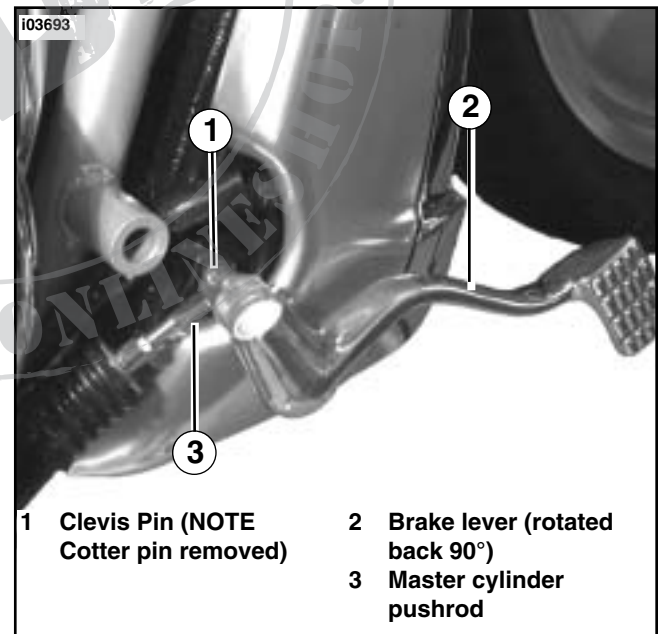


Figure 2. Remove Cotter Pin and Clevis Pin

**⚠ WARNING**

Footpegs must fold upward and rearward. This will allow footpeg to fold, if by accident, it strikes ground surface when making a sharp turn. Failure to set footpeg to the proper fold-up angle could result in death or serious injury.

7. See Figure 3. Slide footpeg through opening in brake lever and frame. Make sure footpeg is oriented so it will fold upward and rearward.
8. Obtain footpeg mounting screw removed in Step 1 and apply a few drops of LOCTITE® 271 to threads. Install screw and tighten to 14 Nm (10 ft-lbs).

**⚠ WARNING**

Whenever the motorcycle brake system is serviced, always test it on dry, clean pavement at slow speed before putting the vehicle into regular service. Failure to follow adequate safety procedures could result in death or serious injury.

9. Test ride and check rear brake for proper operation.

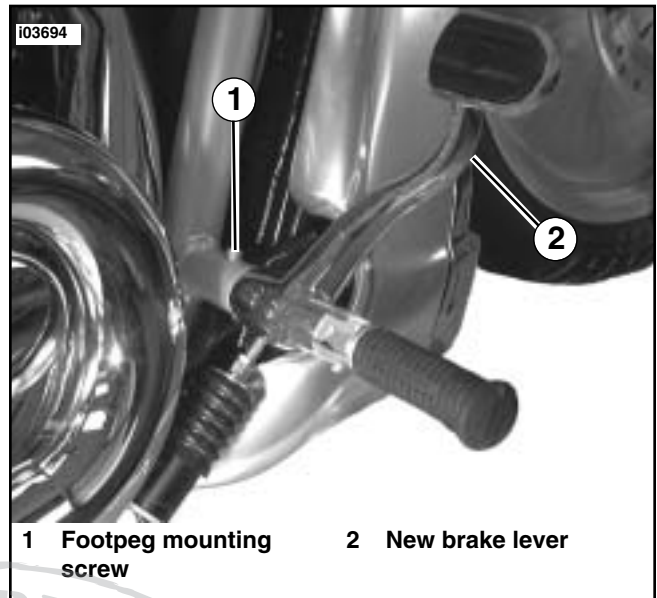


Figure 3. Install New Brake Lever

