

**V-Twin Mfg.**  
**Chrome Forward Control Kit with Soft Pegs**  
**Fits 2006-UP XL Models**  
**VT No. 22-0900**

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

**Installation Instructions:**

1. Remove the stock shift lever, brake pedal and footrest assembly as per the instructions listed in the service manual.
2. On the lower front of the right frame down tube, remove the two screws securing the J-clip to the frame. Discard the screws but save J-clip for installation.
3. Install the other end of the brake rod into the brake pedal assembly. Tighten to 84-144 in-lbs.

**Note:** Assemble the brake pedal and footpeg clevis onto the footrest support bracket prior to mounting the support bracket to the frame. This will allow easier installation of the footrest mount clevis retaining ring.

4. Slide the brake pedal onto footrest mount clevis then slide clevis into footrest/brake pedal support bracket. Align hole in the clevis with hole in the support bracket and install 5/16-18 x 1-1/4" screw. Tighten the screw to 18-22 ft-lbs.
5. Install the footrest mount clevis retaining ring to the groove at the end of the footpeg clevis.
6. Position the J-clip from removed in step 2 against the frame aligning the mounting holes. Mount the footrest/brake pedal support bracket and J-clip to frame using the 3/8-16 x 1-1/4" screws. Tighten the bracket to 45-50 ft-lbs.
7. Obtain the brake rod from kit and thread one end into the master cylinder bell crank. Tighten to 120-180 in-lbs.
8. Install footpeg on clevis with spring washer. Make sure spring washer is positioned inside clevis with the square edge toward the inside. Align holes and push clevis pin from top down through hole in clevis. Secure clevis pin using the new retaining ring.

**Install Forward Control Shift Lever Assembly**

1. Install shift link arm pointing it straight down and slide onto the shifter shaft. Install 5/16-18 x 1-1/4" screw and tighten to 8-13 ft-lbs.
2. Mount footrest/shift pedal support bracket to frame using 3/8-16 x 1-1/4" screws. Tighten to 45-50 ft-lbs.
3. Slide shift pedal onto clevis and mount clevis onto the footrest/shift pedal support bracket. Align the hole in the clevis with hole in support bracket and secure using 5/16-18 x 1-1/4" screw. Tighten screw to 18-22 ft-lbs.
4. Install retaining ring to the relief at the end of the clevis to further secure it in place.
5. Install 5/16-18 x 7/8" screw in far end of the shift rod and into shifter arm. Tighten to 120-180 in-lbs.
6. Install 5/16-18 x 7/8" screw in opposite end of shift rod into shift lever. Tighten to 120-180 in-lbs.
7. Install shifter peg into new shift lever. Tighten securely.
8. Install footpeg on clevis with spring washer. Make sure spring washer is positioned inside clevis with the square edge toward the inside. Align holes and push clevis pin from top down through hole in clevis. Secure clevis pin using the new retaining ring.

**Adjusting Shift Lever** - If the gears do not engage fully or the toe shifter travel is incorrect, the shift linkage must be adjusted. Adjust the shift rod until the shift pedal is at 45 degrees as described.

1. Remove screw securing the ball joint to shift pedal.
2. Turn ball joint or the shift rod to adjust the rod length. Attach ball joint to shift pedal and check pedal angle. Make sure an equal number of threads are visible on both ends of shift rod.
3. When pedal angle is at 45 degrees, install screw and tighten to 120-180 in-lbs.
4. Holding shift rod so that it does not turn, tighten locknuts on each end securely.

