

**V-Twin Mfg.**  
**FORWARD CONTROL KIT**  
**1991- Up FXD & FXWG**  
**VT Part No. 22-0527**

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.

**CAUTION:** Be sure to use thread lock on all hardware.

**Installation Instructions:**

**Left side:**

1. Using your OEM service manual, remove the Left side side foot peg and frame bracket.
2. Remove the OEM shift rod. On bikes with mid controls a new shift rod (sold separately) is required.
3. On bikes with mid controls, a mid shift lever retainer and shaft cover (sold separately) is required (see notes below).
4. Using two 3/8-16x3/4 bolts, provided with the kit, install the left bracket as shown. Torque hardware to OEM specification. See figure 1.
5. Install and adjust the new shift rod.
6. Install and torque the left (Long) foot peg and shifter peg using the supplied hardware. See Figure 2.
7. Insure all hardware is properly torqued.
8. Check for proper movement of shift linkage prior to test ride.

**NOTES:** Mid shift retainers 1991 -2005 VT No.21-0766, 2006 -up VT No. 21-0768. Shaft cover VT No.44-0047/ 37-8872

**Right side:**

1. Using your OEM service manual, remove the brake line, master cylinder, brake pedal and bracket, or pegs if equipped.

**NOTE:** Take care not to get any contamination into the brake line.

2. Remove the master cylinder plunger from the right side forward control kit to ease installation.
3. Using two 3/8-16x1 bolts, provided with the kit, install the right forward control assembly as shown. See figure 3. Torque hardware to OEM specification.

**NOTE:** Depending on model and year motorcycle, you will need to determine if the OEM brake line can be used. Some bending of the brake line or brake line replacement will be required. (Use a tubing bender to avoid damage to the brake line). The master cylinder in the kit will accept a standard 10mm banjo bolt.

4. Install the master cylinder plunger.
5. Install the brake line.
6. Install and torque the right (short ) foot peg and brake peg using the proper hardware. See figure 4.
7. Bleed the brake system using the instructions provided in the service manual.
8. Insure all hardware is properly torqued.
9. Check for proper brake operation prior to test ride.

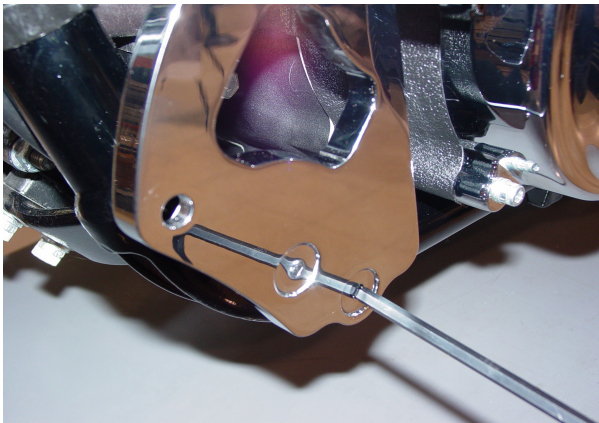


Figure 1

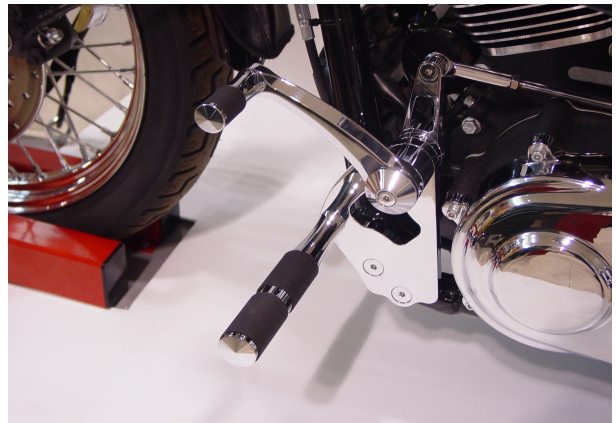


Figure 2



Figure 3



Figure 4