

V-Twin Mfg.
Chrome Turn Signal Mount Kit
VT Part No. 31-0687

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.

This kit fits all XL, FXD and ST models equipped with Bullet Style front turn signals. It is not compatible with a Hydraulic Clutch.

Installation Instructions:

1. Using 5/8" and 1/2" wrenches, hold the right side ball stud clamp (4) and loosen the jam nut (2).
2. Hold the retainer (5) with the 5/8" wrench, and unscrew and discard the ball stud clamp.
3. Unscrew the ball stud (3) and jam nut from the right-side turn signal (1) housing. Discard the jam nut, but set the ball stud aside for re-use.
4. Unscrew the retainer from the mirror stem. Discard the retainer and lock washer (6).

Installing the New Right-Side Bracket - The replacement turn signal brackets are side-specific. The right-hand bracket (1) has a half-moon relief (3) cut into the face for clearance around the front brake lever pivot pin.

5. Attach the right-side turn signal bracket to the mirror stem with a new lockwasher (4) and the acorn nut (5) from the kit. Do not fully tighten at this time.
6. Slide the original ball stud into the turn signal bracket from the inboard side. Thread a chrome jam nut (6) from the kit all the way onto the ball stud.
7. Screw the ball stud into the right-side turn signal housing. Finger-tighten the jam nut against the housing.
8. Thread a lock screw (3) from the kit into the turn signal bracket, but do not tighten at this time.

Removing the Original Left-Side Bracket

9. Using 5/8" and 1/2" wrenches, hold the leftside ball stud clamp (4) and loosen the jam nut (2).
10. Unscrew the ball stud clamp from the left-side ball receptacle (8) and discard.
11. Unscrew the ball stud (3) and jam nut from the left-side turn signal (9) housing. Discard the jam nut, but set the ball stud aside for re-use.
12. Unscrew the acorn nut (7) from the mirror stem. Set the acorn nut aside for re-use, but discard the ball receptacle and lock washer (6).

Installing the New Left-Side Bracket

13. Attach the left-side turn signal bracket (2) to the mirror stem with a new lockwasher (4) and the acorn nut saved earlier. Do not fully tighten at this time.
14. Slide the original ball stud into the turn signal bracket from the inboard side. Thread a chrome jam nut (6) from the kit all the way onto the ball stud.
15. Screw the ball stud into the left-side turn signal housing. Finger-tighten the jam nut against the housing.
16. Thread the remaining lock screw (3) from the kit into the turn signal bracket, but do not tighten at this time.

Adjusting the Mirrors and Turn Signals

17. Have an assistant sit on the motorcycle and hold it upright with the front forks pointed straight ahead.
18. Position the mirror stems equally, and adjust the mirrors to clearly reflect the area behind the motorcycle.
19. Tighten the mirror stem acorn nuts to 60-96 in-lbs.
20. Position the front turn signal housings evenly with the lenses pointing straight ahead. Tighten each lock screw (3) to 50-60 in-lbs.

Note: After the lock screw is initially tightened, DO NOT completely remove it to re-adjust the turn signal housing. It is only necessary to loosen the lock screw approximately one-eighth turn, adjust the turn signal housing and re-tighten. The Nylon lock pellet on the lock screw maintains its locking ability after many loosening/ tightening cycles, but if the lock screw is completely removed it should be replaced.

21. Hold each turn signal housing and tighten the jam nuts securely.
22. Test the turn signals to ensure that they operate properly, and that the wiring has not become pinched or otherwise damaged.
23. Remove the shop towels from the fuel tank and front fender.

