

V-Twin Mfg.
Chrome Spotlamp Bracket
Fits 1986 - 2001 FLST Models
VT Part No. 31-4013

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. The hardware listed is only for reference and customer needs to supply it.

Installation Instructions:

1. Remove the two trim strips (one on each side of the fork tins) by removing the four button-head screws and set aside. They will not be re-used.
2. Take 5/16"-24 x 1-1/4" hex bolt (item 7) and install 5/16" lock washer (item 4) and 5/16" flat washer (item 8) onto the 5/16" hex bolt.
3. While holding the light bar in place, slide the 5/16" spacer washer (item 9) between the fork and the lower mounting hole on the light bar. Insert the 5/16" hex bolt with washers and tighten only finger tight.
4. Take the 5/16"-24 x 1-3/8" hex bolt (item 5) and install a 5/16" lock washer (item 4) and the larger 5/16" flat washer (item 3) on the hex bolt.
5. Hold the 5/16" spacer (item 2) between the upper light bar mount and the fork and install the 5/16" hex bolt with washers. Tighten finger tight.
6. Repeat steps 2 through 5 for the other side of the light bar.
7. Tighten all bolts securely to 10-12 ft-lbs.
8. 5/16"-24 x 1 bolts (item 6) and washers are used to secure the windshield to the light bar. If the windshield is not used, or a quick-detachable windshield is used, these bolts are not required.
9. Install spot lamps (not included) onto the two mounting locations according to the lamp manufacturer's instructions.

| ITEM # | DESCRIPTION | QUANTITY |
|--------|------------------------------------|----------|
| 1 | Light bar | 1 |
| 2 | 5/16" x 3/4" Upper Spacer | 2 |
| 3 | 5/16" x 1-1/32" x 1/8" Flat Washer | 4 |
| 4 | 5/16" Lock Washer | 6 |
| 5 | 5/16"-24 x 1-3/8" Hex Bolt | 2 |
| 6 | 5/16"-24 x 1 Hex Bolt | 2 |
| 7 | 5/16"-24 x 1-1/4" Hex Bolt | 2 |
| 8 | 5/16" x 11/16" x 1/8" Flat Washer | 2 |
| 9 | 5/16" x 1/2" x 5/16" Lower Spacer | 2 |

