

**V-Twin Mfg.
Chrome Front Engine Bar
Fits 2000-UP FLST Models
VT Part No. 51-1046**

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. Hold the engine guard (1) in place, lining up the hole on the top mounting tab with the hole in the cross brace located between the front downtubes just below the steering head.
2. Use bolt (4), two 5/16 flat washers (3) and the 5/16-18 hex nut (2) from the kit.
3. Place a flat washer onto the bolt and insert the through the holes from the front. Place the second flat washer over the bolt and thread the nut on. Tighten finger tight.
4. Attach the engine guard (1) to the footboard mounting bracket (2) on the right side of the motorcycle with bolt (7), 3/8 washer (6) and 3/8-16 locknut (5) from the kit. Tighten finger tight.
5. Attach the engine guard (1) to the footboard mounting bracket (2) on the left side of the motorcycle with bolt (7), 3/8 washer (6) and 3/8-16 locknut (5) from the kit.
6. Tighten both sides bolts to 33 ft-lbs.
7. Tighten the top bolt to 19 ft-lbs.

