



# INSTRUCTIONS

J05082

2010-03-25



## XL ENGINE GUARD

### GENERAL

#### Kit Number

49287-11

#### Models

For model fitment information, see the P&A Retail Catalog or the Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com) (English only).

#### ⚠ WARNING

**If Equipped:** Front and/or rear guards are not intended to provide protection from bodily injury in a collision with another vehicle or any other object. (00022d)

#### NOTE

A service manual for your model motorcycle is available from a Harley-Davidson Dealer.

### Kit Contents

Table 1. Kit Contents

Description (Quantity)	Part Number
Screw, 3/8-16 x 1-1/2 inch (2)	4721
Screw, 3/8-16 x 3/4 inch (2)	4713W
Washer, flat 3/8 inch (4)	6026
Assembly, engine guard	Not sold separately

### INSTALLATION

#### NOTE

Cover front fender with a clean rag to protect it from scratches during installation procedures.

#### NOTE

When performing Steps 1 and 4, you will also be removing the horn mounting bracket.

- Note location of horn wires and remove the two horn connectors from the back of the horn.

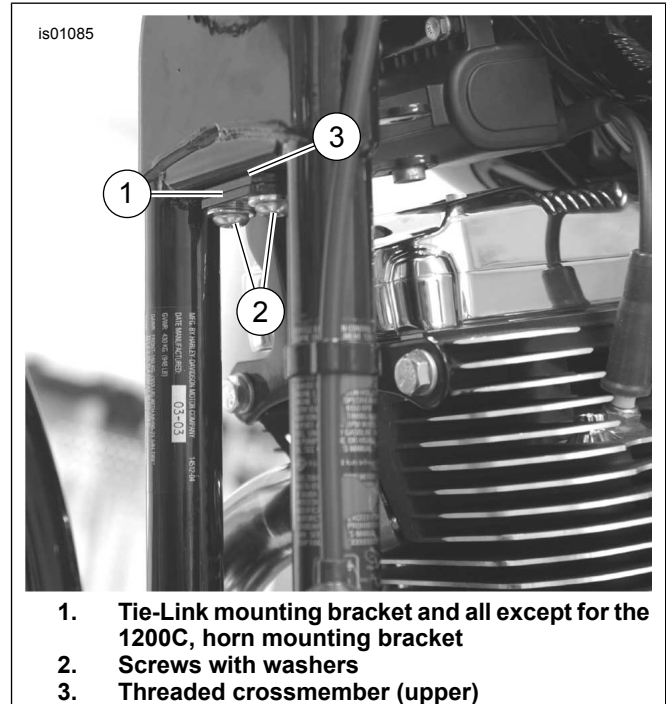


Figure 1. Remove Upper Tie-Link to Frame Hardware (XL 1200 Custom Shown)

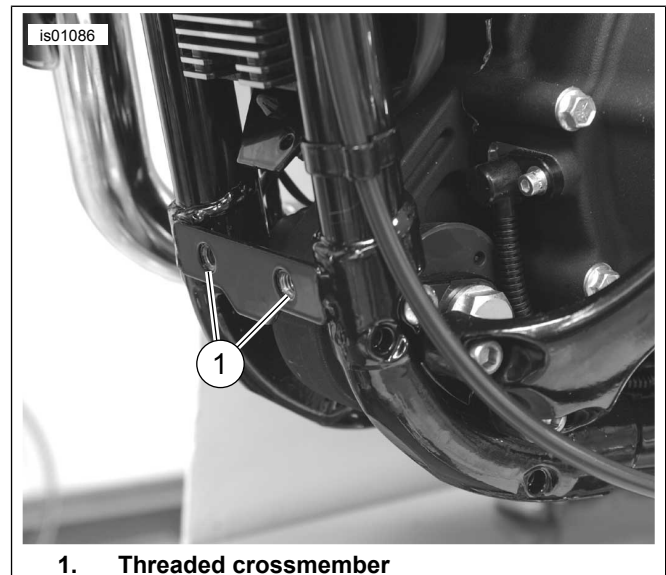


Figure 2. Lower Frame (threaded) Crossmember

- See Figure 1. Remove the two screws with washers (2) securing the upper tie-link assembly (1) to the upper front frame crossmember (3). Leave tie-link assembly in position. Discard screws and washers. Set horn bracket with horn aside for models in which horn was removed.

3. See Figure 2. Note the two threaded holes in the lower frame crossmember (1) (at lower section of the front frame downtubes). This is where the bottom section of the engine guard will be mounted.
4. Obtain two 3/8-16 X 1-1/2 inch screws, two flat washers and engine guard from kit.
5. See Figure 2. Before installing the engine guard, run the screws through the threaded holes in the motorcycle lower frame crossmember to remove any excess paint.

**NOTE**

*For Step 6, note that upper section of engine guard must be mounted between horn bracket and upper tie-link bracket. See Figure 3 noting that illustration is 1200 Custom and does not show the horn mounting bracket.*

6. Figure 3 illustrates mounting without horn bracket and horn in place. Place flat washers on screws. Obtain horn bracket with horn. While holding engine guard and horn bracket in place at upper crossmember, install screws with washers (2) through horn bracket, upper engine guard mount (1), tie-link mounting bracket and thread into holes in upper frame crossmember. Tighten just enough to hold the assembly snug and in place.

7. Obtain two 3/8-16 X 3/4 inch screws and two flat washers from kit.

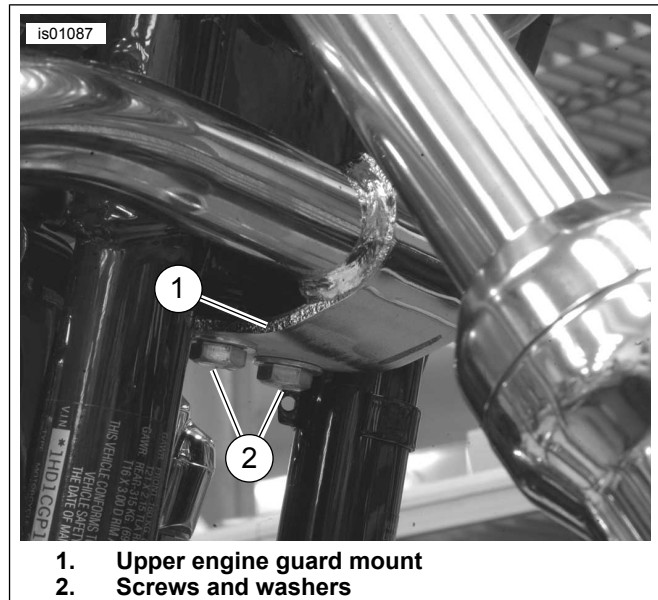
8. See Figure 4. Install flat washers onto screws. Install screws (2) through lower engine guard mount (1) holes and thread into lower crossmember holes. Tighten until snug only.

9. By sight, carefully center the engine guard and hold in position.

10. Tighten the upper mounting screws to 34–47 N·m (25–35 ft-lbs).

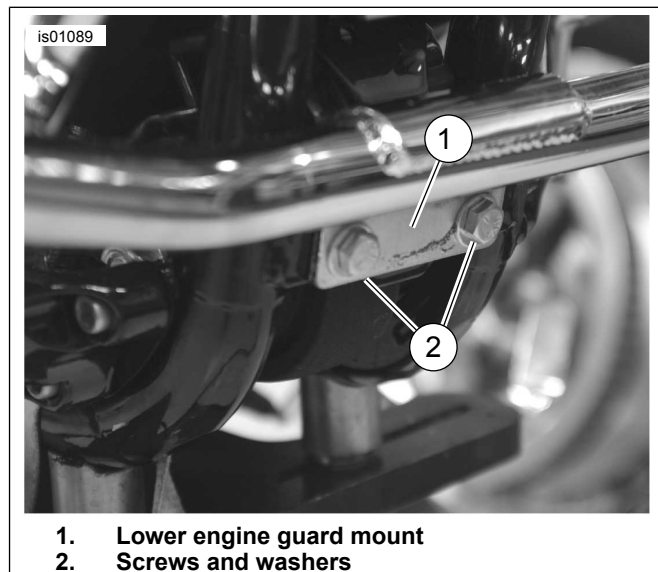
11. Tighten the lower mounting screws to 34–47 N·m (25–35 ft-lbs).

12. Turn handlebars fully to the right and left and inspect for adequate clearance between the engine guard and the clutch and brake cables.



**1. Upper engine guard mount  
2. Screws and washers**

**Figure 3. Mount Upper Section of Engine Guard**



**1. Lower engine guard mount  
2. Screws and washers**

**Figure 4. Mount Lower Section of Engine Guard**