



# INSTRUCTIONS

## MID-FRAME AIR DEFLECTORS

J04715

2015-12-23

### GENERAL

#### Kit Numbers

58002-09, 58002-09A, 57200157

#### 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).

#### Kit Contents

See **Figure 3** and **Table 1**.

### INSTALLATION

#### NOTE

View of frame behind rear engine cylinder, engine omitted for clarity.

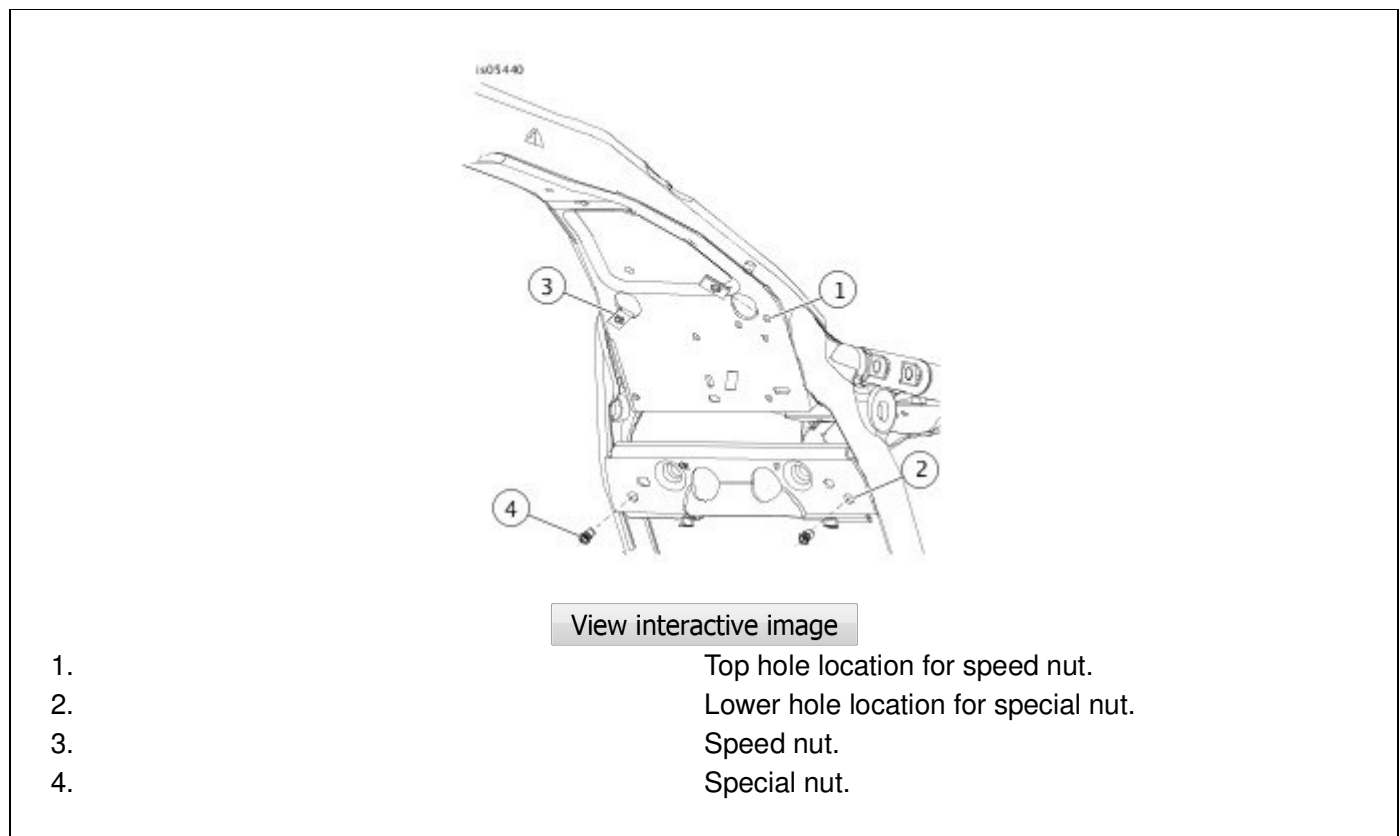


Figure 1. Fastener Locations

1. See **Figure 1** and identify the frame hole locations that are used to fasten the air deflector hardware.

Install speed nut (3) clips over hole (1) and special nut (4) inserts into hex hole (2).

2. See **Figure 3** and **Table 1**. Install special nuts:
  - a. Install washer (2) to screw (1). Insert screw fully into the special nut (4).
  - b. Insert the resulting fastener assembly into one of the two lower hex shaped holes from the underside of the frame crossmember plate. Press the fastener assembly firmly into place against the plate. Tighten screw to 6.8 N·m (60 **in-lbs**) (approximately 2-1/2 turns).
  - c. Remove the screw and washer. Use them to repeat the process for the opposite hex shaped hole. Retain the screw and washer.

3. See **Figure 3**. Clip the speed nuts (3) through the large hole with the flat side on the underside of the frame plate. Align the threaded holes to the small mounting holes in the plate.

**NOTE**

Do not use Loctite on the fasteners that secure the mid-frame air deflectors to the frame. If Loctite contacts the air deflectors, damage occurs.

4. Install a washer (2) to a screw (1). Install the screw
  - a. from the underside of the frame,
  - b. through the top mounting hole in the right side deflector,
  - c. into a speed nut (3) attached to the frame.
5. Install a washer to a screw. Install the screw through the lower mounting hole into the special nut (4).
6. Firmly push the deflector against the outer frame. Tighten the screws to 2.8–3.9 N·m (25–35 **in-lbs**).
7. Remove rear spark plug wire retainer and discard.

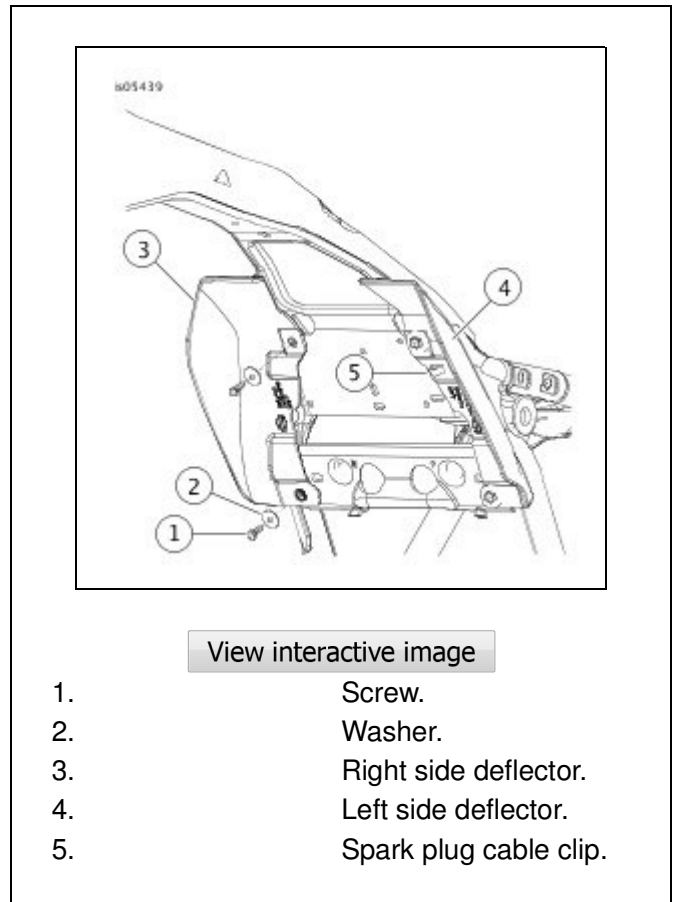


Figure 2. Installing air deflectors

8. Position the left deflector behind the spark plug wire and evaporative tube (if present). Install the deflector using screws and washers. Do not tighten. **For motorcycles equipped with an adjustable rider backrest kit:**
  - a. Remove the backrest actuator bracket assembly mounting screw and washer. Save for reuse in Step C.
  - b. Position the left side mid-frame air deflector **between** the frame and the backrest actuator bracket assembly.
  - c. Install the previously removed screw and washer through the bracket and upper deflector mounting hole and into the frame speed nut. Do not tighten.
  - d. Use a screw and washer from the kit in the lower deflector mounting hole. Do not tighten.
9. Firmly push the deflector against the outer frame. Tighten the screws to 2.8–3.9 N·m (25–35 **in-lbs**).
10. See **Figure 2**. Clip the rear spark plug wire to the left deflector using the clip (5) molded into the deflector.

## SERVICE PARTS

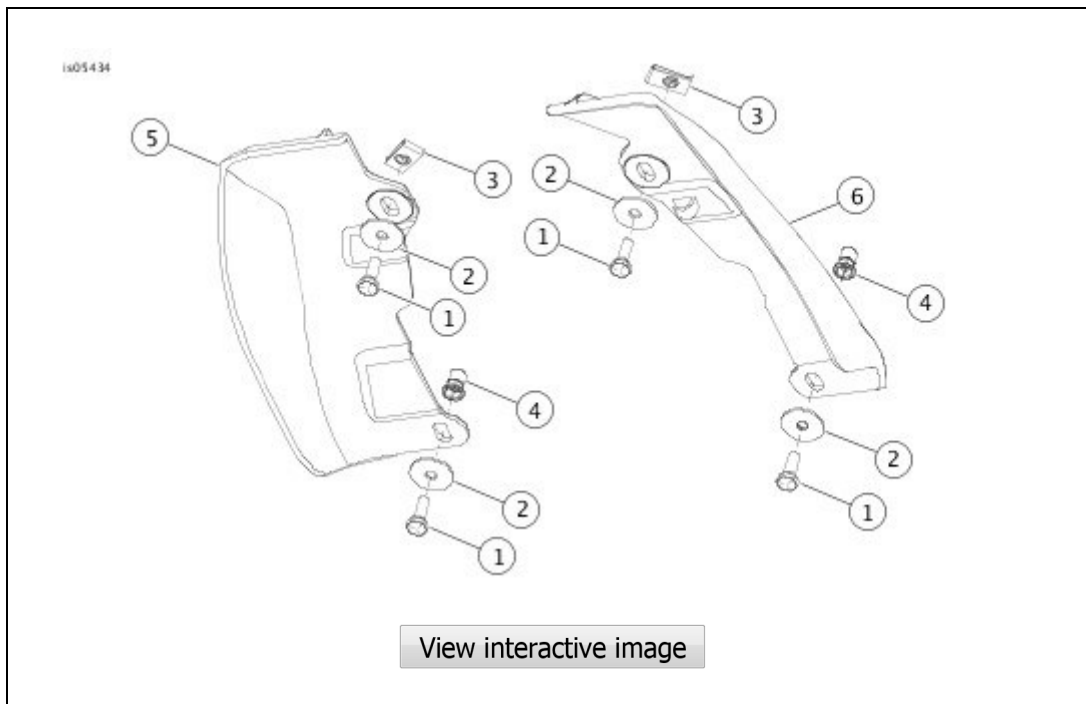


Figure 3. Service Parts: Mid-Frame Air Deflectors

Table 1. Service Parts

ITEM	DESCRIPTION (QUANTITY)	PART NUMBER
1	Hex cap screw (4)	3787
2	Flat washer (4)	6036
3	Speed nut (2)	8108
4	Special nut (2)	8194
5	Mid-frame heat deflector, right (for 58167-09) Mid-frame heat deflector, right (for 58002-09A, <b>without</b> chassis fan) Mid-frame heat deflector, right (for 57200157, <b>with</b> chassis fan)	58167-09 58002-09 58167-09
6	Mid-frame heat deflector, left	58169-09