



INSTRUCTIONS

J06048

2023-01-10



AIR WING LID RACK KIT

GENERAL

Kit Number

50300097, 50300295

Models

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

Tools and Supplies Required

Silicone sealant, a drill and various small bits and masking tape for proper kit installation.

⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00308b)

Kit Contents

See Figure 1 and Table 1.

INSTALLATION

Rack Installation on Trunk

1. **ALL installations:** Open the lid. Remove all loose contents from the trunk.
2. See Figure 1. Slip the **larger diameter** mounting pad (8) onto the left-rear leg. Slip the three **smaller diameter** mounting pads (10) onto each of the remaining mounting legs (A).
3. Open the trunk and locate the four buttons which are the drill locations (C) and (D).
4. Drill four 1/16 in (1.5 mm) diameter pilot holes through the buttons on the trunk lid.

NOTE

Brace or tie the trunk lid securely in the open position.

5. Apply masking tape (E) to the trunk lid where the four holes (C) and (D) come through the lid.
6. Use a **9/32 in (7 mm) diameter** bit to drill three holes through the tape and lid at the pilot hole locations (C). Use a **3/8 in (9.5 mm) diameter** bit to drill a hole through the tape and lid at the pilot hole location (D).

7. Remove the masking tape.

NOTE

Clean off any drilling debris and tape residue. Apply a small amount of silicone sealant between the underside of the trunk lid, plastic washers and screw threads to reduce water leakage.

Brace or tie the trunk lid securely in the open position.

8. Obtain the 3 hex head cap screws (4), smaller diameter flat washers (5) and plastic washers (9) from the kit. First place a metal washer, next a plastic washer over the threads of each screw.
9. Brace or tie the trunk lid securely in the open position. Position the rack over the holes in the lid. Install the three screw and washer assemblies (with silicone sealant) through the three **smaller diameter** holes in the trunk lid and into the three smaller rack mounting pads, finger tighten.
10. Obtain the hollow hex head screw (2), larger diameter flat washer (3) and plastic washer (7) from the kit. First place the metal washer, next the plastic washer over the screw threads. Install the screw and washer assembly (with silicone sealant) through the remaining hole in the lid and into the rack mounting pad, finger tighten.
11. Tighten all four luggage rack screws.
Torque: 6.8–9.5 N·m (60–84 **in-lbs**) *Hex head screw*

In Use

⚠ WARNING

See ACCESSORIES AND CARGO section within the SAFETY FIRST section in your owner's manual. Improper cargo loading or accessory installation can cause component failure and adversely affect stability, handling and performance, which could result in death or serious injury. (00021c)

NOTE

Maximum Air Wing lid rack weight capacity is ten pounds (4.5 Kg).

⚠ WARNING

Do not exceed luggage rack weight capacity. Too much weight can cause loss of control, which could result in death or serious injury. (00373a)

- Verify that lid rack cargo is secure. Recheck load periodically.
- Items with a large surface area mounted on the lid rack can adversely affect vehicle handling.

SERVICE PARTS

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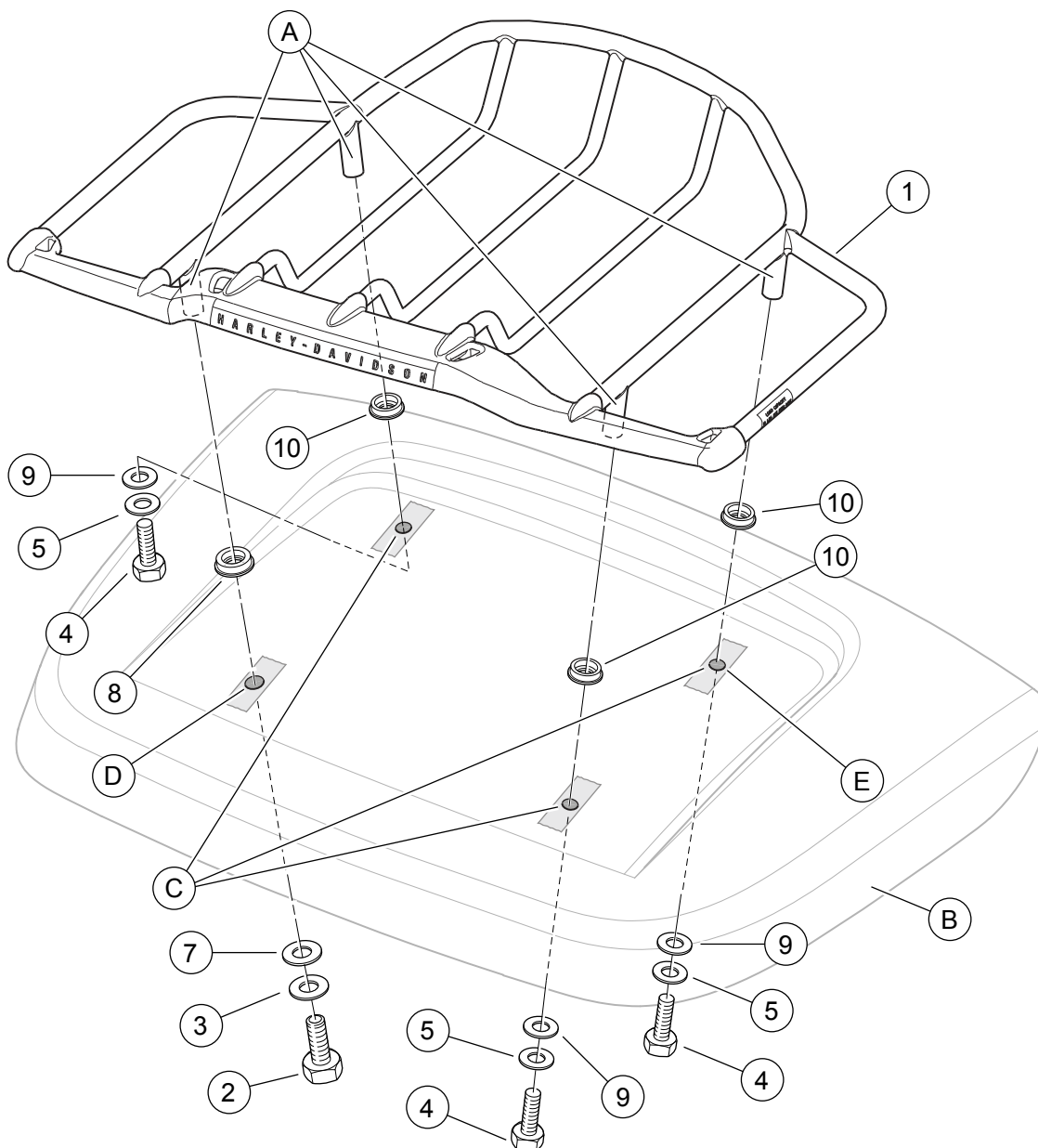


Figure 1. Service Parts, Air Wing Lid Rack

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
1	Rack assembly, lighted	Not sold separately
2	Screw, hollow, hex head, 5/16-18 x 1 (1)	10500043
3	Flat washer, 0.74 inch (19 mm) O.D.	6235
4	Cap screw, hex head, 1/4-20 x 1 (3)	3483
5	Flat washer, 0.63 inch (16 mm) O.D. (3)	6703
6	Mounting pad and washer set (includes items 7 through 10)	90875-08
7	• Flat plastic washer (larger I.D.)	Not sold separately
8	• Mounting pad (larger I.D., plastic)	Not sold separately
9	• Flat plastic washer (smaller I.D.) (3)	Not sold separately
10	• Mounting pad (smaller I.D., plastic) (3)	Not sold separately

Items mentioned in text, but not included in kit:

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
A	Rack mounting support (4)	
B	Tour-Pak lid	
C	Drill 9/32 inch (7 mm) diameter hole (3) at these locations	
D	Drill 3/8 inch (9.5 mm) diameter hole at this location	
E	Masking tape, (4) places	