



INSTRUCTIONS

-J03932

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AIR WING TOUR-PAK LID RACK KIT

GENERAL

Kit Number

79179-08

Models

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

This kit is not compatible with a previously installed Tour-Pak Lid Organizer (Part Number 53249-01A or 53249-01B).

Tools and Supplies Required

Silicone sealant, a drill and various small bits, masking tape, a grease pencil in a color other than the Tour-Pak, and a soft lead pencil will be needed to install this kit.

Kit Contents

See Figure 1 and Table 1.

INSTALLATION

Template Positioning (Rack Installation WITH SPOILER only)

The location of the luggage rack has a direct relationship to the location of the Tour-Pak® Spoiler. The template (11) included in this kit will locate the luggage rack in the correct position for the current or future installation of a Tour-Pak Spoiler.

NOTE

A template is not required if installing rack without spoiler.

1. If a spoiler is already installed, or if the installation of a Tour-Pak-mounted spoiler may be desired in the future, cut the template along the appropriate line.
2. Carefully place the trimmed template on top of the Tour-Pak, aligning the edges of the template with the top surface of the Tour-Pak lid. Tape the template to the lid in the desired location. The template will help to properly locate the rack so that a spoiler may be added in the future.

Rack Installation on Tour-Pak

1. **ALL installations:** Open the lid, and remove all loose contents from the Tour-Pak®.
2. See Figure 1. Slip the **larger diameter** mounting pad (8) onto the left-rear leg, and the three smaller diameter mounting pads (10) onto each of the remaining mounting legs (A) of the Tour-Pak® Lid Rack (1).

With the HARLEY-DAVIDSON name to the rear, position the rack on the Tour-Pak lid in the desired location.

NOTE

Carefully center the rack from left to right, and position the rack squarely on the lid for best appearance. Do not mount the rack too far forward to avoid contact with the backrest pad.

3. Use a grease pencil to temporarily mark the positions of the four mounting pads on the lid. Remove the rack.
4. Apply masking tape (E) to the Tour-Pak lid where the four mounting pads (A) contact the lid, and position the rack on the lid in the same location as in the previous step.
Using a soft lead pencil on the masking tape strips, trace a circle around each mounting pad. Remove the rack, and use a ruler to mark the exact center position of the mounting pads on the tape.
5. Drill four 1/16 inch (1.5 mm) diameter pilot holes through the masking tape and Tour-Pak lid at the locations marked (C) and (D).
Use a **9/32 inch (7 mm) diameter** bit to drill three holes through the tape and lid at the locations marked (C).
Use a **3/8 inch (9.5 mm) diameter** bit to drill a hole through the tape and lid at location (D).
6. Remove the masking tape.

NOTE

Clean off any drilling debris, tape residue and grease-pencil marks, and apply a small amount of silicone sealant between the underside of the Tour-Pak lid and the rubber washers, and around the screw threads to prevent water leakage.

Brace or tie the Tour-Pak lid securely in the open position during rack installation to prevent hand or finger injury, or scratching of the Tour-Pak lid finish.

7. Obtain the three hex head cap screws (4), smaller diameter flat washers (5) and rubber washers (9) from the kit. Place first a metal washer, then a rubber washer over the threads of each screw.
8. Lift the Tour-Pak lid and secure in the full open position. Position the rack over the holes in the lid.
Install the three screw and washer assemblies (with the silicone sealant) through the three **smaller diameter** holes in the Tour-Pak lid and into the three smaller rack mounting pads, but do not fully tighten at this time.
9. Obtain the hollow hex head screw (2), larger diameter flat washer (3) and rubber washer (7) from the kit. Place first the metal washer, then the rubber 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, but do not fully tighten.
10. Tighten all four luggage rack screws evenly and securely to 60-84 **in-lbs** (6.8-9.5 Nm).

In Use

WARNING

See the Accessory and Cargo section in your Owner's Manual. Improper loading of cargo or installation of accessories can affect motorcycle stability and handling, which could result in death or serious injury. (00021a)

NOTE

Maximum Tour-Pak 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)

NOTE

Combined load of lid rack and Tour-Pak® must not exceed 25 lbs (11.3 Kg). Overloading the motorcycle will cause unstable handling and reduced braking efficiency, which could result in death or serious injury.

WARNING

Do not exceed Tour-Pak weight capacity. Too much weight can cause loss of control, which could result in death or serious injury. (00401c)

- Be sure lid rack cargo is secure and will not shift while riding. Recheck load periodically.
- Items with a large surface area mounted on the lid rack can adversely affect vehicle handling.

SERVICE PARTS

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
1	Rack assembly, Tour-Pak®, lighted	Not sold separately
2	Screw, hollow, hex head, 5/16-18	4860
3	Flat washer, 0.74 inch (19 mm) O.D.	6235
4	Cap screw, hex head, 1/4-20 x 3/4 (3)	4702
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 rubber washer (larger I.D.)	Not sold separately
8	• Mounting pad (larger I.D., rubber)	Not sold separately
9	• Flat rubber washer (smaller I.D.) (3)	Not sold separately
10	• Mounting pad (smaller I.D., rubber) (3)	Not sold separately
11	Template, Tour-Pak rack/spoiler mounting (not shown)	50001-01
Items mentioned in text, but not included in kit:		
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	

