

iM2500 Luggage System Owner's Manual

Congratulations on your purchase of the iM2500 Luggage System. When properly mounted, used, and maintained this product will provide you with years of service.

The system consists of three components:

- A customized iM2500 Storm Case. We have added a latching mechanism and mounting tabs.



- Stainless steel deck mounting brackets with SS attaching hardware



- A latching mechanism to hold the luggage on the deck.



This document is organized according to these components.

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iM2500 Case Modifications

The iM2500 Storm Case was chosen due to the recessed area on the handle/wheel assembly.



We trim the plastic around the mounting holes and install a 1/8" x 1" aluminum bar at each end. This bar engages the deck tabs.



iM2500 Luggage System Operation

The case slides onto the deck and engages the tabs. These tabs are designed to fit VERY snugly so don't be surprised when you have to push really hard to get the case fully onto the brackets. If the case slides on easily you probably need to make some adjustment (see next section).

When the case is in the proper position the latching mechanism should go over the U portion of the tab.



Removal of the case is simply a matter of raising the latch and then giving the case a good tug to disengage the mounting tabs.

iM2500 Luggage System Periodic Maintenance

The only maintenance for the case is to ensure that everything is tight. Every 5000 miles or weekly, whichever occurs first perform the following checks:

- Tab mounting bolts are tight.
- Bolts securing aluminum bars to bottom of case are tight.
- Latching mechanism is tight.

iM2500 Luggage System Adjustments

If the case is loose on the mounting tabs (that is: you can feel up and down movement at the front and/or rear of the case) then:

- Step 1** Perform the periodic maintenance check for tightness of the aluminum bars and mounting tabs.
- Step 2** If these are not loose then you may need to bend the stainless steel mounting tabs downward slightly to tighten things back up.

Bending these downward takes quite a bit of force. Use a rubber mallet and make haste slowly. If you overbend them you can pull them back up with a crescent wrench. Remember you want the case to engage these tabs snugly.

iM2500 Luggage System Installation

Items included with iM2500 Luggage System:

- iM2500 Pelican/Storm case
- Locking bolt (pre-installed)
- Aluminum bar on bottom of case (pre-installed)
- Stainless steel mounting tabs and attaching hardware consisting of:
 - 2 each stainless steel mounting tabs
 - 4 each M5 SS button head socket screws
 - 4 each M5 SS nuts
 - 4 each M5 SS flat washers
 - 4 each M5 SS split lock washers

Tools required:

- Measuring tape or yardstick
- Pencil
- Center punch
- Drill motor
- 7/32" (5.55mm) Drill bit (at least 13/64" (5.16mm) but no larger than 1/4" (6.35mm))
- 3mm Hex wrench (allen wrench)
- 8mm end wrench or socket

Procedure

Refer to the layout diagram.

Note: The only critical dimension is the 13-1/2" from bar edge to bar edge.

- Step 1** Position the iM2500 case on the luggage deck in the position you want to have it. For longitudinally mounted luggage decks this will be centered left and right and as far forward as possible but not so far forward that you're back is hitting the latch bolt or that deck turn up interferes with the latch bolt. This is usually 1-1/2".



- Step 2** Slip the U bend tab completely over the latching bar and, using your pencil, draw a line along the edge of the tab.
- Step 3** Remove the luggage deck from the tank.
- Step 4** Align the U bend tab to the mark you made and mark the holes.
- Step 5** Center punch and drill 7/32" (5.5mm) holes on these marks
- Step 6** Affix the tab on the deck using 2 M5 SS button head socket screws, 2 M5 SS flat washers, 2 M5 SS split lock washers, and 4 each M5 SS nuts

Note: The washers go on the back side of the deck.

- Step 7** Measure from the inside of the tab and make a mark 13-1/2" away from this edge. This is the position of the second tab.



- Step 8** Mount this tab as you did the U bend tab.
- Step 9** Reinstall the deck on the tank.
- This completes the installation procedure.

Appendix



