

PIVOT™

Better Connection. Better Protection.
*Making the **Case** for Aviation.*

Boeing B747 Long Term Removable Mount LTRM Installation and Removal Manual



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Read Before Use

Follow the instructions to ensure proper installation, deployment and maintenance of the PIVOT B747 LTRM unit.

Purpose

Provide information for correct installation, removal and use of the PIVOT LTRM Mount for the Boeing B747.

Extent

This instruction manual is appropriate for all personnel involved in the installation, removal or use of the PIVOT LTRM for the Boeing B747.

Reference / Definitions

LTRM Long Term Removable Mount

CA Captain's Side Mount (PM-B747)

FO First Officer's Side Mount (PM-B747)

Responsibility

PIVOT reserves the right to make design updates to meet new requirements without obligation to modify existing installations. This manual is subject to change without notice. Service Bulletins may be issued separately and their effect on this manual will be made evident by reissue of the appropriate list of Service Bulletins. This document can only be changed by an authorized PIVOT engineer Project Manager.

Illustrations

Visual depictions are for explanatory purposes only.

Overview

The PIVOT LTRM Mount consists of several parts:

- Attachment plate
- High-deflection AMPS adapter with PPK-1

Total installation time for a shipset (CA and FO) is approximately five (5) minutes. Captain and First Officer LTRM units is the same part and uses the same installation/removal process. Installation does not require tools. Accomplishing the steps detailed in the manual provide any user with required data for successful installation, removal or use. You may also want to refer to the following: <https://pivotcase.com/ltrm/>.

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LTRM Installation Instructions

Hold the PIVOT LTRM with one hand and move it into position over the window sill.



Place upper edge of LTRM into gap in the window shade channel. Lift chart spring clip. Slide LTRM forward and guide clip through forward slot in the LTRM.



Release spring clip. Press down on the top edge of the LTRM to secure it in position. Raise the window shade to ensure there is no interference with its operation.



The installation is complete.

Attachment & Removal of PIVOT Case to Mount

Refer to PIVOT Case User Guide for details.

LTRM Removal Instructions

Ensure the window shade is in its stowed position.



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With one hand, lift up the chart spring clip. Using your other hand, slide the LTRM aft to remove the chart spring clip from the slot in the LTRM.



With the other hand, lift up on the LTRM to separate it from the gap in the window shade channel.



The removal is complete.

Periodic Care

A visual inspection of the PIVOT LTRM should be conducted by a maintenance technician every 120 days.

- The LTRM should be removed and visually inspected for any structural deformation or visual damage that may affect proper fit. If damaged, remove mount from aircraft per the instruction manual and repair or replace.
- Visually inspect the PIVOT mounting plate and tension ring for visible damage. It should be free of cracks and other visible damage. The tension ring should move freely and be free of cracks or any fracture. If damage is visible to the mounting plate or tension ring, they should be replaced
- Visually inspect the baseplate where the pedestal is fastened to the metal shroud. If fasteners are missing, remove LTRM from service and replace fasteners before further use.
- LTRM part numbers should be cross-checked to ensure that the appropriate LTRM is installed in the correct position.
- Scratches and other surface imperfections are typical and do not affect the performance of the LTRM.
- All surfaces of the LTRM should be wiped with a solvent-free cleaner to remove any accumulated dirt or debris prior to being re-installed.

Additional Information

To learn more, please visit pivotcase.com for instructional videos, product support and additional information about PIVOT products. You'll find valuable online resources to enhance your user experience and see the complete line of PIVOT products.

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If you have questions, please contact PIVOT Support.



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