

# PIVOT™

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

## **Boeing B747 Long Term Removable Mount (LTRM™) Installation and Removal Manual**



Document no. PM-B747-NHO Installation and Removal Manual	Revision 20-01	Date 01 Mar 2020	Page 2 of 5
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## Read Before Use

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

For the purposes of this manual, the term “LTRM™ device” will be replaced with “device” as appropriate, as these terms are interchangeable.

## Purpose

Provide information for correct installation, removal, and maintenance of the device for the Boeing B747.

## Extent

This instruction manual is appropriate for all personnel involved in the installation, removal, or maintenance of the device for the Boeing B747.

## Reference / Definitions

LTRM	Long Term Removable Mount
Device	LTRM™ device
CA	Captain’s Side Mount (PM-B747)
FO	First Officer’s Side Mount (PM-B747)



## Revision Highlights

Added Revision Highlights and Revision Record sections. Changed Revision Numbering format. Replaced *Periodic Care* with *Daily Use Considerations*; updated instructions.

## Revision Record

Revision Number	Revision Date	Author	Technical Approval
20-01	01 Mar 2020	Jessica Gillespie Swanwick	Nate Stoffregen

## 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 employee.

## Illustrations

Visual depictions are for explanatory purposes only.

Document no. PM-B747-NHO Installation and Removal Manual	Revision 20-01	Date 01 Mar 2020	Page 3 of 5
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## Overview

The PIVOT LTRM™ device consists of several parts:

- Contoured attachment plate
- High-deflection AMPS adapter with PPK-1 mounting plate

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

## Installation Instructions

With the window shade in the stowed position, hold the device with one hand and move it into position over the window shroud.



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



Release chart spring clip. Press down on the top edge of the device 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 Device

Refer to PIVOT Case User Guide for details.

Document no. PM-B747-NHO Installation and Removal Manual	Revision 20-01	Date 01 Mar 2020	Page 4 of 5
---	-------------------	---------------------	----------------

## Removal Instructions

Ensure the window shade is in its stowed position.



With one hand, raise the chart spring clip. Using your other hand, slide the device aft to remove the chart spring clip from the slot in the device.



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



The removal is complete.

## Daily Use Considerations

Scratches and other surface imperfections are typical and do not affect the performance of the device.

If a discrepancy is identified, remove the device from service and either repair or replace. If any part is visibly damaged, loose, or missing, remove the device from service and either repair or replace before further use. All surfaces of the device may 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](http://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.

If you have questions, please contact PIVOT Support.

Document no. PM-B747-NHO Installation and Removal Manual	Revision 20-01	Date 01 Mar 2020	Page 5 of 5
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