

PIVOT™

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

Suction Cup Mounts Installation and Removal Manual



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Read Before Use

Follow the instructions to ensure proper installation, deployment, and maintenance of PIVOT mounts using the suction cup mount attachment. The following PIVOT Mounts are covered under this manual:

809PPK	PM-809DBL-19	PC-809DBL-RM-MED-COMP
809PPK-PB	PM-809DBL-22	PM-801PPK
815PPK-PB		

For the purposes of this manual, an 809PPK is used as the instruction example.

Purpose

Provide information for correct installation, removal, and use of the device for use in aircraft.

Extent

This instruction manual is appropriate for all personnel involved in the installation, removal, or use of the device for use in aircraft.

Reference / Definitions

Device	809PPK
CA	Captain's Side
FO	First Officer's Side



Revision Highlights

Combined the *Best Practices for Use of PIVOT Suction Cup Mounts* section with information previously contained in *Daily Use Considerations* section. Added information regarding daily inspection procedure and replacement intervals. Modified instructions for installing the 815PPK-PB.

Revision Record

Revision Number	Revision Date	Author	Technical Approval
21-01	15 Feb 2021	Jessica Gillespie Swanwick	Nate Stoffregen
20-01	21 July 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.

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Overview

The device consists of several parts:

809: suction cup, air express button, locking lever, tension knob base, tension knob arm, mount arm

PIVOT Parts Kit (PPK): mounting plate, tension ring, dogbone

Total installation time for a shipset (CA and FO) is approximately five (5) minutes. The Captain and First Officer devices are the same device with 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 and removal. You may also want to refer to the following link: <https://pivotcase.com/ltrm/>.

Installation Instructions

Visually inspect the suction cup mount for any defects prior to installing. If defects are identified, do not use the mount. Replacement is needed.

Wipe the suction cup with a clean, damp cloth and let dry completely.

Avoid temperature extremes when installing.

Thoroughly clean the smooth, flat, non-porous mounting surface. The surface should be dry and free of any scratches or debris.

Position the Suction Cup Lever in the *down* position.
Position the suction cup in the desired mounting location.



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With the Suction Cup Lever in the *down* position, push the Suction Cup firmly against the mounting surface.



Press the Suction Cup Button completely down.



Pull the Suction Cup Lever up and over the button.

The button will move out at this time; this action locks the Suction Cup into place.



815PPK-PB Installation Instructions

To install the 815PPK-PB mount:

1. Position the Suction Cup Lever is in the *up* position. Position the suction cup in the desired mounting location.
2. Push the Suction Cup firmly against the mounting surface.
3. Push the Suction Cup Lever down and over the button.

Attachment & Removal of PIVOT Case to Mount

Refer to PIVOT Case User Guide for details.

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Removal Instructions

Hold the device with one hand.



Push the lever back down towards the base.

Grab the small tab located on the soft silicone side and gently pull the mount from the surface.



Best Practices for Use of PIVOT Suction Cup Mounts

Aircraft Based Suction Cups

Prior to use, clean and sanitize the suction cup and body of the PIVOT suction cup mount using an isopropyl alcohol-based solvents or wipe. Ensure the clear suction-cup and the window surface is completely dry prior to use. Trapped liquid alcohol can damage the device or window over long periods of time.

Note: The use of bleach-based solvents are not recommended as they may cause damage to the suction cup.

For a standard Captain and First Officer crew compliment, PIVOT recommends stowage of a spare suction cup mount onboard in the event of damage, loss, or an unserviceable unit.

Daily Inspection Procedure

PIVOT Suction Cup Mounts should be removed, inspected, and stowed upon daily termination of flight operations. PIVOT Suction Cup Mounts should also be removed, inspected, and reinstalled upon any crew change. If, in the experience and judgement of the aircrew, the PIVOT Suction Cup Mount is damaged, or otherwise approaching unserviceability, the aircrew will arrange to have the unit replaced and continue.

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.

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Replacement Intervals

Adherence to the Daily Inspection Procedure will provide operators early identification of degraded performance. PIVOT Suction Cup Mounts only require replacement due to damage or degraded performance as observed by the user, and do not have a date-based replacement interval. PIVOT Suction Cup Mounts have been proven to function as intended for years when the above guidance is followed. Use of the Daily Inspection Procedure reduces environmental and financial waste created by date-based interval replacement recommendations which do not accurately reflect the true serviceability of the unit.

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.

If you have questions, please contact PIVOT Support.



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