

Piper Baggage Door Seal Installation Instructions (Part Number ETA-500)

NOTE: This seal is not to be installed on the baggage door as with the old seal. Install the seal on the fuselage baggage opening. The old quarter-round (or bulb) seal must be removed from the doors. The old seal may be removed with the door installed on the aircraft; it is easier than removing the door from the aircraft before removing the seal.

1. REMOVAL OF DOOR

- a. Carefully tap the end of the hinge pin using a small drift until enough of the hinge pin protrudes enough to grasp with vise grips.
- b. Pull the hinge pin to remove door from plane and lay on a flat protected surface.

2. REMOVAL OF OLD SEAL

- a. Using a putty knife or similar tool, pry a section of the seal away from the door edge until you have a piece large enough to hold onto.
- b. Using adhesive remover (suggested: "OOPS" ADHESIVE REMOVER may be purchased from Wal-Mart or hardware store in the paint department) brush a liberal amount under the seal in the area of the adhesive and carefully lift the seal from the door edge until the entire seal is removed.
- c. Using a stiff brush (similar to a wire tooth brush) and "OOPS", remove all the old adhesive from the door (this is a good time to paint the door edge).

Note: In some areas where the seal is very old it may be necessary to use a heat gun to aid in the removal of the old seal.

3. INSTALLATION OF SEAL

- a. Before you get started with the new seal installation you must make sure the surface where the seal fits is free of any loose paint. Using a small wire brush, clean the channel around the entire door opening (on the fuselage). When finished, wipe the entire surface with "OOPS" or suitable solvent to remove any oil or contamination. Make sure its dry before commencing with the seal installation.

- b. Remove the new seal from the bag.

Note: Retain the enclosed PMA tag for insertion into the logbook or aircraft records.

- c. Carefully remove a small length of the white protective cover from the adhesive side of the seal.

Caution! Do not stretch the seal as you fit it around the corners of the door opening.

- d. Starting near the latch plate at the bottom of the door opening, install the adhesive side of the seal onto the frame as shown on drawing ETA502 view B-B.

- e. Removing the protective covering as you go, install the seal around the entire door opening as shown on drawing ETA502 views A-A, B-B, and C-C.

- f. When you have the entire seal installed around the opening and are back at the starting point, cut the remaining portion of the seal $\frac{1}{4}$ inch longer than needed.

- g. Press the remaining end of the seal into position joining the two ends together.

- h. Using the enclosed tube of "Super Glue", spread the ends of the seal slightly and apply a drop of "Super Glue" on the end of the seal.

Warning! "Super Glue" can bond skin. Use caution when applying the seal. Wear eye protection!

Note: To insure long life of the new door seal and to aid in the initial sealing, wipe a light film of silicone grease on the seal using ETA part number SL-101 silicone grease. Remove all traces of the silicone on seal with a paper towel. The seal will absorb what is needed.

4. INSTALLING DOOR

- a. Insert the door into position and insert the hinge pin into the piano hinge and tap it into place until the pin is totally within the hinge.

5. ADJUSTMENT OF DOOR

- a. The only adjustment that can be made to the baggage door is by the adjustment of the latch arm attached to the lock. If an adjustment is required, remove the arm and slightly bend as required until baggage door latches properly.
- b. Loosen the two screws and move the plate in or out as required to provide a good seal of the door.

6. LOG BOOK ENTRY

- a. Upon completion of the door seal installation a log book entry should be made to read:
"Removed door seal from entry door and installed a new FAA-PMA Door seal P/N ETA500 in accordance with manufacturer's instructions. PMA tag may be found in aircraft records or log book." Remove the PMA tag from bag and place in the aircraft records.

Note: After installing the seal, the door may initially require slightly more effort to close than in the past to it. The new seal will compress to fit the contour of the door, protruding rivets, and seams, and after a few days the door will close easily and seal perfectly.

Caution! Passengers can damage the seal by dragging their feet across the seal or stepping on the seal when getting into and out of the plane. Ask your passengers to please step into the plane and not drag their feet across or step on the door seal. The door seal is durable and should last for many years and can be easily repaired if damaged or torn.

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