

SERVICE

MEMO

Service Memo No. 11

PA-12 AND PA-14 SHOCK CORD INSTALLATION INSTRUCTIONS

Tools Required: PA-12 Tool - Piper No. 10508-00
PA-14 Tools-Piper Nos. 10508-00 and 11904-00

Instructions:

1. PA-12 - Remove the front seat.
1. PA-14 - Remove the left front seat, flap lever cross shaft, battery box and switch. Install truss extension #11904-00 as shown on sketch.
2. Hook the shock cord over forward keeper adjacent to truss tube.
3. Pull shock cord underneath landing gear arm and catch with the hook of the tool #10508. Have the hook pointing forward.
4. Attach hook in first hole of bar. Place pad of the tool on the truss tube in line with the keepers. Pull upward on the bar sliding the hook up through the keeper plate channel. Use a screw driver to assist the shock cord in sliding over the keeper plate.
5. Slide the shock cord forward on the rear keeper until it is adjacent to the truss tube. See (1) of figure.
6. Place second shock cord on forward keeper adjacent to the keeper plate. Follow procedures 3 and 4 above. The second shock cord should lay just outside of the first one where it crosses the landing gear arm and is placed on the rear keeper adjacent to the keeper plate. See (2) of figure.
7. Place third shock cord between the first two on the forward keeper. Follow procedures 3 and 4 above. The third shock cord should lay outside the other two where it crosses the landing gear arm and should be placed between the other two on the rear keeper. See (3) of figure.

NOTE: It is recommended that the keeper plate be wrapped tightly with friction tape to prevent any cutting of the cords of the shock cords.

Shock cords may be removed by using the hook in the second hole with the hook pointing to the rear. When the shock cord is raised above the keeper plate, use a bar or a screw driver to assist the hook and cord over the keeper plate. When the bar is resting on the floor, remove the hook and disengage from the cord.

NOTE: Use extreme care when installing or removing the shock cords. Be sure that the pad is seated firmly on the truss tube. Do not place the hands near the end of the bar. Do not remove all of the shock cords from one side of the landing gear without removing at least two from the other side. In all cases, support the weight of the airplane at some point other than the landing gear. A supporting rope around the propeller and attached to a substantial member overhead is recommended.

SEE OPPOSITE SIDE FOR SKETCH

