

RV Bits RV10 Seat Lever Kit Installation

This kit is easy and simple to install and also extremely light weight as it is laser cut out of a high grade aluminum. The knob and bush is 3D printed.

RV10 SEAT LEVER PARTS LIST	
ITEM	QTY
LEVER	2
KNOB 3D PRINTED	2
AN3 BUSH 3D PRINTED	2
AN515-8R16 (MS35206-249) SCREW	2
AN960-08 WASHER	6
AN365-08 NUT	2
AN3-7A BOLT	2
AN960-10 WASHER	2
AN365-10/32 (MS21044N3) NUT	2
MS20392-1C15 CLEVIS PIN	2
COTTER PIN	2
AN960-06 WASHER	2

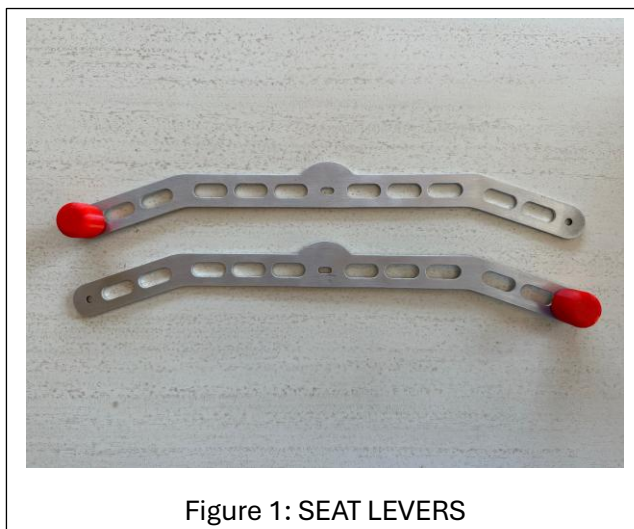


Figure 1: SEAT LEVERS

NOTES:

- 1) The kit can be installed with the seat in the aircraft, but it is easier to do it with the seat removed.
- 2) In the pictures supplied the clevis pin and the AN3 bolt is shown installed from lever side. Both can be can be done from the inside of the seat frame to reduce any chance of damage on the seat material.

INSTALLATION:

Step 1) Punch out the roll pin holding the T-handle in place. If the seat is in the aircraft, undo the T-handle assembly from the seat frame by removing the four bolts in order to reach properly.

Step 2) Install the lever using the supplied Clevis pin, washer and cotter pin as shown in Figure 2 below. The clevis pin goes through the center slot of the lever as shown in Figure 3. You can also leave the T-handle in place and use a #4 screw and nut in place of the clevis pin.



Figure 2: Clevis pin with cotter pin



Figure 3: Slots in levers

Step 3) Attach the knob to the lever using the supplied AN5158R16 screw, washer and AN365 nut.

Step 4) Attach the T-handle assembly to the seat frame if it has been removed.

Step 5) Position the lever up and down to be parallel to the seat frame. Also pull forward on the lever in order for the clevis pin to be at the rear of the slot in the lever.

Step 6) Mark the rear lever hole and drill for an AN3-7A bolt. If working inside the aircraft, you will need an angle drill.

Step 7) Install the AN3-7A bolt, bush, washer, and nut through the rear hole drilled in step 6 as shown in Figure 3.

NOTE: Should you have the newer Vans seats, it might be necessary to remove 1-2mm of material from the bottom of the lever as shown below. This is in order for the lock pin to engage completely. Also note that the knobs has been updated to take a nut.

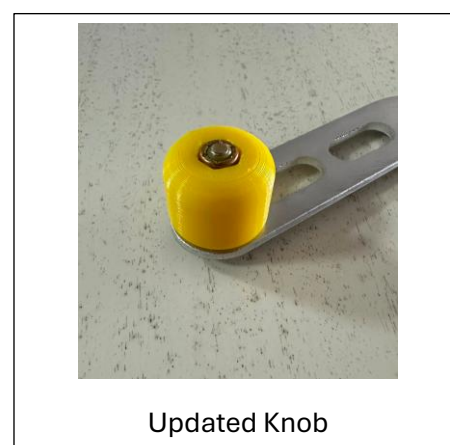


Figure 3: Finished Installation

HAPPY SLIDING