26.3.J Installing the Induction Air Filter

Steps...

1. Install the air induction tube (4867) using an AN5-16A bolt and two AN960-516 washers.

2. Secure the air induction tube to the engine using the hose coupler (4869) and two hose clamps (145-0009 ~~5416K-25~~).

   Tip: You will need to replace the crankcase bolt with a longer bolt (AN5-16).

   Use the existing washers.

3. Drill a 1/2" hole through the left wing baffling.

   Place the hole between the fresh air inlet and the oil cooler door.

4. Install a rubber grommet (MS35489-6) in the hole to prevent chaffing.

5. Bolt down the cable using one of the baffling brackets (FM-3568-042).

   Use a bolt (AN3-4A), washer (AN960-10) and a nut (AN363-1032) to secure the bracket.

6. Build the lever arm assembly. Make sure the arm is back and down as shown in the following picture.

   ◎ Review this photo of the lever arm.

   Use a lever arm (4867-01), a socket-head screw (101-0060 ~~91251A153~~), a washer (AN960-0) and a metal stop nut (MS21042-06).

7. Cut the spacer (4878) to a length that will prevent an extended pull of the cable.

8. Thread the spacer on the bearing rod end (HFC-3).

   The spacer will prevent damage to the butterfly valve inside the induction tube.

9. Bolt the rod end to the lever arm induction assembly.

   Make sure the lever arm groove is facing up and the bolt (AN3-7A) is inserted from the bottom up. The lever must be in alignment with the butterfly valve.

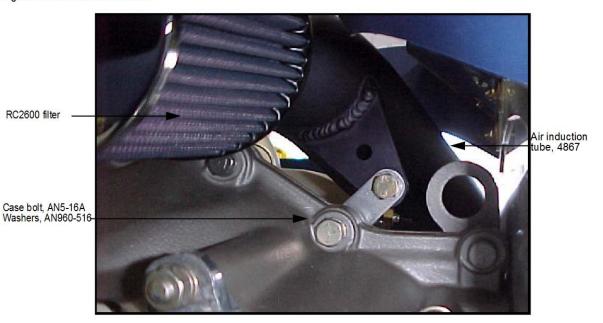10. Install two washers between the bracket and the engine case.

Do not overtighten the bolt through the rod end bearing and arm. If you do, this will lock the open and close movement of the cable.

11. Test the cable by gently opening and closing.

12. Tighten the case bolt to 15-18 ft. lbs.

◎ Review this photo of the control cable location.

Figure 26.3.J.1 Induction air filter

RC2600 filter

Air induction tube, 4867

Case bolt, AN5-16A
Washers, AN960-516