

IMMEDIATE ACTION

SERVICE



BULLETIN

NUMBER 88

October 11, 1946

SUBJECT: RELOCATION OF J3 SCOTT BRAKE CYLINDERS

**MODELS AFFECTED: PIPER J3 SERIES AIRPLANES,
SERIAL #10399 THROUGH 16686**

Due to the many requests we have received from the field, this Service Bulletin is being written to assist the owner in moving the Scott Brake cylinders from a position directly aft of the rear rudder pedals to a new position as shown in the attached sketches, if they so desire.

MATERIAL REQUIRED

- | | |
|---------------------|----------------------------|
| 1 Part No. 10134 | Channel Brake Unit Support |
| 2 Part No. 80012-57 | Bushing |
| 2 Part No. 71061-4 | Flexible Hose Assembly |

1. Drain both brake systems of their fluid.
2. For ease of installation, the front seat assembly may be removed.
3. Remove brake tie rod, shown in Figure 3, from both brakes at the brake cylinder. Disconnect and remove flexible line that is connected to the brake cylinder outlet.
4. Remove both brake cylinders.
5. Rework channel, 10134 as shown in Figure 1, and install as shown in Figure 2. Channel to be laid in place and held only by floorboard. To be attached later by bolts that hold down brake cylinders.
6. Locate and drill holes as shown in Figure 3, using brake cylinder and part 10134 (reworked) as templates to locate holes. (Do not drill hole where foot of brake cylinder falls over fuselage tube.) Figure 2 shows how 10134 would fit if there were no floorboards in the airplane.

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7. Install brake cylinder with attachment bolts as per Figure 3. The bushing, Part No. 80012-57, will be placed between the brake cylinder mounting lug and Part No. 10134 at the point where the floorboard is cut away.

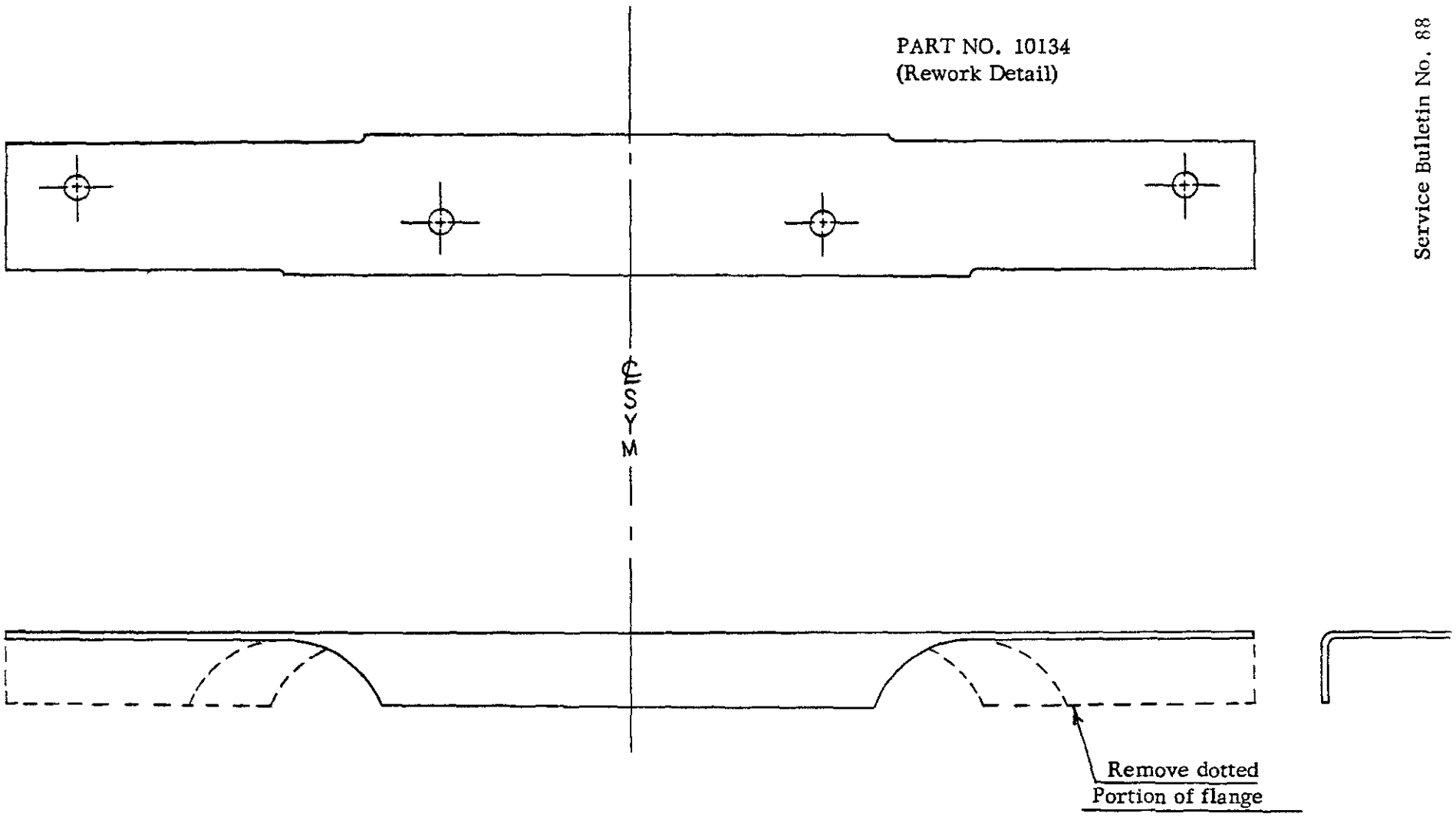
8. Install new flexible hose assembly, Part No. 71061-4.

9. Move brake tie rod to inside of rudder pedals and connect to brake lever on brake cylinder.

10. Install front seat assembly and fill both cylinders with brake fluid.

All materials required to accomplish the movement of the brake cylinders may be obtained through your local dealer or distributor.

PART NO. 10134
(Rework Detail)



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FIGURE 1

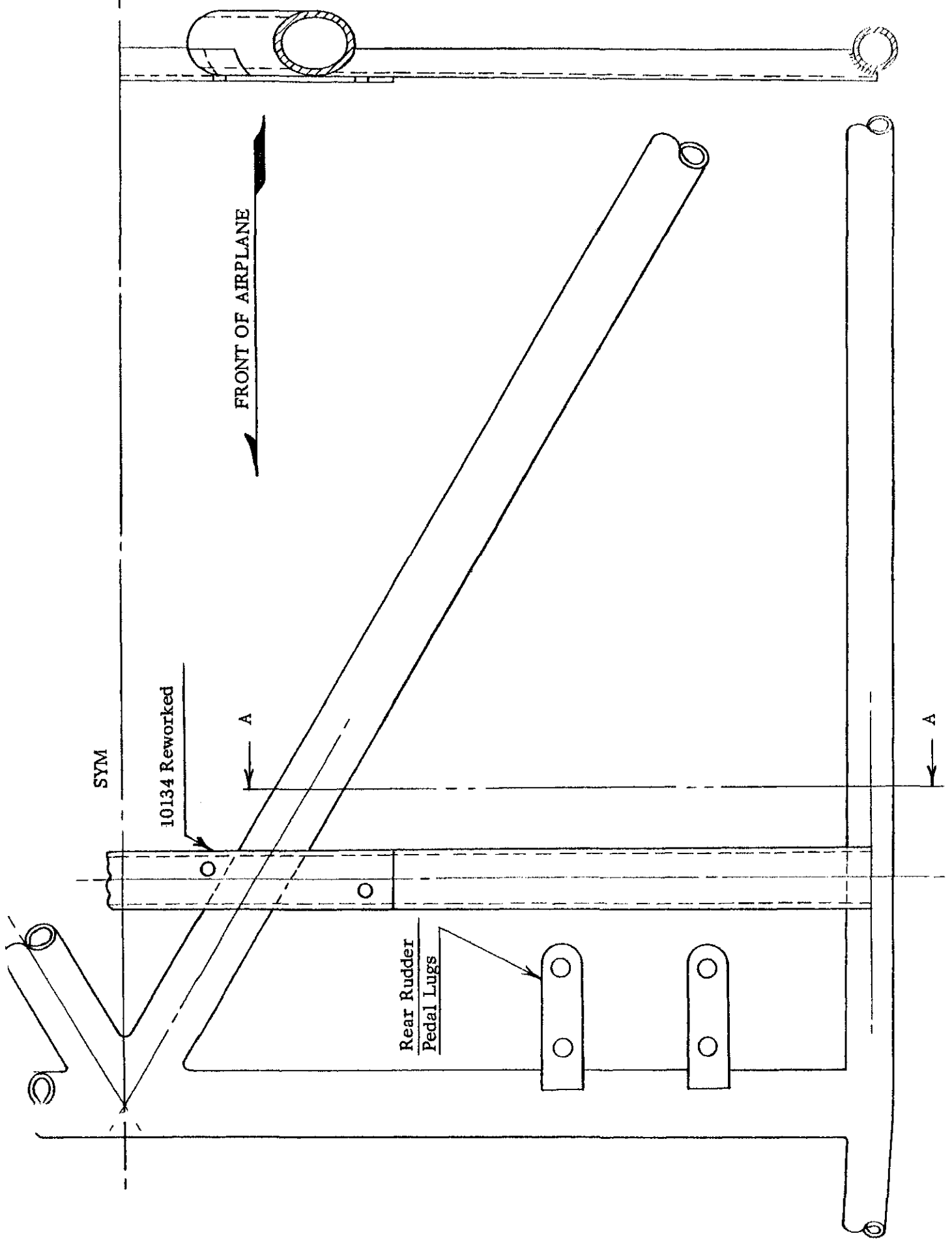


FIGURE 2

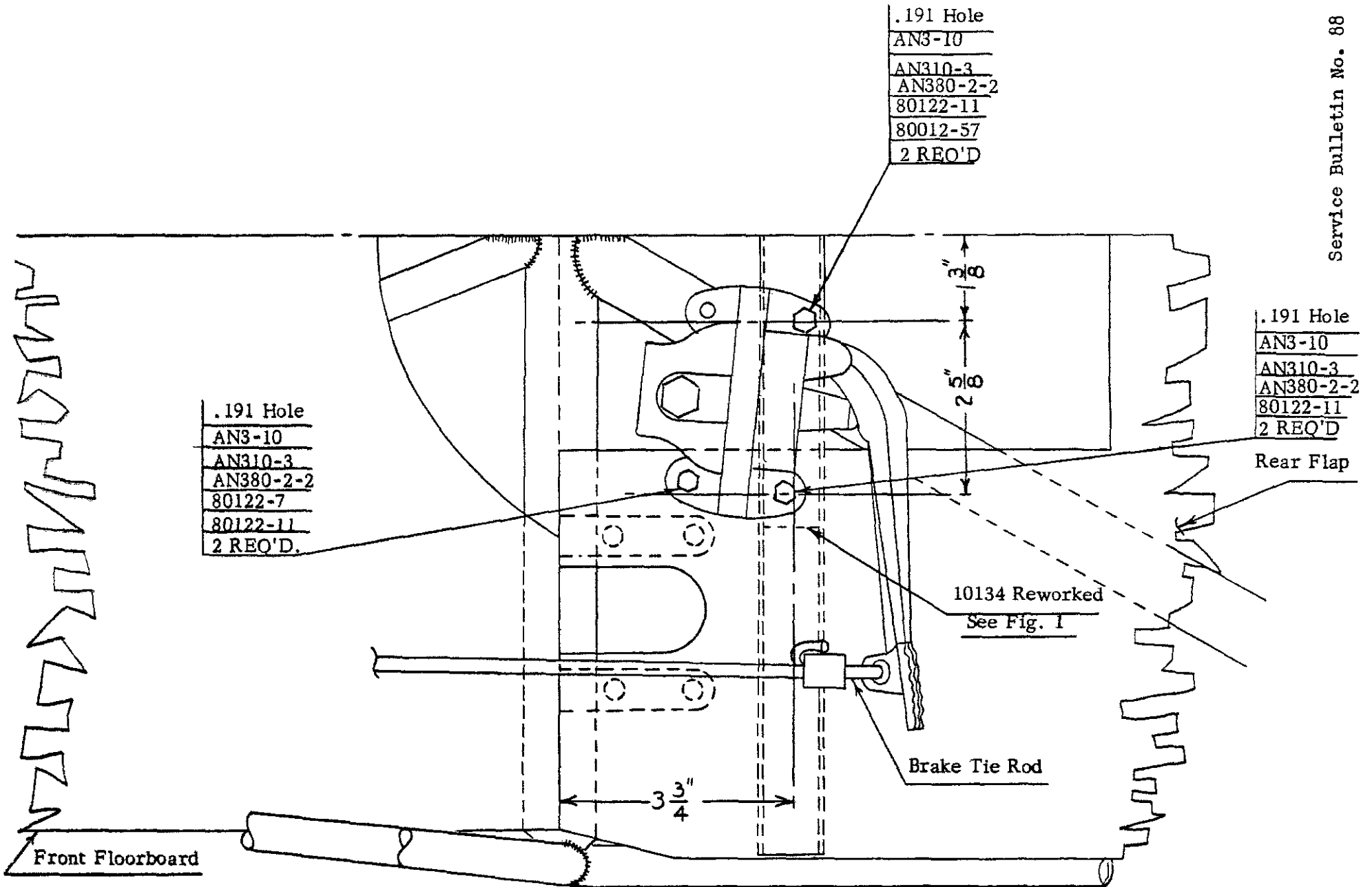


Figure 3

Left Inst. Shown
Right Inst. Opposite