

3. Cap or plug all open lines.
4. With a hacksaw, cut through pipe ripple connecting flow regulator to bottom of shut-off valve, and remove flow regulator, relief valve, and filter from airplane. Remove remaining portion of nipple from shut-off valve.

NOTE: Saw through nipple so hex portion will remain in shut-off valve to provide a wrench grip for removal of fitting from shut-off valve.

5. Drill out three rivets which mount flow regulator bracket to firewall. Remove bracket, enlarge holes in firewall to No. 12 (.189), and plug with three AN3-4A bolts, AN960-D10 washers, and AN365-1032 nuts.
6. Remove flexible hydraulic shut-off control from airplane.

NOTE: Removed clamps and flexible control will be re-used.

B. Layout and drilling of the firewall and dash panel.

See Figure 1 for layout dimensions.

NOTE: The following paragraph numbers correspond to the numbered steps on Figure 1. Hole locations should be marked and checked to be certain they match the brackets to be installed.

1. Drill one 5/16-inch hole through firewall for hydraulic shut-off valve flexible control.
2. Drill one No. 10 (.193) hole through firewall angle for the mounting of the shut-off valve control bracket. Enlarge one existing hole in firewall angle to No. 10 (.193).
3. Drill four No. 10 (.193) holes for mounting of 145-58291 relief valve bellcrank bracket and position switch bracket. The third hole for mounting of the 145-58291 bracket is presently used to secure the electrical wiring to the firewall angle, and must be enlarged to No. 10 (.193).
4. Drill one 7/16-inch hole through firewall for 145-58294 relief valve control rod.
5. Drill four No. 18 (.169) holes through firewall for mounting of 145-58292 relief valve bracket.

NOTE: The above four holes are existing on Airplanes NAV-4-751 and subsequent.

6. Drill one letter "V" (.377) hole in the left-hand dash panel for relocation of hydraulic shut-off control.
7. Drill one 11/16-inch hole in upper left dash panel for position indicating light.