

Loosen large jam nut next to relief valve body, and rotate lifter assembly until it is positioned in correct relationship to relief valve. With plunger depressed the top of the lifter at which operating link rod connects should be pointing away from the side of relief valve to which hydraulic lines attach. After lifter assembly is properly positioned, tighten the large jam nut and safety. This last adjustment is for indexing the lifter with the relief valve, and does not affect the previously adjusted clearance.

6. Install 145-58292 relief valve bracket on firewall, with four AN515-8R8 screws. AN96C-D8 washers, and AN365-832 nuts.

NOTE: 145-54054 starter pedal reinforcement bracket mounts on aft side of firewall with these same screws. Field Service Bulletin No. 27 directs the installation.

7. Install 145-58293 ferrule on dash panel with AN935-616L lock washer and AN924-3 nut.
8. Place 2W1C-13-32-35 fairlead washer on 145-58294 control rod. Slide control rod through 7/16 inch hole in firewall and ferrule previously installed in dash panel. Install AN315-3R jam nut and 145-51061-3 control knob on dash panel end of control rod.

NOTE: The 145-58294 rod, with fairlead washer, must be installed from forward side of firewall. The rod must be positioned near the starter motor before it can be inserted through the firewall. To ascertain this position insert the rod without the fairlead washer, from the aft side of firewall. Pull rod through firewall past starter motor, install fairlead washer on rod, and then push rod back through firewall so rod lies between the control column and right hand aileron cable.

9. Place 145-58298 spring over rod end, and install 145-58297 slotted washer on flattened portion of 145-58294 control rod. Attach control rod to bellcranks with AN392-7 clevis pin, one AN960-4L washer, and one AN380-2-1 cotter pin. Bellcrank will retain 145-58297 washer on rod.

NOTE: 2W1C-13-32-25 washer serves as a seal on the firewall and is held in contact with the firewall by compression of spring thrusting against 145-58297 washer.

10. Connect 145-58290 link from bellcrank to relief valve, using two AN392-7 clevis pins, AN960-4L washers, and AN380-2-1 cotter pins.