

NOTE: If the wing skins interfere with sliding the wings into place, they may be carefully filed/trimmed until the fuselage pins will engage the wing spar. If the stub spar interferes with installation of the wing the stub spar may require local dressing with a file. The stub spars are to be coated with a multipurpose anti-seize paste to prevent fretting/wear (delay until after painting).

Step 1: Align the stub spars in the forward and aft stub spar receptacles as shown in Figure 1. Apply a light coating of general purpose wheel bearing grease to the WD-1217 Fuselage Pins then insert through the bushings in the F-1204 Bulkhead Assembly and into the bushings in the left wing spar, but not protruding aft of the aft surface of the left spar. The fit will be snug. Turning the fuselage pin from side to side while applying pressure will make installation easier.

Step 2: Place the remaining support under the left wing as shown in Figure 1. Take care that the support is aligned with the wing ribs (not between them) to avoid denting the wing skins. The support may alternately be positioned under the optional eye bolt tie-down ring (eye bolts are not included in the kit, but are available from our accessories catalog and other sources).

Step 3: With one person on each end of the right wing, slide the right wing spar over the F-1204M Roller and under the F-1204R Retainer Block on the opposite side. See Page 30-02 Figure 5. Slide the WD-1217 Fuselage Pins through the bushings in both wing spars and latch to the F-1248B Fuselage Pin Latch with the retaining screws facing outboard. The retaining screws should be positioned outboard to prevent them from being depressed accidentally. See Figure 1.

Step 4: Check the gap between the wing skins and the fuselage. A minimum gap of 1/8 inch is required to allow for the VA-204 Seal Strips (installed in Section 33 page 04). Use a file to remove additional material from the wing skins to achieve the 1/8 inch gap.

Step 5: With the support stand positioned under the left wing, and a helper holding the right wing tip, slip the WD-1217 Fuselage Pins out (the F-1204R-L and -R Retainer Blocks will hold the wings in place while removing the fuselage pins) and remove the right wing. Remove the left wing.

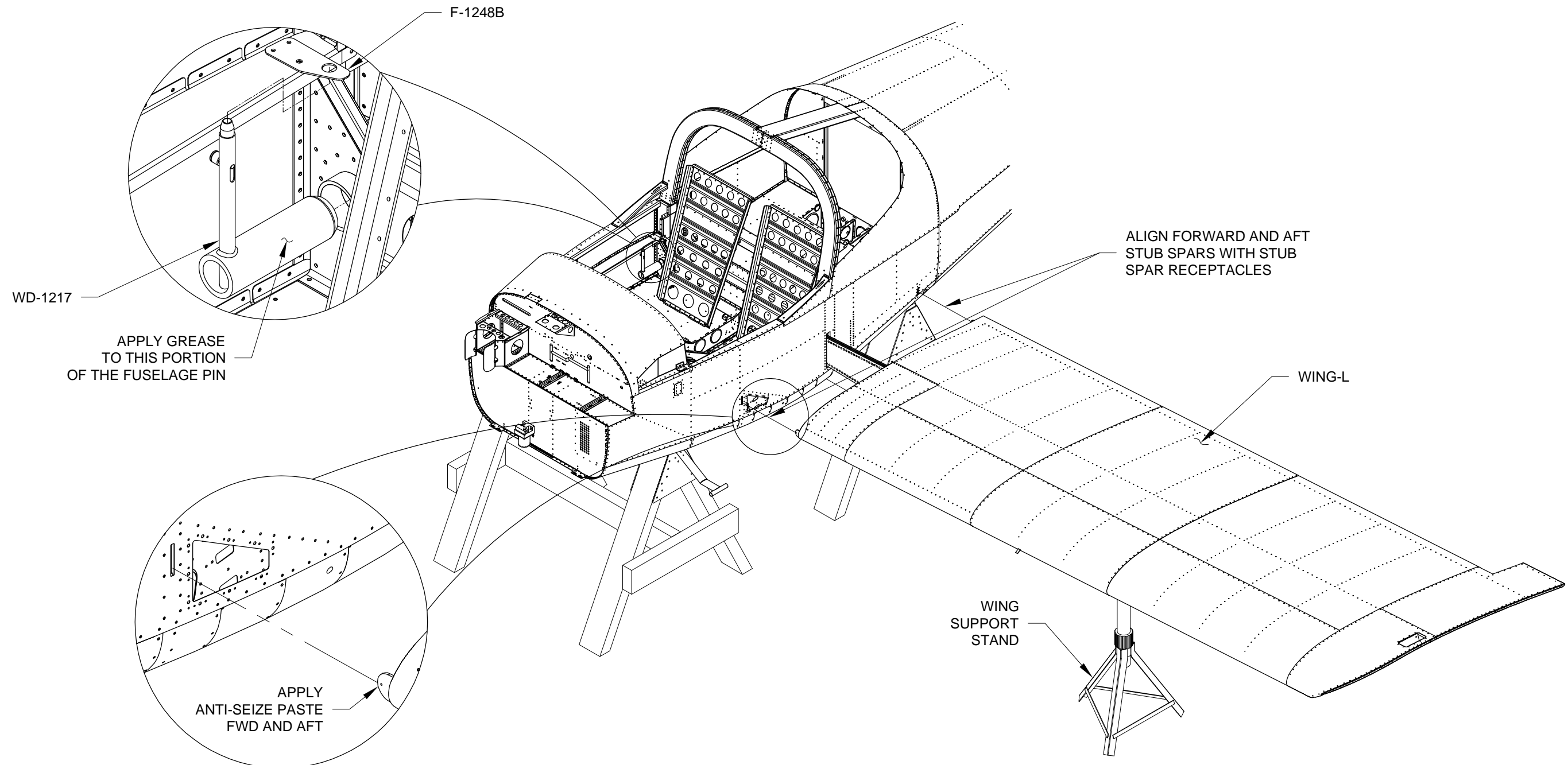


FIGURE 1: WING INSTALLATION (LEFT SHOWN)