1. If your 10' trunk sections (solid or bolt-on cover types) do not have the mounting plates (A) (4" x 116 3/4" lg.) attached, See Figure 1.

2. Weld mounting plates to sides of trunk sections with 1/8" fillet weld (1 1/2" lg.) centered on every eight inches. Bottom of trunk section should be welded the same way with welds centered in between welds on sides. Bottom of trunk section should be welded the same way with welds centered in between welds on sides. Keep mounting plates (with holes down) 3 1/2" below bottom of trunk sections and centered between end flanges. Paint welds with a good grade of exterior type paint.

3. See Figure 2 for proper size and location of trusses required for assembly. 20' trusses are identical. Tapered trusses (9'-5 1/2" lg.) are made with two rights and two lefts. Connect both tapered trusses (D) and main truss (B) and vertical angles together with three 3/8" x 1" hex head bolts, lock washers and nuts. (12 required) Tighten these bolts now. Leave all other bolts loose until complete truss is assembled to trunk sections.

4. Position truss sides as shown in Figure 2. Align holes of the truss sides to mounting plate on trunk section and bolt together using 3/8" x 1" hex head bolts, flat washers (2 per bolt), lock washers and nuts. (42 required)
5. Slide spacer bars (P) (2" x 9 5/16" lg.) in between mounting plates (A) and truss sides and bolt together using 3/8" x 1 1/4" (grade 5) hex head bolts, flat washers and nuts. (22 required) See Figure 3.

NOTE: Location of spacer bars (P), they should be installed in the vertical position. (Narrow part up and down)

![FIG. 3](image)

6. Connect both main trusses (B) together at bottom of both vertical angles (except angles under connecting plates) using two (4" x 13" lg.) cross braces (C) and four 3/8" x 3/4" lg. hex head bolts, lockwashers and nuts per cross brace.

7. Attach bolt lower connecting plates (B) (13" x 13 1/2") to bottom of tapered truss and main truss sides where end vertical angles have been joined together. See Figure 2. Use eight 1/2" x 1 1/4" hex head bolts, lockwashers and nuts to secure each lower connecting plate in place.

8. Tighten all bolts installed in Steps 4 through 8.