

This handout is to be used for the installation of the truss kit only. For installation of, or problems with equipment other than truss kits, refer to the manual(s) pertaining to that product.

6", 8", & 10" TRUSS KITS FOR 40' SPANS

This truss kit is designed to provide support for auger sections up to 40' in length.

ASSEMBLY INSTRUCTIONS (SEE DRAWINGS ON PAGE 2)

- Step 1. Locate the truss bases in the center of the tube that is to be trussed. Fasten the truss bases to the tube with four (4) 5/16" x 2-1/2" long (grade5) hex head capscrews and non-lock nuts.
- Step 2. Place brace angles between the truss bases and attach using 3/8" x 1" long (grade 5) hex head capscrews and nylon locknuts. (See Fig. 1)
- Step 3. Connect truss extension tubes into the truss bases using 3/8" x 2" long (grade 5) hex head capscrews and nylon locknuts.
- Step 4. Position the halfbands with the truss cable anchors the same distance from the truss mount on opposite sides as close to the ends without interfering with other equipment. Attach the halfbands with the truss cable anchors to the underside of the tube using a plain 6" wide halfband and six (6) 5/16" x 1-1/2" long (grade 5) hex head capscrews and nylon locknut per each clamp for 6" Models and six (6) 3/8" x 1-1/2" long (grade 5) hex head capscrews and nylon locknut per each clamp for 8" & 10" Models.



Note: Make sure the two truss cable anchor halfbands with cable loops are fastened together and the two truss cable anchor halfbands with eyebolt anchors are fastened together.

- Step 5. Install the eyebolts through the anchors located on the halfbands. Make sure the eye is pointing towards the truss assembly. Fasten the eyebolt using one flat washer and two (2) non-locknuts onto the end of each eyebolt. (See Fig. 2)
- Step 6. Run cables through the cable anchor loops and fasten the loose end of cable using two (2) 5/16" Cable clamps for each cable. (See Fig. 4)



Note: Secure the u-bolt clamps against the loose end of the cable. (See Fig. 4)

- Step 7. Run the cables to the truss assembly and attach them to the truss sides using 3/8" cable clamps. (See Fig. 3) **DO NOT** tighten 3/8" cables clamps down at this time.
- Step 8. Loop cables through eyes in eyebolts and fasten together using two (2) 5/16" cable clamps per each cable. (See Fig. 2)



Note: Secure the u-bolt part of the clamps against the loose end of the cable. (See Fig. 2)



Note: Truss cable anchor halfbands should be skip welded to the tube to prevent slipping.

- Step 9. Using the eyebolts, tighten the cables to remove slack until cables are tight. Tighten all cables so they have the same amount of tension. **DO NOT** overtighten. Sight down the tube to make sure all sections are straight.
- Step 10. Go back and tighten the 3/8" cable clamps that hold the cables to truss extension tubes.

Figure 2

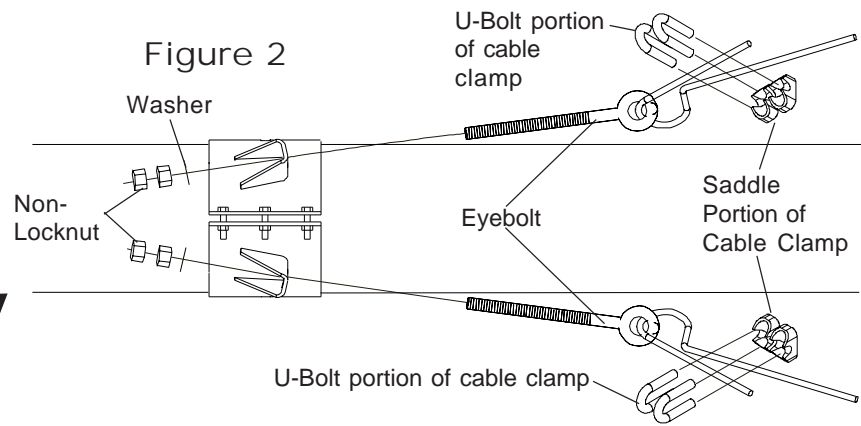


Figure 1

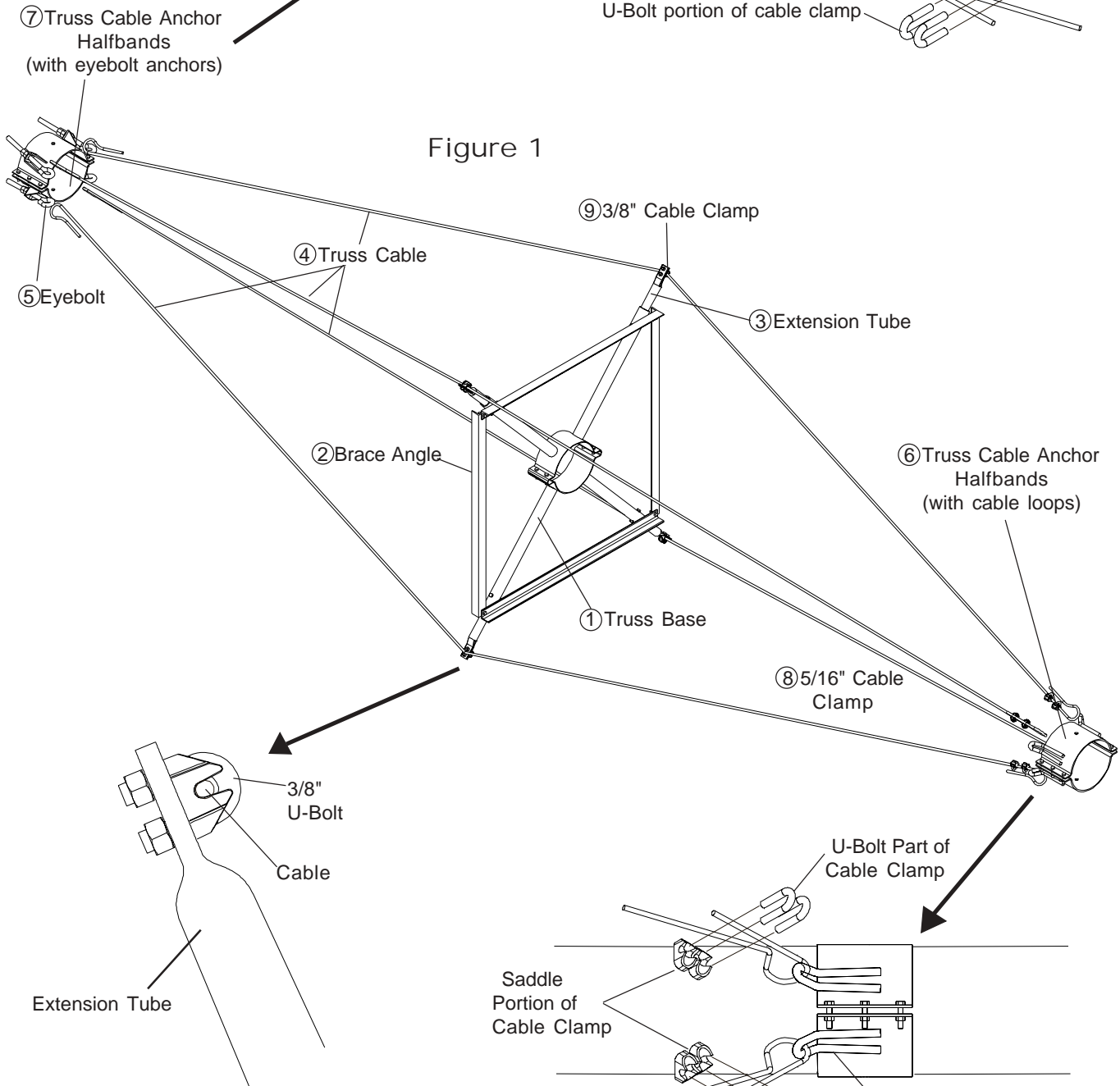


Figure 3

Figure 4

6", 8", AND 10" TRUSS KIT PART LIST FOR 40' SPANS		
REF. NO.	PART NO.	DESCRIPTION
1	---	Truss Bases
	GK4792	for 6" Tube
	GK4770	for 8" Tube
	GK4793	for 10" Tube
2	---	Truss Brace Angle
	GK4794	for 6" - 8"
	GK4795	for 10"
3	GK4796	Truss Extension Tube
4	GK2641	Truss Cable 5/16" x 45'-0" Long
5	GK3107	5/8" Eyebolt
6	---	Truss Cable Anchor Halfband with Cable Loops
	GK4797	for 6"
	GK1183	for 8"
	GK3528	for 10"
7	---	Truss Cable Anchor Halfband with Eyebolt Ears
	GK1030	for 6"
	GK1458	for 8"
	GK1185	for 10"
8	GK2760	5/16" Cable Clamp
9	GK2759	3/8" Cable Clamp