Internal Halyard Commercial Flag Pole Instructions

1. For ease of assembly, the upper and lower cable assemblies have been pre-assembled at our factory.

2. Locate truck with factory installed cable assemblies. (See Ill. #1)

3. Locate lower cable assembly; this will be the cable exiting from the threaded portion of the truck. (See Ill. #2)

4. Using an electrical "FISH TAPE" feed lower cable assembly through the 1-1/2" threaded hole at the top of the flagpole, pull lower cable through entire length of flagpole.

5. A 4" hole with a slotted keyway will be found about 15 ft. from the bottom of the pole. Using extreme caution, reach into this hole, grasp cable and pull about 4 ft. of cable through this hole (See Ill. #2) USE CAUTION, THE EDGES OF THIS HOLE MAY BE SHARP!olini:!

6. You should now have all but a few inches of the lower cable assembly inside of the flagpole, or at the lower end of the flagpole. If this is not the case, then repeat steps 1 thru 5.

7. Screw the truck assembly into the top of the flagpole securely.

8. If steps 1 thru 7 have been satisfactorily completed, then you are now ready to install the WINCH ASSEMBLY.

9. Locate the winch assembly. Remove the cylinder lock keys which are taped to the side of the winch assembly. Remove the hex drive countersunk stainless steel screw from the rear of the winch. Put keys and screw in a safe location. You will have to use them in a later step.

10. To remove the lock from winch, insert key, turn counter-clockwise and pull until the cylinder comes out.

11. Locate cable retaining hole and cable retaining set screw (Ill. #3). With painted surface of winch in left hand and unpainted surface in your right hand, look into window of winch. You will see a 1/8" hole located on right side of the winch drum. This is the cable retaining hole.

12. Take loose end of cable that is protruding from the 4" hole and insert into the cable retaining hole. At this point it is important not to expose any cable on the other side of the drum (See Ill. #3)

13. Locate crank handle. Insert into recess and push in and turn clockwise until cable retaining set screw is exposed.

14. Using appropriate size, align wrench and tighten set screw securely. (Ill. #3)

15. Using a square keyway as a pathway for the 1/8" cable, insert the cartridge into the 4" hole. (See Ill. #4)

16. Locate 1/2" hole which is directly opposite the 4" hole. Align this hole with the hole in the cartridge, insert screw and tighten securely. (See Ill. #5)

17. With cartridge winch properly installed, insert crank into crank socket, push in and turn CLOCKWISE until the upper cable starts to move toward the top of the flagpole.

18. Locate the rubber coated counterweight and attach temporarily to open chain link at loose end of the upper cable.
Internal Halyard Commercial Flag Pole Instructions

ILLUSTRATION 111.43

LOWER CABLE ASSEMBLY FROM
THREADED PORTION OF TRACK

INSERT CABLE HERE

WINCH DRUM

NOTE: NO EXPOSED CABLE

SECURE CABLE
RETAINING SET
SCREW

WELD HOLE

ILLUSTRATION 111.44

TO UNLOCK INSERT KEY AND TURN COUNTER
CLOCKWISE AND PULL OUT CYLINDER

TO LOCK INSERT CYLINDER INTO
RECESS, TURN CLOCKWISE UNTIL SNUG
APPLY SLIGHT PULLING PRESSURE
TURN KEY ABOUT 1/2 TURN COUNTER
CLOCKWISE TO REMOVE KEY