

C AND H CABLE LASHERS CARE AND MAINTENANCE

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1. GENERAL

1.01 This section covers the care and maintenance of the C Cable Lasher and the H Cable Lasher. The H Cable Lasher, which utilizes narrow-groove drive wheels to provide sufficient traction on 6.6M suspension strand, in addition to the other strand sizes, replaces the C Cable Lasher. Since only the drive wheels of the two lashers differ, the lubrication and maintenance as covered in this section applies to both lashers.

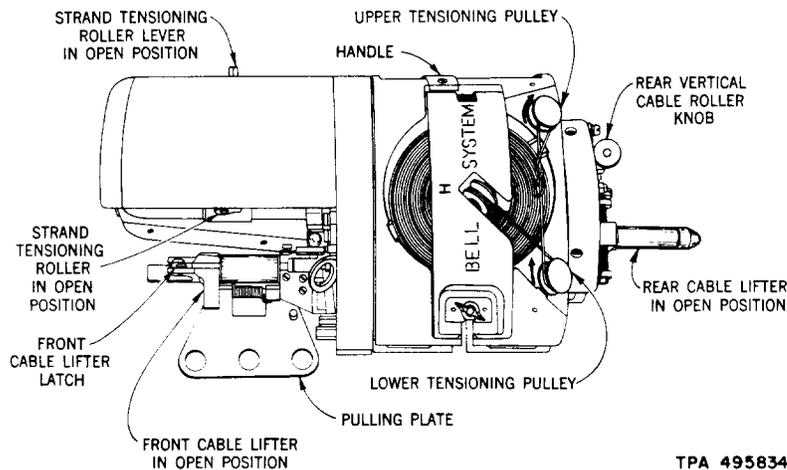
1.02 This section is reissued to add reference to the H Cable Lasher.

1.03 The C Cable Lashers currently in use may be returned for routine overhaul, modification for use on 6.6M suspension strand, or both. When modified, the C Cable Lashers will be stamped to indicate that they have been modified for use on 6.6M suspension strand.

2. DESCRIPTION

2.01 The H Cable Lasher (Fig. 1, 2, and 3) is used to secure aerial cables of 1-1/2 inches and less in diameter to 6.6M, 6M, 10M, and 16M suspension strands with a spiral lashing of 045 C Steel Lashing Wire. The lasher consists essentially of a rotatable drum supported on a carriage that provides the mounting for a driving mechanism, cable lifters, cable and strand rollers, and a brake. A 5-foot bridle equipped with snap hooks at each end and a floating ring are furnished with the lasher.

2.02 The lasher has two lashing wire magazines and tensioning pulleys for tensioning the wire. The coils of lashing wire are held stationary, and the wire is fed from the center (inside end) of the coil through a throated hole before it is threaded around the tensioning pulleys.



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Fig. 1—H Cable Lasher—Left Side View

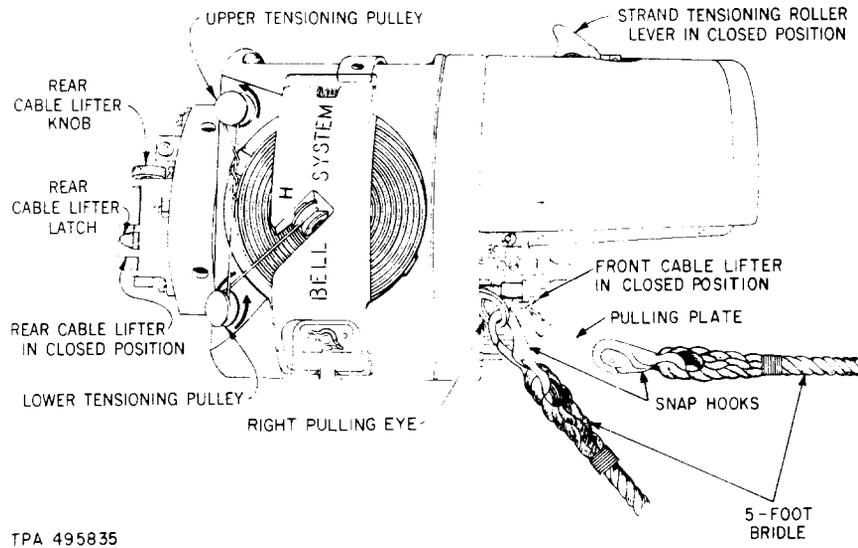


Fig. 2—H Cable Lasher—Right Side View

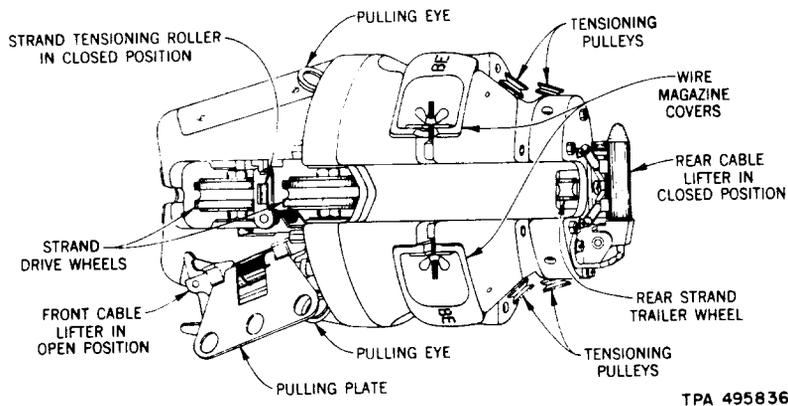


Fig. 3—H Cable Lasher—Bottom View

2.03 Two strand drive wheels (rubber-cored) are mounted in the forward part of the carriage and a small trailer wheel is located in the rear of the carriage.

2.04 The rear cable lifter is adjustable vertically, when open or closed, by turning a knurled knob. The rear cable lifter is opened by pressing the latch and swinging the roller to the open position. The rear vertical cable rollers are adjustable by turning a knurled knob. See Fig. 4.

2.05 The front cable lifter is not adjustable vertically. The front cable lifter is opened by pressing the latch lever and swinging the roller to the open position. When the front cable lifter is in the open position, the drum locks automatically when its cable slot registers with the cable slots in the carriage. The drum is released when the front cable lifter is closed.

2.06 The towing link may be attached to one of the three holes in the pulling plate and to

one of the eyes on the front of the carriage. Choice of holes and eyes depends on the angle of the towing line with respect to the suspension strand.

2.07 The lasher is equipped with an automatic ratchet-type brake which operates against the rear strand drive wheel. When the front cable lifter is open, the brake is released. When the front cable lifter is closed, the brake is released by backward movement of the pulling plate against its stops.

3. LUBRICATION

3.01 The following parts require *monthly* lubrication with S. A. E. 10 or 20 automotive engine oil. Lubricate more frequently during periods when the lasher is in constant use. Wipe lasher free of excess oil. See Fig. 5 and 6.

(a) Shaft and vertical post of strand tensioning roller

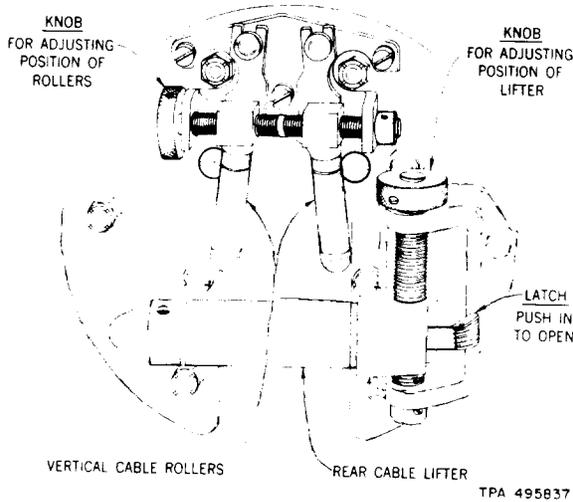


Fig. 4—H Cable Lasher—Rear View

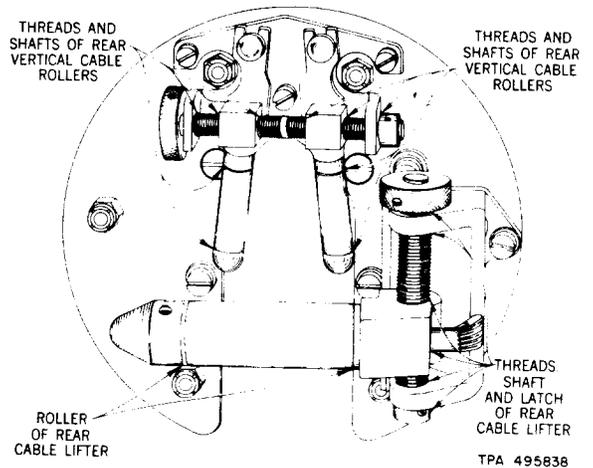


Fig. 5—H Cable Lasher—End View Showing Lubrication Points

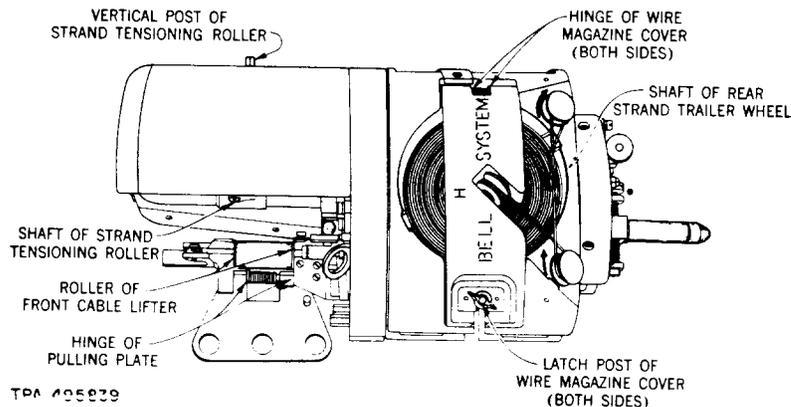


Fig. 6—H Cable Lasher—Side View Showing Lubrication Points

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- (b) Shafts and threads of rear vertical cable rollers
- (c) Threads, shaft, latch and roller of rear cable lifter
- (d) Shaft of rear strand trailer wheel
- (e) Post and roller of front cable lifter
- (f) Hinge of pulling plate
- (g) Latch post and hinge of wire magazine cover.

4. CARE

4.01 The C Cable Lasher Case is provided to protect the lasher when not in use. The lasher should be transported in its carrying case.

4.02 Precautions should be taken to keep dirt, grit, and other foreign materials from the lasher mechanism. The lasher should never be set on the ground.

4.03 All screws and nuts should be kept tight.

5. REPAIRS

5.01 If repairs or replacements are required, the lasher should be returned in its carrying case in accordance with local instructions.

5.02 Rubber cores of the strand drive wheels require replacement when worn to the point where the strand tensioning roller in the engaged position does not make contact with 6.6M suspension strand.