

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G52.123.7
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PRELASHING

MAINTENANCE OF EQUIPMENT

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1. GENERAL

1.01 This section covers the care and maintenance of the equipment used with the E Cable Lasher. Part of the information covered in this section was formerly carried in Addendum G52.123.1 which is cancelled.

1.02 Replacement parts available and general information covering the maintenance of the equipment is covered in this section.

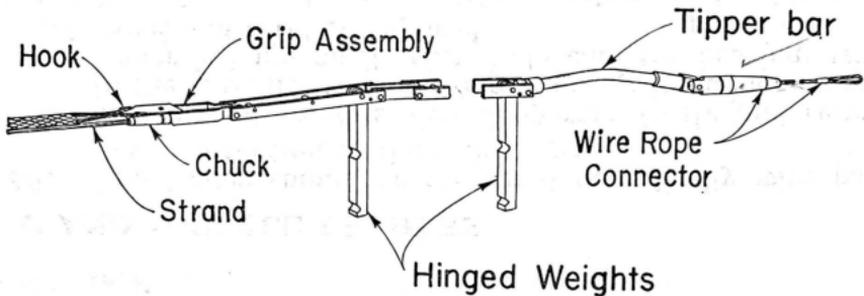
2. C AND D CABLE LEADERS

2.01 The leader should be inspected periodically with particular attention to the following:

(a) The hinged weights should operate freely and return to the extended position under spring force alone when the leader is lying on its side. Lubricate the bearings with #40 SAE motor oil as required.

(b) Examine the frame, weights, springs and cable connectors for broken welds, cracks, loose or worn rivets or any deformation. If any doubt exists as to the serviceability of the leader it should be returned for repair in accordance with local practices.

(c) (C Leader) Examine the eye, wire rope at or near the swaged fitting of the wire rope connector. If there is any evidence of wear at the connector or if the wire rope fails to meet the minimum requirements set forth in the Wire Rope sections, a replacement wire rope connector should be obtained and installed.

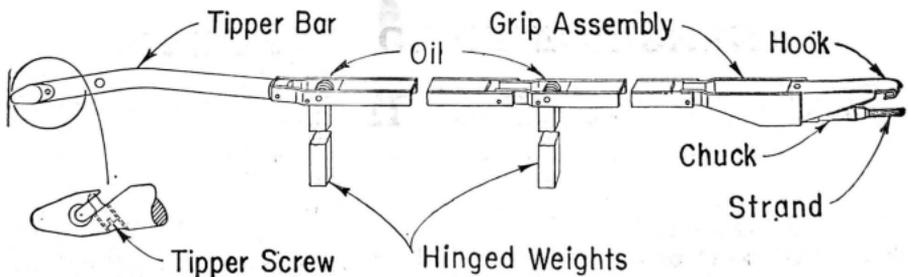


C CABLE LEADER

(d) At the start of each pull and the load is applied, examine the strand and the chuck for any evidence of slippage. If slippage is observed, stop the pull and replace the chuck. With careful handling chucks may be used 25 times before requiring replacement.

2.02 Replacement parts available for the D Cable Leader are:

- 6M Chuck
- 10M Chuck
- Chuck Adapter
- Tipper Screw

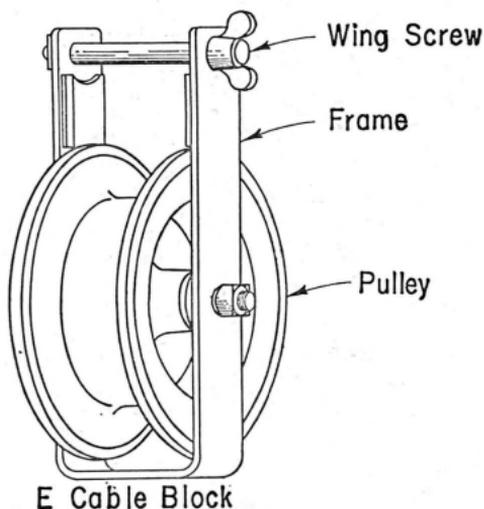


D CABLE LEADER

3. E CABLE BLOCK

3.01 Before using the blocks and frames they should be checked as follows:

- (a) The pulley of the E Cable Block should be clean and should rotate freely. When necessary, remove the pulley from the frame, clean the bearings and lubricate by packing with light cup grease before reassembling. Should the rubber become worn off, the pulleys should be returned for repair in accordance with local instructions.
- (b) Examine the cable block frame for broken welds, cracks or deformation.
- (c) All parts shall be free of sharp edges and projections.
- (d) Sharp edges, burrs, etc., may be removed with a file.
- (e) It shall be possible to turn the wing screw into the nut by the fingers.

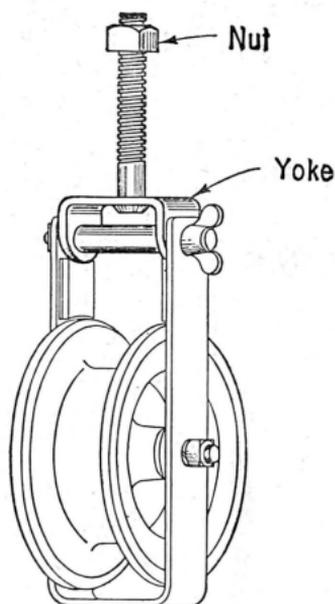


3.02 Replacement parts for the E Cable Block are:
Pulley
Wing Screw

4. B, C, D, E, AND F CABLE BLOCK FRAMES

4.01 Before using the Cable Block Frames they should be checked as follows:

- (a) All welds should be sound and free from cracks or checks.
- (b) Moving parts should swing freely with no binding.
- (c) No sharp edges or projections should be present.
- (d) Sharp edges, burrs, etc., may be removed with a file.
- (e) Nut shall fit screw on yoke assembly so that it can be easily turned by the fingers.
- (f) Frames with broken welds, bent or cracked tubing and frame members should not be used. Return defective frames in accordance with local instructions.
- (g) The threads of the yoke screw shall be lubricated occasionally with #40 SAE motor oil.

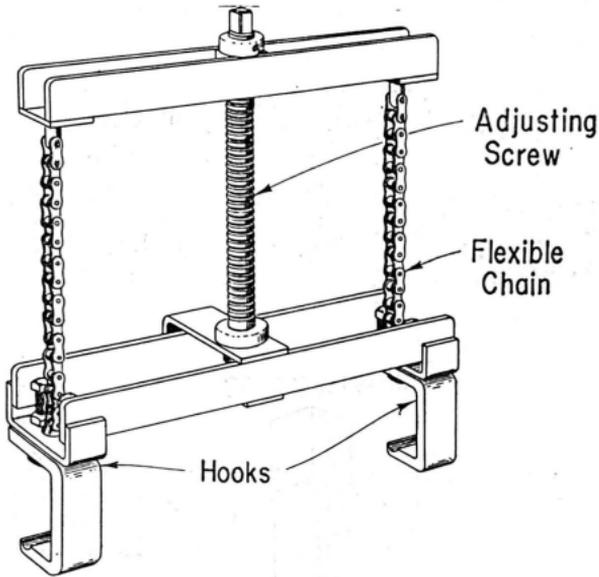


4.02 Replacement parts for the Cable Block Frames are:
Yoke (with nut)
Nut

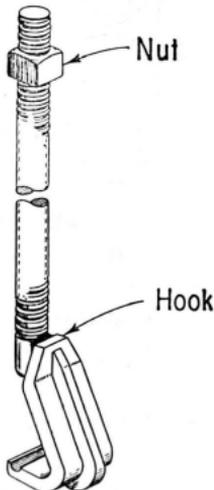
5. D AND E STRAND SHIFTERS

5.01 The strand shifters should be inspected before using:

- (a) Examine for cracks, broken welds or deformation of parts.
- (b) Threaded take up members and flexible chain should be clean and lubricated occasionally with #40 SAE motor oil.



D STRAND SHIFTER



E STRAND SHIFTER
(2 required)

5.02 Replacement part for E strand shifter is:
Nut

5.03 Replacement tools available for use with the strand shifters are:

Socket Wrench
Ratchet Wrench (not shown)



Socket Wrench