

## R-3953 CABLE REEL CARRIER

### DESCRIPTION AND USE

#### 1. GENERAL

**1.01** This section covers the R-3953 Cable Reel Carrier which is used during installation and removal of inside wiring.

**1.02** The R-3953 Cable Reel Carrier is used as both a cable reel carrier and a cable reel support for the 308, 309, and 310 reels. The use of this tool will eliminate the former two person operation, ie, one to take care of the reel and one to carry the "A" frame to the work location.

**1.03** The R-3953 Cable Reel Carrier permits the handling of a 900 lb safe load while reducing the hazards of injury to personnel or damage to equipment.

**1.04** The R-3953 Cable Reel Carrier supersedes and is interchangeable with the R-2704.

#### 2. DESCRIPTION

**2.01** The R-3953 Cable Reel Carrier is a hand truck which holds and transports the cable reel on a pipe mandrel (Fig. 1). It is designed to be used in customers' buildings to prevent damage to flooring and to make handling of cable reels easier.

**2.02** *Construction:* The truck frame is made from 1 inch arc welded steel pipe. The fork tines are made from 2 x 3 x 3/16 inch angle iron. The two wheels are 8 inches in diameter, with molded-on rubber tires. Hubs are heavy duty equipped with grease fittings.

**2.03** The truck is equipped with replaceable black rubber hand grips, heavy duty vinyl floor rest bumpers and heavy duty cable reel support bumpers. The truck comes equipped with a 3/4-inch pipe mandrel.

**2.04** The height of the R-3953 Cable Reel Carrier is 62-1/2 inches and the overall width is 26 inches. It weighs 75 lbs.

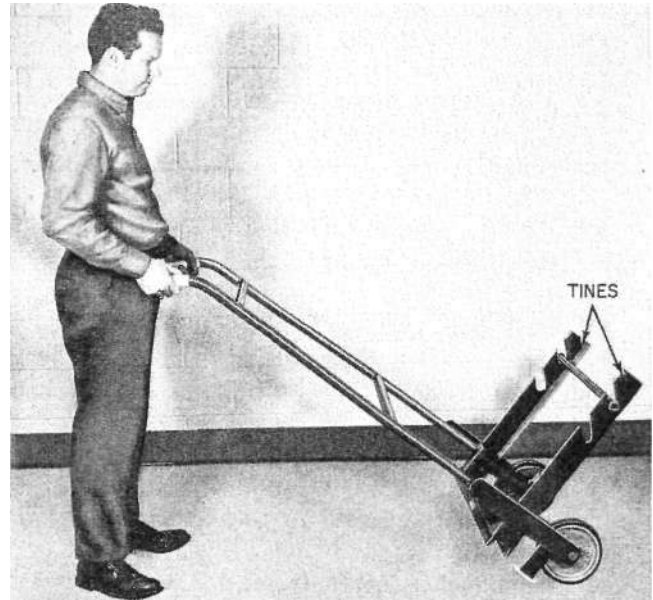


Fig. 1—R-3953 Cable Reel Carrier

#### 3. PRECAUTIONS

**3.01** It is essential that the reel is in proper alignment and level before the start of cable placing or removing operations.

**3.02** A reel of cable may weigh several hundred pounds. Therefore, its movement must be controlled at all times when loading, moving, or unloading the carrier.

#### 4. USE

**4.01** Before loading the Cable Reel Carrier, locate the cable reel on an accessible, level surface. Make sure there is sufficient room to maneuver the loaded carrier.

4.02 The R-3953 Cable Reel Carrier is loaded as follows:

- (a) Insert the mandrel through the center holes in the reel.
- (b) Approach the cable reel with the truck handle in nearly vertical position, with one of the angle iron tines on each side of the reel and below the mandrel.
- (c) Make sure the mandrel extends approximately equal distance from each end of the cable reel and the reel is centered between the tines.
- (d) Pull back on the handles of the carrier until the mandrel engages the slots in the tines.
- (e) Pull back on the handles until the reel is clear of the floor, using care to prevent the truck from rolling. Continue to pull back on the handles until the truck is balanced (Fig. 2). This is the carrying position.
- (f) Transport the reel to the desired location.
- (g) To dispense cable from the reel the truck handles are placed on the floor (Fig. 3).

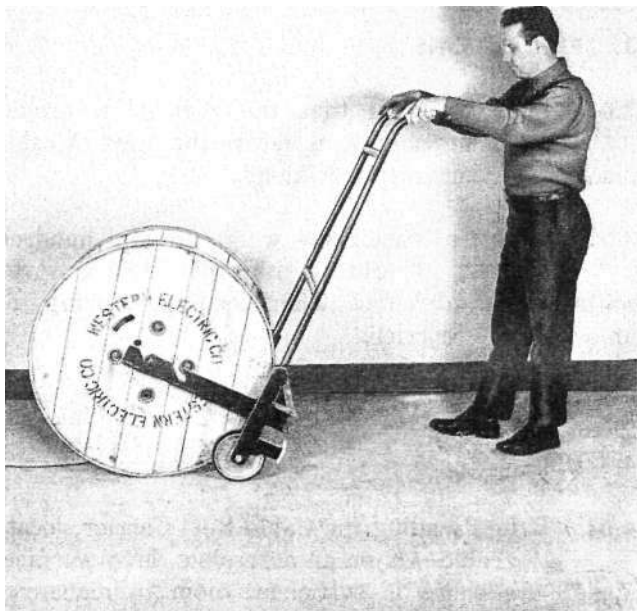


Fig. 2—Wheeling Position

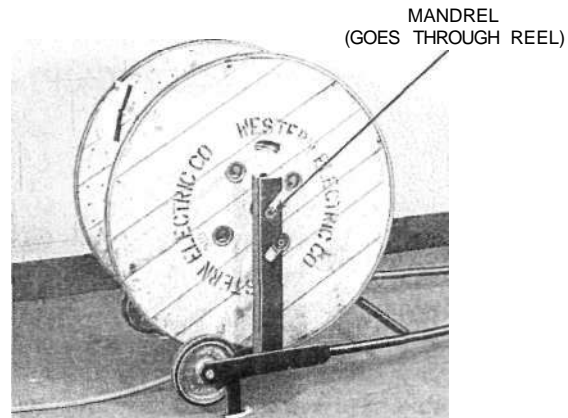


Fig. 3—Unreeling Position

## 5. MAINTENANCE

- 5.01 It is expected that no maintenance will be required in the field.
- 5.02 Maintenance and inspection requirements on items returned from the field are
  - Replace worn handgrips and bumpers.

*Note:* These parts may be ordered from Harper Truck Co., Wichita, Kansas, as follows:

## DRAWING NUMBER P-3953

| Detail No. | Description                                 |
|------------|---|
| 2          | Grip, hand, yellow vinyl                    |
| 3          | Bumper (floor rest) heavy duty yellow vinyl |
| 4          | Bumper (top) heavy duty yellow vinyl        |

- All welds should be inspected.
- Lubricate wheels as required.

Use LINCOLN ENGINEERING CO. NO. 5958 grease gun or equivalent and LUBRIPLATE grease.