

INTERRUPTERS—KS-15634 AND KS-15757 TYPE REQUIREMENTS AND ADJUSTING PROCEDURES

1. GENERAL

1.001 This addendum supplements Section 163-220-701, Issue 6. The attached pages must be inserted in the section in accordance with the filing instructions above.

1.002 This addendum is issued to correct information shown in Fig. 1—KS-15634 L1 Interrupter (Holtzer-Cabot Interrupter Shown).

Attached:

Page 1 dated August 1969, revised.

Page 2 dated August 1969, reissued.

1. GENERAL

The following changes apply to Part 1 of this section:

(a) Fig. 1—revised

INTERRUPTERS—KS-15634 AND KS-15757 TYPE REQUIREMENTS AND ADJUSTING PROCEDURES

1. GENERAL

1.01 This section covers the KS-15634 L1 through L6, and L8 and KS-15757 L1 ac motor-driven interrupters used in ringing power plants.

1.02 This section is reissued:

- (a) To change the timing requirements for the KS-15634 L8 interrupter
- (b) To incorporate additional information for cleaning and lubrication
- (c) To delete reference to KS-15634 L7 interrupter which has been replaced by the KS-15634 L8 interrupter.

1.03 The KS-15634 and KS-15757 motor-driven interrupters have a single-phase synchronous capacitor-type 115-volt, 60-Hz, 1800-rpm motor which drives an interrupter camshaft through a gear train enclosed in the gear box. The interrupter shaft of the KS-15634 L1, 2, 4, 5, 6, and 8

interrupters is driven at 10 rpm and provides a 6-second ringing cycle. The shaft of the KS-15634 L3 and KS-15757 L1 is driven at 7.5 rpm and provides an 8-second ringing cycle. Fig. 1 shows the KS-15634 L1 interrupter. Fig. 2 and 3 show the KS-15757 L1 interrupter.

1.04 Reference shall be made to Section 020-010-711 covering general requirements and definitions for additional information necessary for the proper application of the requirements listed herein.

1.05 *Asterisk (*)*: Requirements are marked with an asterisk when to check for them would necessitate the dismantling or dismounting of the apparatus or would affect the adjustment involved or other adjustments. No check need be made for these requirements unless the apparatus is made accessible for other reasons or its performance indicates that such a check is advisable.

1.06 Before starting work on the interrupter, disconnect the power supply in any convenient manner to avoid unexpected starting.

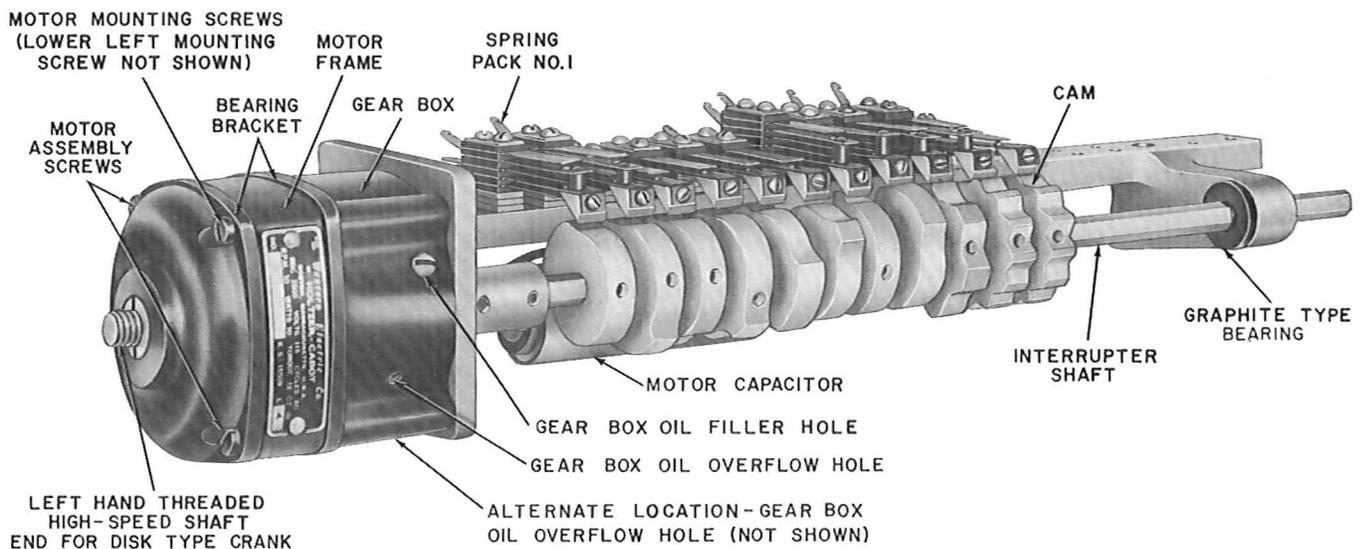


Fig. 1—KS-15634 L1 Interrupter (Holtzer-Cabot Interrupter Shown)

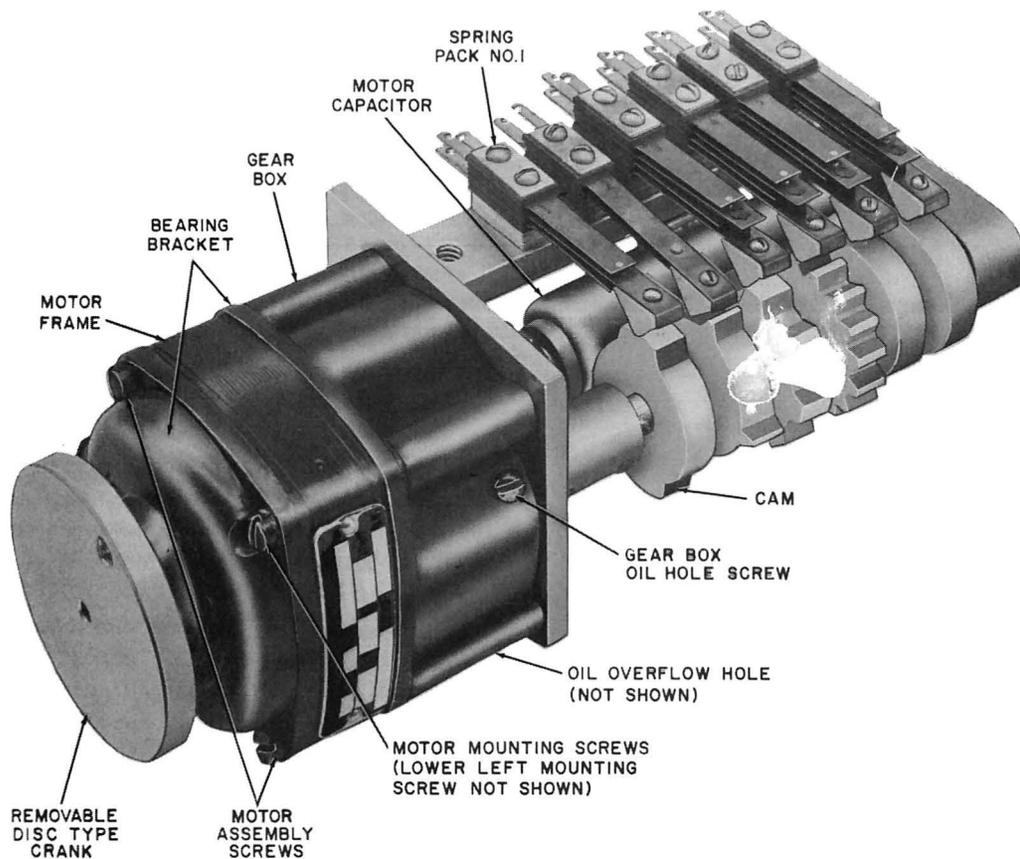


Fig. 2—KS-15757 L1 Interrupter (Holtzer-Cabot Interrupter Shown)

Caution: These interrupters are shipped by the manufacturer with no oil in the gear box. Upon installation make sure that the gear box is lubricated in accordance with requirement 2.02(a).

2. REQUIREMENTS

2.01 Cleaning: Contacts and other parts shall be cleaned when necessary.

Gauge by eye.

2.02 Lubrication:

(a) **Gear Box:** If the interrupter gear box has been in storage or out of service for more than one year, it shall be cleaned with KS-7860 petroleum spirits and lubricated with KS-16326 L1 oil at the time of installation. If the interrupter is new or has been out of service less than one year, it shall be lubricated, without

cleaning, at the time of installation. The interrupter gear box shall be lubricated annually. When lubrication is required, oil shall be added so that it will just flow out of the overflow hole.

(b) **Motor Bearings:** The motor bearings shall not be lubricated.

Note: Noisy or otherwise defective motor bearings shall be replaced as covered in Section 163-220-801.

(c) **Interrupter Shaft Bearing:** Add 2 drops of KS-16326 L1 oil, using the KS-14796 oiler, to the interrupter shaft at the interrupter shaft bearing annually. Wipe off any excess oil thoroughly. This interval may be extended if periodic inspection has indicated that local conditions are such as to ensure that the interrupter will be adequately lubricated during the extended interval.