I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

TYPE 7.5 & 15HK MODEL INT "02"

COMPILED	CH'D.	APP.
DATE 10-16-62	DATE	DATE Nov 15 '63

SPEC. NO. TD-6202

SECTION J

PAGE 1 OF 2

REV. 1

*

TRIP (OR CLOSE) DEVICE

1. General

   a. The armature shall move freely through its entire operating stroke.

   b. Operating coils shall be as indicated on Service labels.

2. Lubrication

   a. Lubricate pivot bearings with Anderol 757 compound as shown in Fig. J-1.

3. Electrical

   a. Operating range of trip (or close) device at various nominal voltages shall be within voltage range indicated in preceding Table I.

REVISIONS

1	ECN#2388; ANDEROL 757 WAS L-798. M.K.S. 11-7-91

*=TEST ACTIVITY CODE

E=EACH DEVICE M=MONTHLY
W=WEEKLY 3M=QUARTERLY
2W=BIWEEKLY

I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

TYPE 7.5 & 15HK MODEL INT "02"

COMPILED	CH'D.	APP.
DATE 10-16-62	DATE	DATE Nov 15 '62

SPEC. NO. TD-6202

SECTION J

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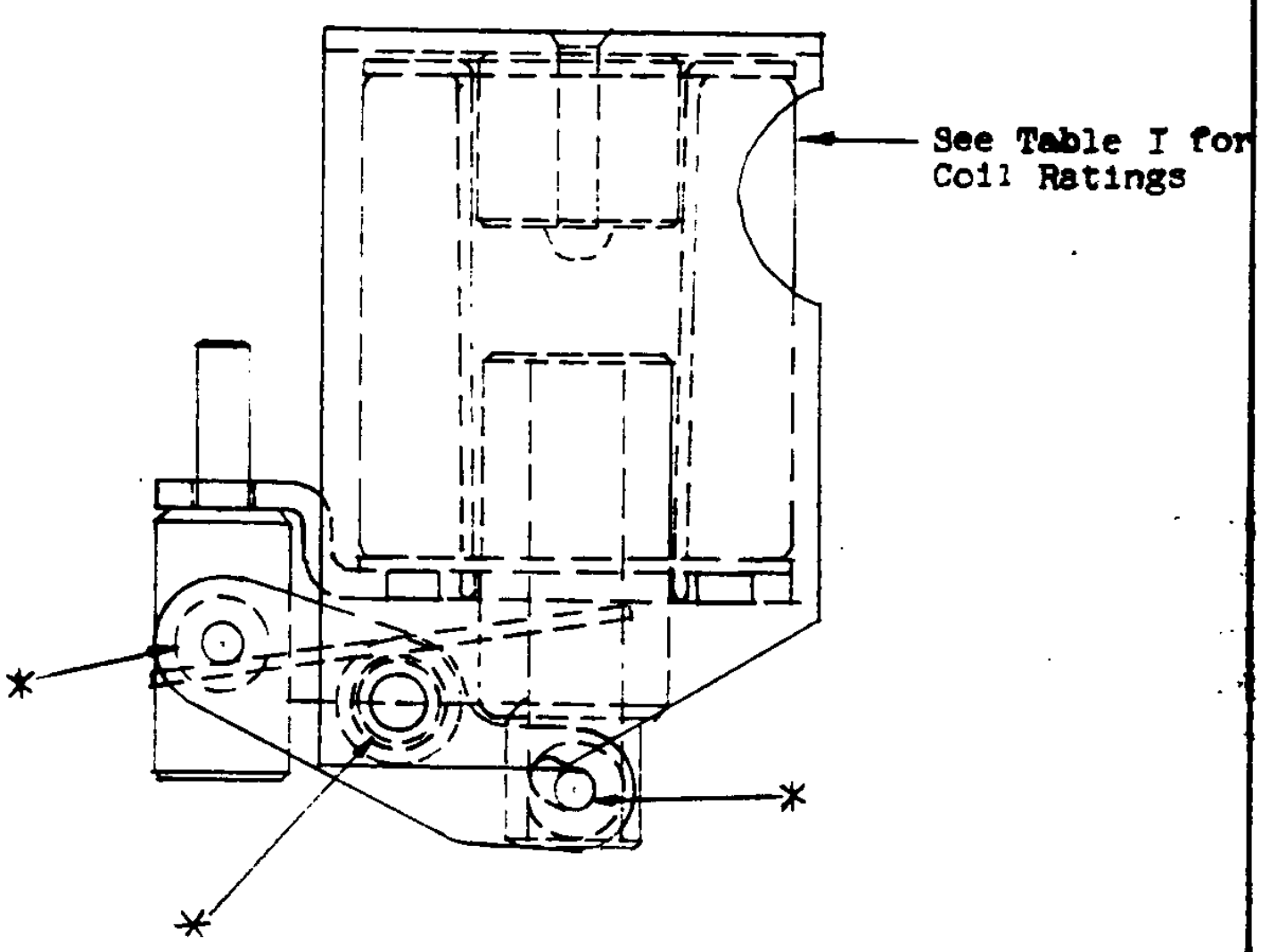
REV. 1

TRIP (OR CLOSE) DEVICE (Continued)



*Lubricate with Anderol [illegible] compound.

FIG. J-1

REVISIONS

1	ECN# 2388; ANDEROL 757 WAS L-798 M.K.J. 11-7-91

*TEST ACTIVITY CODE

E = EACH DEVICE M = MONTHLY
W = WEEKLY 3M = QUARTERLY
2W = BIWEEKLY

I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

SPEC. NO. TM-6201

SECTION II

PAGE 1 OF 1

REV. 1

TYPE 7.5 & 15HK MODEL TYPE "02"

COMPILED	CH'D.	APP'D.
DATE 10-16-63	DATE	DATE Nov. 15, '63

LUBRICATION

1. Pins, shafts, bearings, etc.

   Coat with Anderol 757 compound. Wipe off excess after assembly.

2. Latch surfaces, exposed roller and cam surfaces.

   Apply thin coating of Anderol 757 compound.

3. Gears purchased not lubricated.

   Apply thin coating of Anderol 757 compound.

4. Apply thin coating of NO-OXID special Grade "A" compound to joint between ground bus and breaker support channel or frame.

5. Contact surfaces other than arcing and main contacts shall be lubricatmd with NO-OXID special Grade "A" compound.

REVISIONS
1 ECN 2188: ANDEROL 757 WAS
1-78. M.K.S. 11-7-91

CIRCUIT ACTIVITY CODE
H = EACH DEVICE M = MONTHLY
W = WEEKLY 3M = QUARTERLY
B = BIWEEKLY

I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

NO. 7D-620

SECTION 7

PAGE 2 OF 5

REV.

TYPE 7.5 & 15HK MODEL INT "02"

COMPILED	CH'D.	APP.
DATE 10-12-63	DATE	DATE Dec. 15, '63

TRUCK - FRAME (Continued)

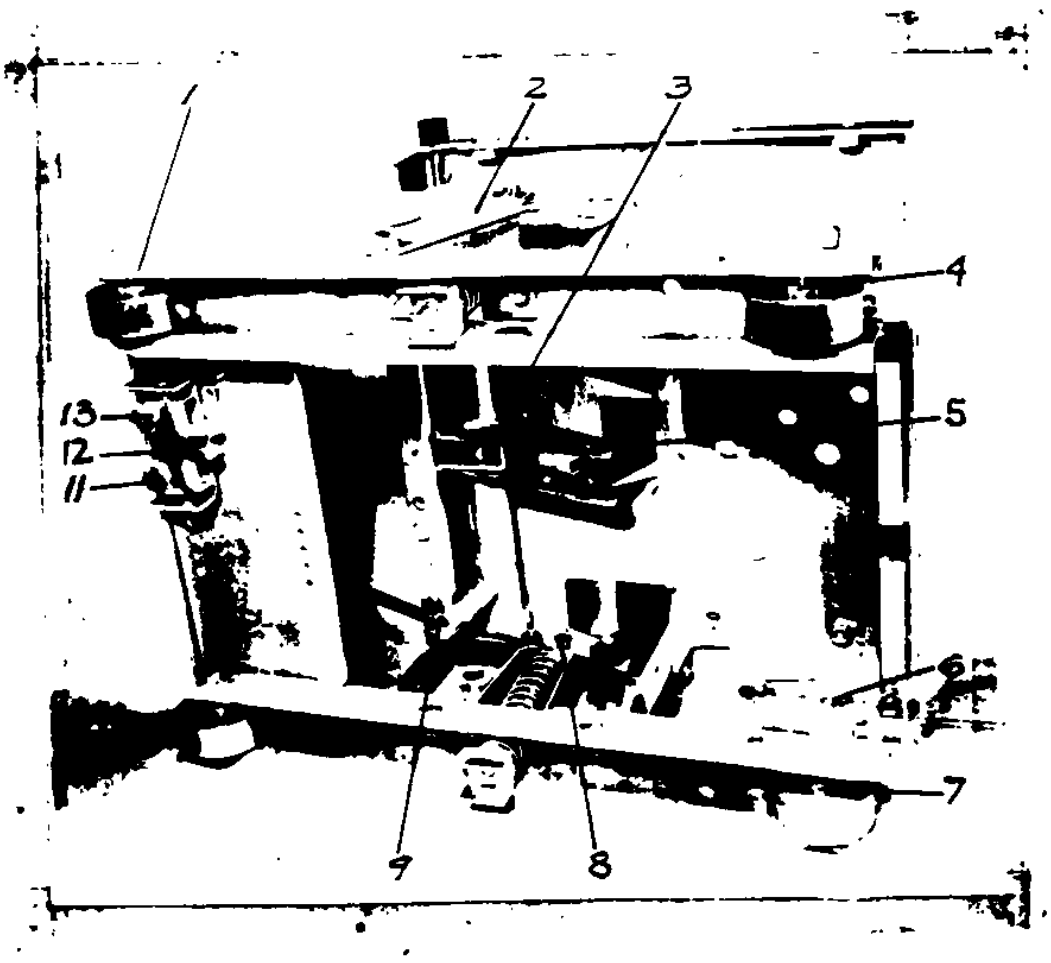


FIG. F-1

Lubricate with Anderol compound.

1 - Wheel Pin
2 - M.O.C. Actuator
3 - Jack Shaft Pin
4 - Wheel Pin
5 - Jack Shaft Pin
6 - Lock Out Plate
7 - Wheel Pin
8 - Opening Spring Hook (RT & Left)
9 - Aux. Sw. Lever
10 - Wheel Pin

Lubricate with NO-OXID compound.

11 - Ground Connection Pivot
12 - Ground Connection
13 - Ground Connection Pivot

REVISIONS
1 ECN# 2388; ANDEROL 757 WAS L-748. M.K.S. 11-7-91

* = TEST ACTIVITY CODE
E = EACH DEVICE M = MONTHLY
W = WEEKLY 3M = QUARTERLY
2W = BIWEEKLY

I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

TYPE 7.5 $ 15HK		MODEL INT "02"	SPEC. NO. TD-6202
			SECTION E
			PAGE 2 OF 4
COMPILED G. Perry	CH'D.	APP. R. M. Masten	
DATE 10-16-63	DATE	DATE Dec 15 '63	REV. 1

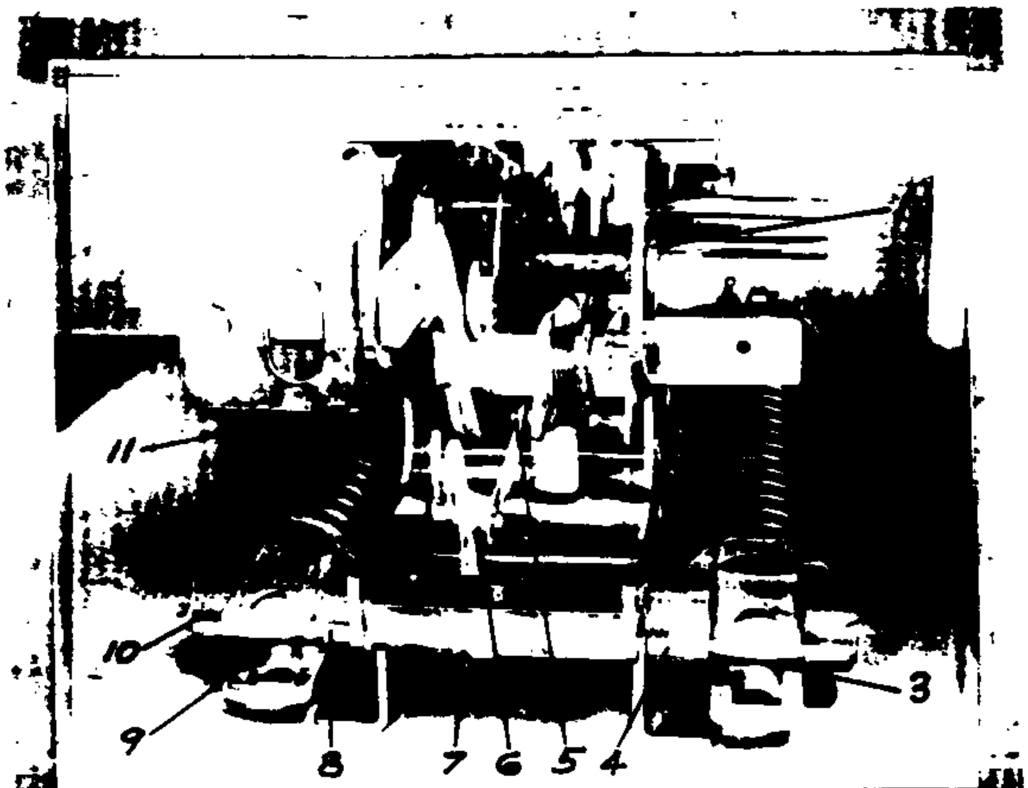
REVISIONS

1 ECO# 2370 ANDEROL 757 ... L-797 M.R.S. 11-7-91

*TEST ACTIVITY CODE
E = EACH DEVICE
M = MONTHLY
W = WEEKLY
Q = QUARTERLY
B = BIWEEKLY

*

OPERATING MECHANISM (Continued)



The following parts shall be lubricated with Anderol 757 compound.

1 - Manual Tripper Bracket

2 - Bushing (Closing Spring)

3 - Closing Spring Tube

4 - Bushing (Closing Spring)

5 - Manual Firing Lever

6 - Manual Firing Lever

7 - Manual Firing Lever Pivot

8 - Bushing (Closing Spring)

9 - Closing Spring Tube

10 - Bushing (Closing Spring)

11 - Manual Charging Lever

RACKING MECHANISM (Continued)

Breaker shall not close during racking operation. Make adjustments by turning, adjusting rod (1) Fig. G-2 to lengthen or shorten so that there is 1/8 inch minimum at Point "A".

Note: Breaker should be in "CLOSED" position when making this adjustment.

3. Lubrication

a. All moving parts shall be lubricated with Anderol -57- as shown in Fig. G-1. Refer to Lubrication Section M, Paragraph 1.

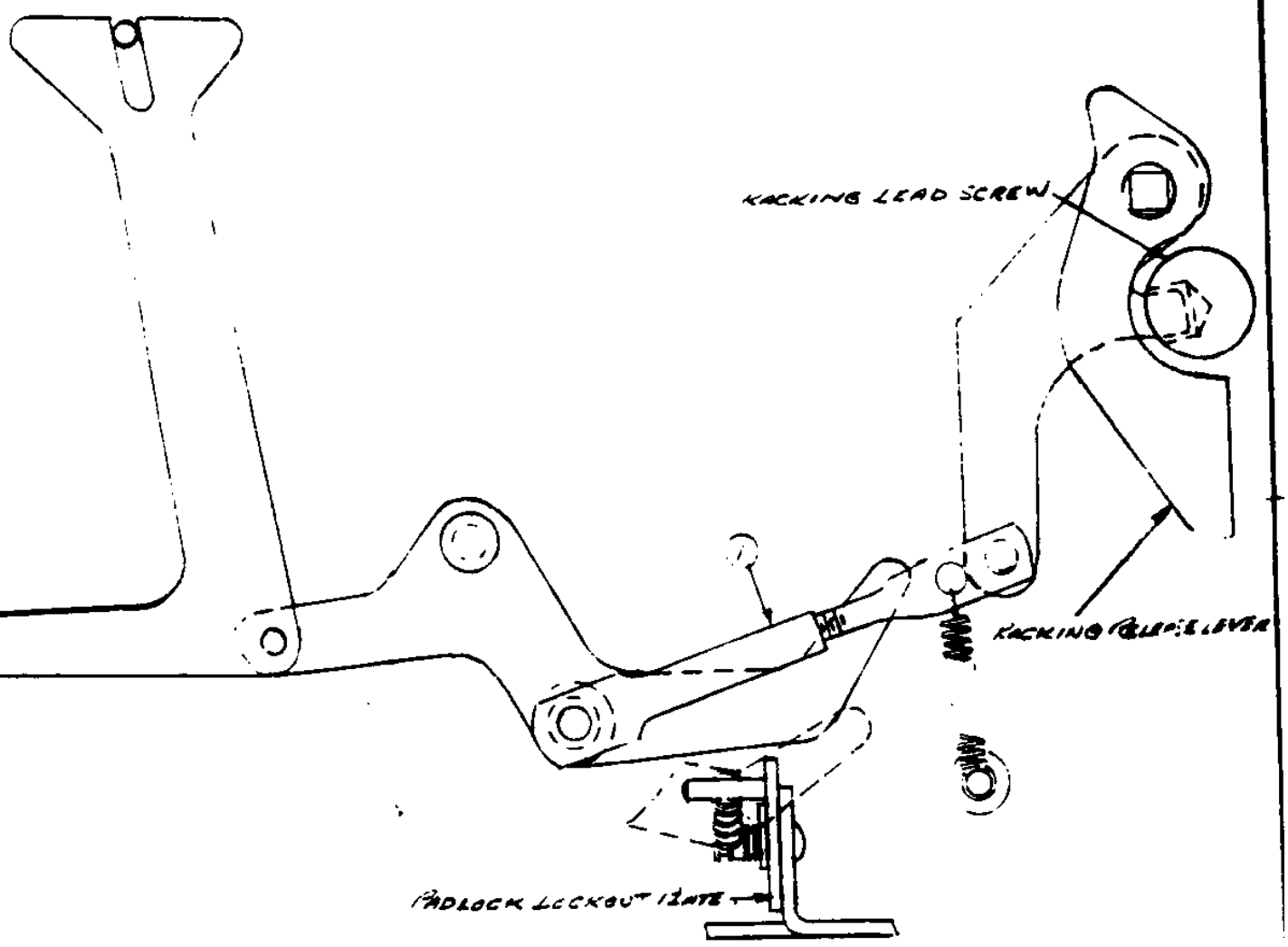


FIG. G-2

REVISIONS

1	ECN# 2388; ANDEROL 157 WAS L-798.	M.K.J. 11-7-91

TEST ACTIVITY CODE

E = EACH DEVICE M = MONTHLY
W = WEEKLY 3M = QUARTERLY
B = BIWEEKLY

I-T-E CIRCUIT BREAKER COMPANY

FACTORY SPECIFICATIONS

TYPE 7.5 & 15HK MODEL INT "02"

NO. TD-6202

SECTION G

PAGE 1 OF 2

COMPILED	CH'D.	APP.
DATE	DATE	DATE Nov 15 '63

REV. 1

*

RACKING MECHANISM

1. General

   a. All parts during assembly shall be constructed without forcing and be free after assembly.

   b. Counter shall advance one count for each breaker close operation. Position indicator shall be fully exposed through opening to indicate breaker "OPEN" or "CLOSED" position.

2. Mechanical

   a. Racking shaft unlock lever shall have force not to exceed 15 Ft./Lbs.

   b. Breaker from "OUT" or "DISCONNECT" position shall not require more than six turns to be in "TEST" position. From "DISCONNECT" position to "CONNECTED" position shall take 21 turns.

   c. Locking device shall permit breaker to be racked in or out only when breaker is in "OPEN" position.

      Breaker shall be automatically held trip free during racking operation in either direction.

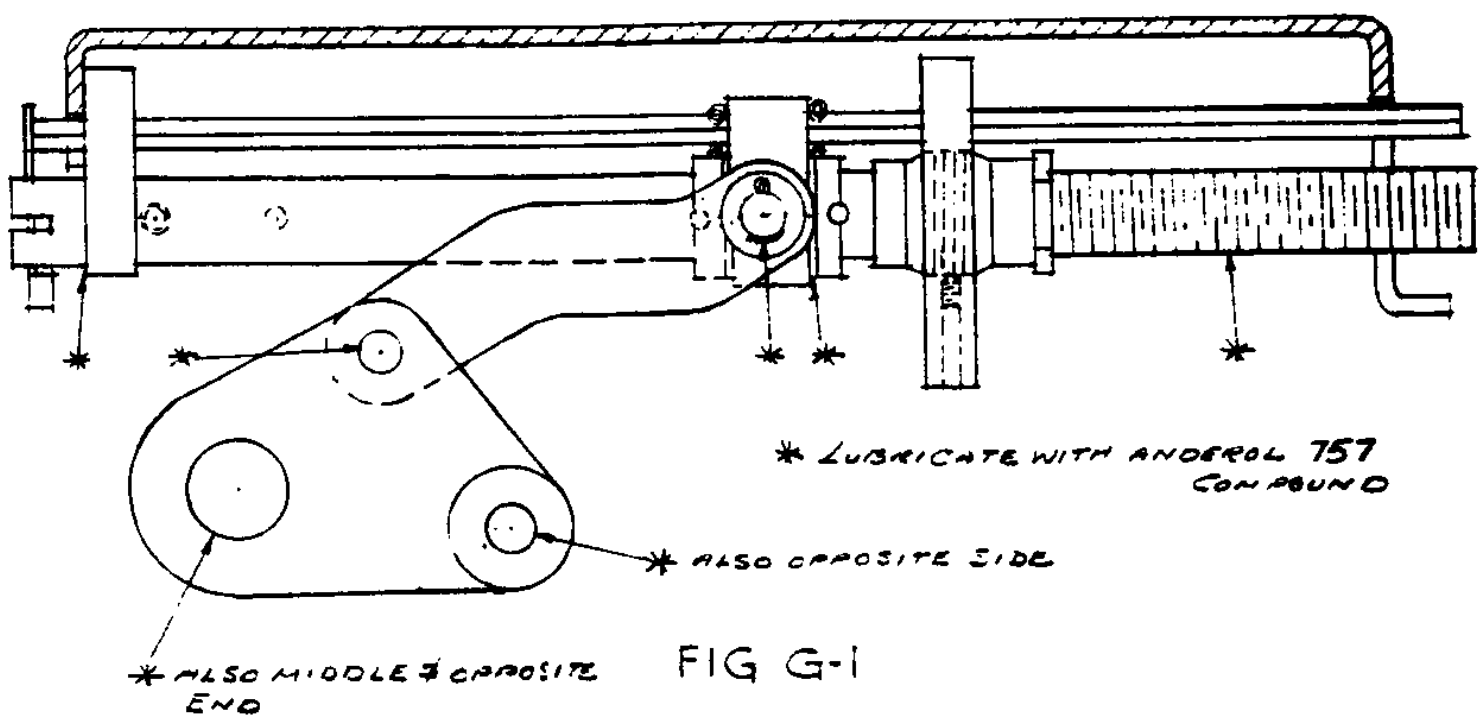


FIG G-1

REVISIONS
ECT#2388; ANDEROL 757 WAS
L798 HK 11-7-41

K=TEST ACTIVITY CODE
E= EACH DEVICE M = MONTHLY
V=WEEKLY 3M = QUARTERLY
W = BIWEEKLY

TD-6202

FACTORY SPECIFICATIONS

TYPE 7.5 & 15HK MODEL INT "02"

COMPILED G Casey	CH'D.	APP. H. McNeely
DATE 10-16-63	DATE	DATE Oct. 16, 63

REV.

TRUCK - FRAME

1. General

   a. All moving parts to be free moving after a

   b. Nameplate shall be mounted neatly on lower front panel. Values on nameplate shall be checked for order and actual unit values.

2. Lubrication (See Fig. F-1)

   a. All moving parts, pivots, etc. shall be l with Anderol 757 compound. (Refer to Section N, Paragraph 1.)

   b. Ground contact parts shall be lubricated with NO-OXID compound. (Refer to Lubrica Section N, Paragraph 5.)

REVISIONS
1 ECN#2388; ANDEROL 757 WAS L-798. M.K.J. 7-9-64.

ACTIVITY CODE
DEVICE M = MONTHLY
3M = QUARTERLY
W = WEEKLY

OPERATING MECHANISM

1. General

a. All parts shall be assembled without forcing.

2. Lubrication

a. Points as indicated in Figs. E-1 and E-2 shall be lubricated with Anderol 757. Refer to Lubrication Section N., Paragraphs 1, 2 and 3.

3. Mechanical

Latch Check Switch (See Fig. E-3)

a. Insert .050 inch feeler gauge between reset [illegible] pin (4) and latch check (5). Turn adjusting [illegible] (1) clockwise until switch contact "break" [illegible] (audible click).

With .050 inch gauge in place turn adjusting screw (1) counter-clockwise until switch [illegible] "make" (audible click).

b. Crank arm assembly for left and right side shall have a minimum of two flat washers on inner [illegible] of spring attachment and one washer on outer [illegible] between cotter pin and spring attachment.

c. M.O.C. actuator shall have vertical motion of 1-3/16 inch ± 3/32 inch from breaker closed position.

d. Pin bearing shall remain in sealed package [illegible] used.

For re-assembly, bearings shall be protected [illegible] filings, chips and other foreign particles. [illegible] lubrication for each bearing. Refer to Lubrication Section M., Paragraph 1.

e. Manual charging lever shall fit breaker crank [illegible] handle. Each breaker shall be charged manually during inspection to assure proper manual operation.

REVISIONS
1 ECN 2398: ANDEROL 757 WAS I-798. M.N.S. 11-7-91

ACTIVITY CODE
S = WEEKLY
M = MONTHLY
3M = QUARTERLY