

! WARNING

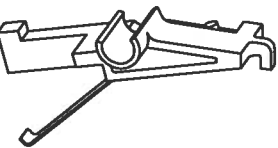
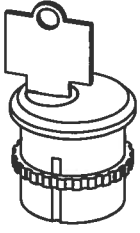






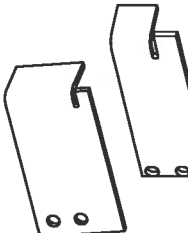





Breaker must remain in the "OPEN" and "DISCHARGED" condition during the installation of this accessory kit.

- This key interlock provides the following safety features:
1. With no key, the breaker is "OPEN" and cannot close.
 2. With the key "ON", the breaker is fully functional.
 3. The key cannot be removed when the breaker is "ON".
 4. The key cannot turn the breaker "OFF".

To remove the key, press the breaker "OFF" button and rotate the key 90° counterclockwise.
 Note: Manufacturer/Supplier assumes no responsibility for damage done to circuit breakers or other equipment during field mounting of any accessory part.

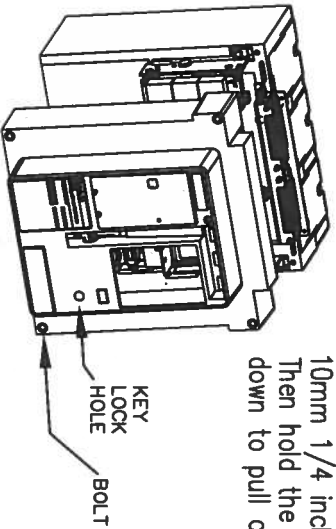
**Instructions for Installation of 69C333G01
 Kirk Key Interlock Kit - Drawout Breaker Ver.**

Contents of Kit #69C333G01

-  INTERLOCK ARM ASSEMBLY
-  KIRK #CN22-104-1B92890
KIRK KEY LOCK
(NOT SUPPLIED)
-  BUSHING
-  KIRK LOCK MOUNTING PLATE
-  TORSION SPRING
-  EXTENSION SPRING
-  GUIDE PIN
-  INTERLOCK ADAPTER ASSY.
-  KIRK KEY ACUTATOR
-  M4 HEX NUT
w/LOCKWASHER
(2) REQUIRED
-  M4 x 10MM
HEX SCREW
(2) REQUIRED
-  #3-48 x 3/8
FLATHEAD SCREW
(2) REQUIRED
-  M3.2
RETAINING RING
-  M3x6
SELF-THRD
(3) REQUIRED

Step 1: Remove the front cover by unscrewing the hex head captive bolts that join the cover to the breaker housing using a

10mm 1/4 inch drive socket. Then hold the charge handle down to pull off the cover.

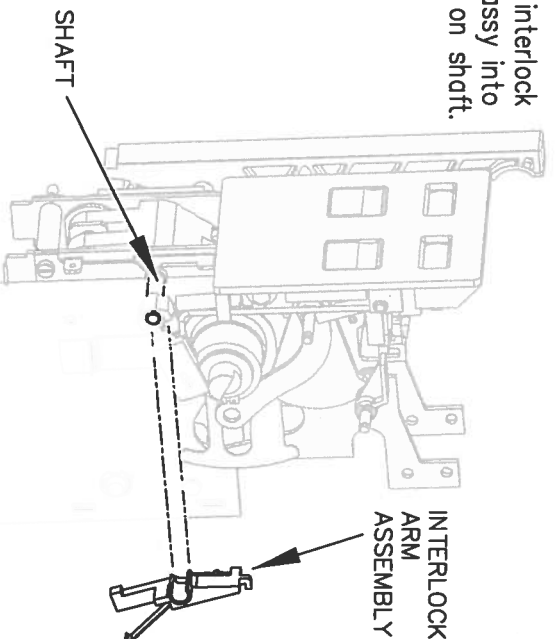


Step 2:

Remove plug from keylock hole, or if no hole exists, drill 1-7/16" (36mm) hole using existing countersink on inside of cover as a pilot guide. Use a hole saw such as Starrett #KAVH0176

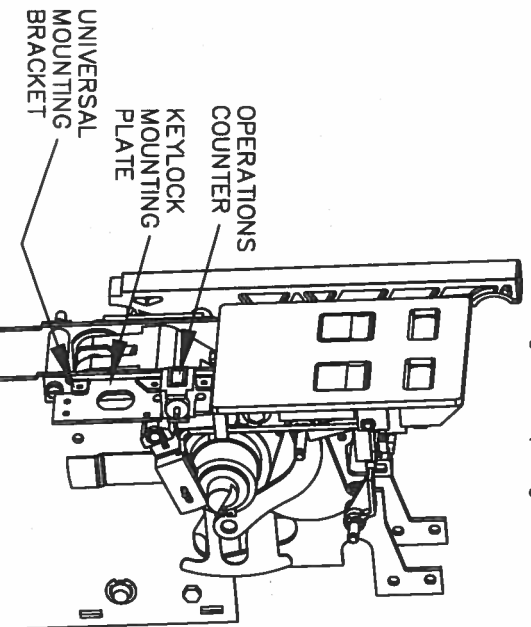
Step 4:

Snap interlock arm assy into place on shaft.



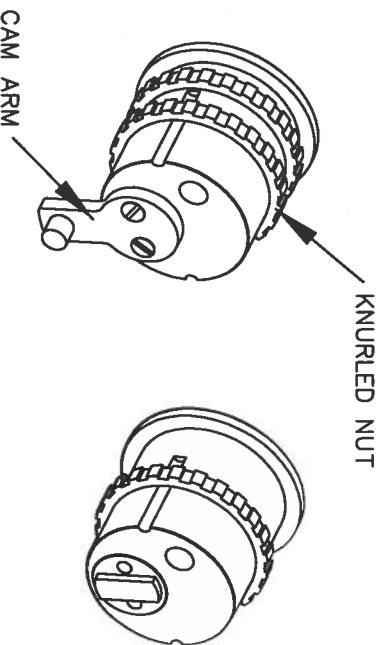
Step 3:

Remove existing keylock mounting plate from the universal mounting bracket and discard it. If there is an operations counter mounted to it, remove that first, without disconnecting the spring.



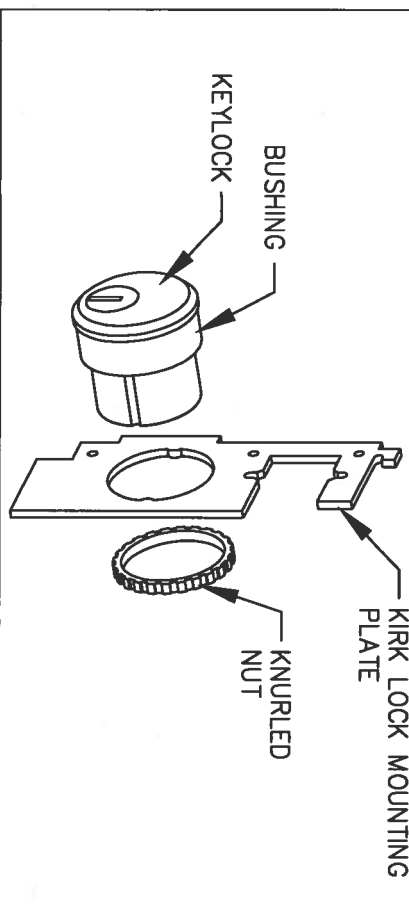
Step 5:

First remove key from keylock. Warning, if key is not removed first, damage to the keylock will result. Do not reinsert key until step 8. Then remove 2 screws from back of keylock and discard cam arm and screws. Remove 1 knurled nut from barrel of lock and discard also.



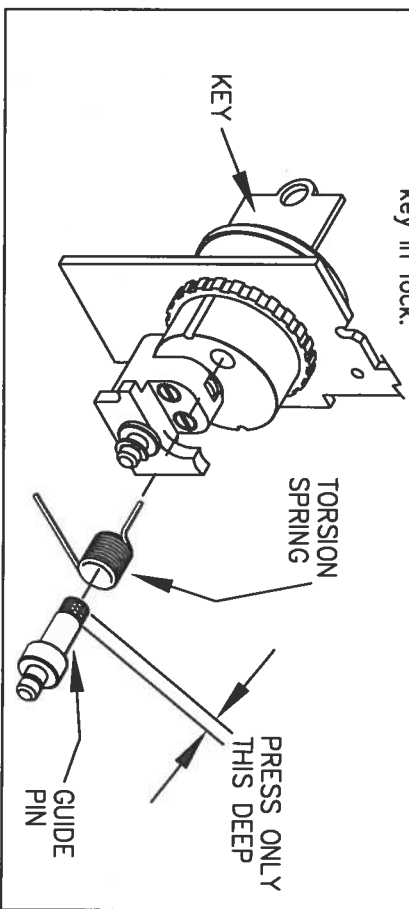
Step 6:

Remove second nut from interlock body and place bushing on body. Note orientation of keylock, then mount to lock mounting plate with the knurled nut.



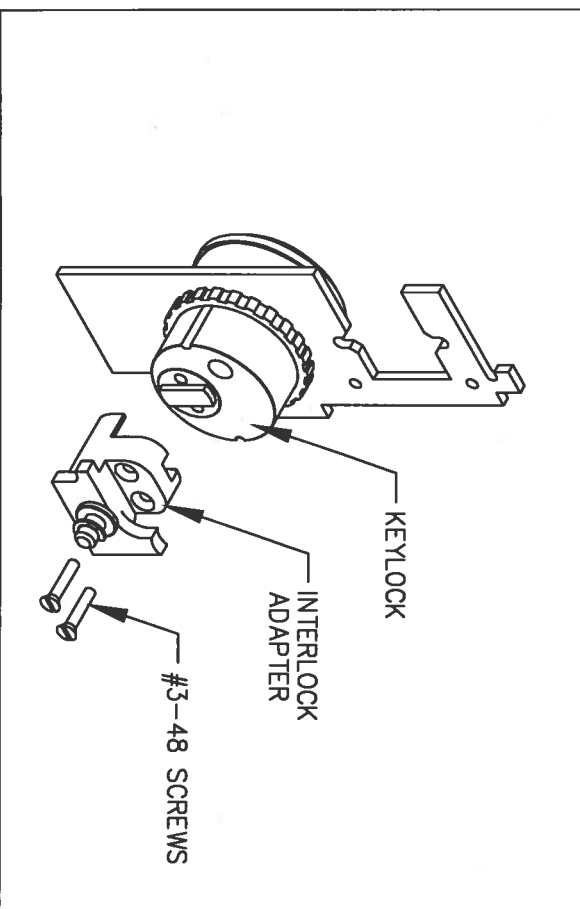
Step 8:

Put torsion spring on guide pin – note orientation of spring legs – and carefully press knurled end of guide pin into hole in keylock body to the depth of the knurl. This step will require an arbor press, vise, or equivalent. Then insert key in lock.



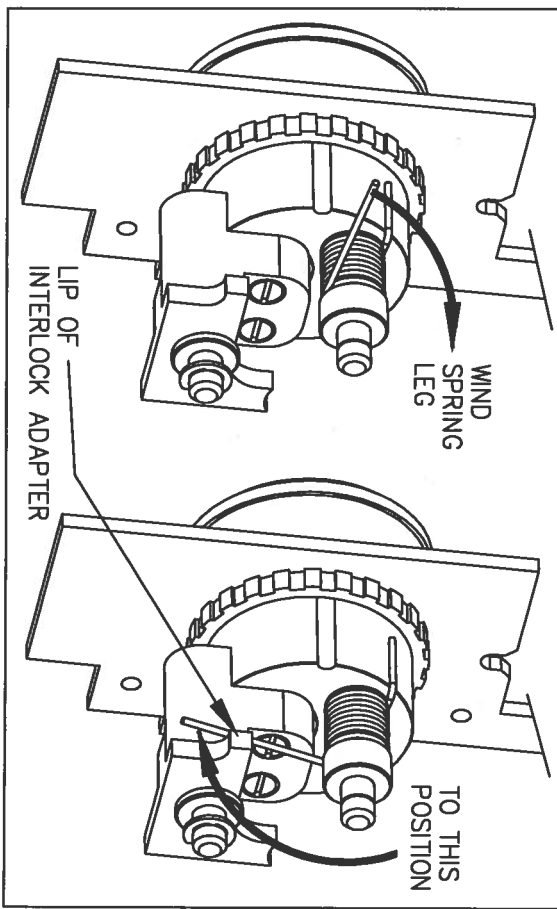
Step 7:

Mount Interlock Adapter assembly to rear of keylock with #3-48 x 1/2" long flat head screws.



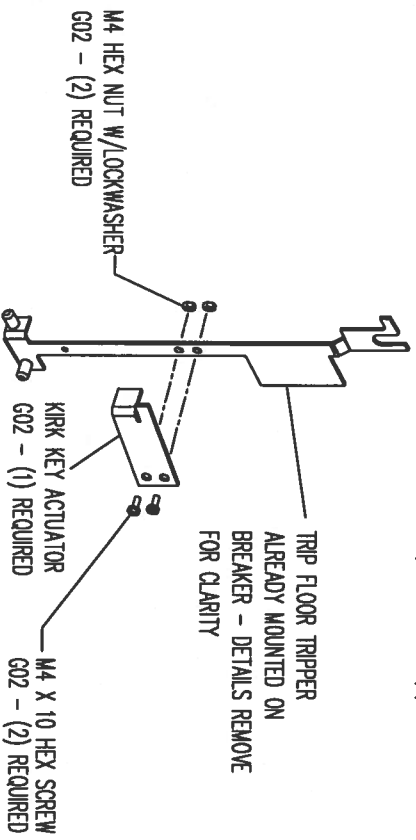
Step 9:

Using pliers, wind free leg of spring clockwise approximately 360° and hook under lip of interlock adapter as shown.



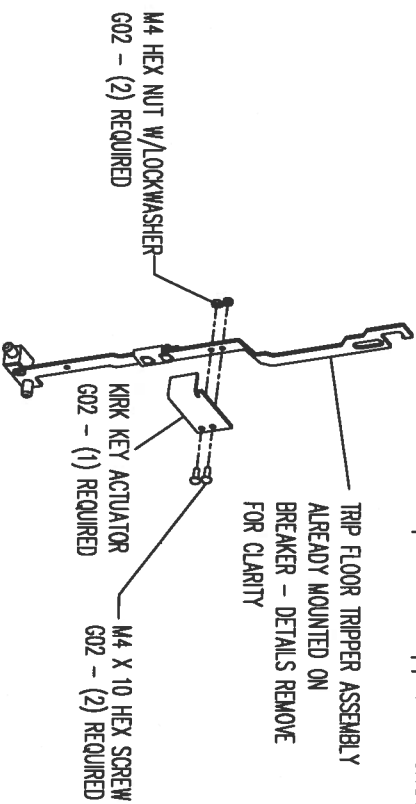
Step 10A:

Assemble the Kirk Key Actuator to the Trip Floor Tripper using (2) M4 X 10MM Hex Screws and (2) M4 Hex Nuts w/Lockwashers. Kirk Key Actuator must be assembled to outside face of Trip Floor Tripper as shown.



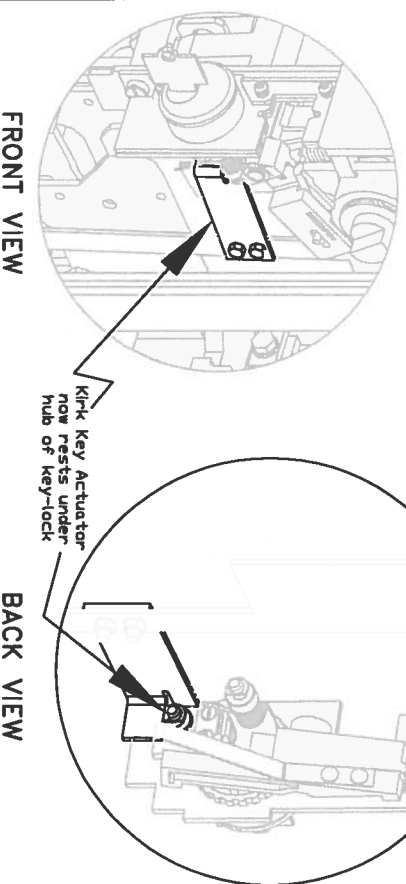
Step 10B:

Assemble the Kirk Key Actuator to the Trip Floor Tripper Assembly using (2) M4 X 10MM Hex Screws and (2) M4 Hex Nuts w/Lockwashers. Kirk Key Actuator must be assembled to outside face of Trip Floor Tripper as shown.



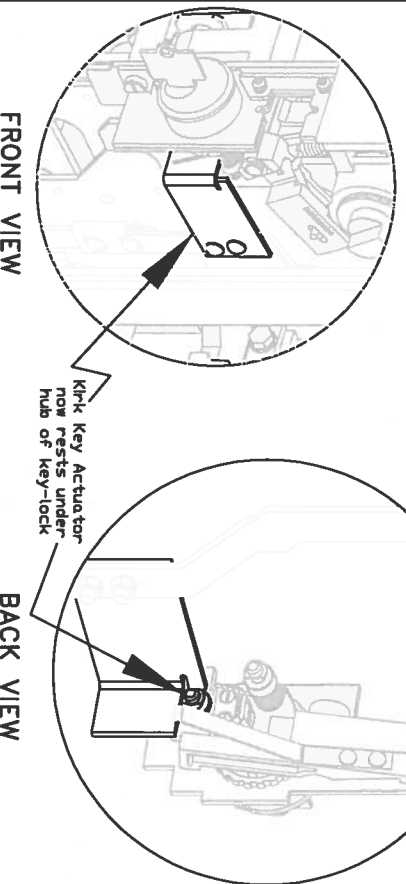
Step 11A:

Make certain that hub on Kirk Lock is positioned on Kirk Key Actuator as shown for proper functioning of assembly. Operate Kirk lock key several times to insure proper relationship of actuator and hub.



Step 11B:

Make certain that hub on Kirk Lock is positioned on Kirk Key Actuator as shown for proper functioning of assembly. Operate Kirk lock key several times to insure proper relationship of actuator and hub.



Step 12:

- 1) Charge, Open and Close breaker several times to check operation of breaker mechanism.
- 2) Turn the Key Lock several times to ensure Key lock system is working
Trip Floor Tripper should actuate trip bar – verify once again these steps below from WARNING label on page 1.
 - a) With no key, the breaker is "OPEN" and cannot close.
 - b) With the key "ON", the breaker is fully functional.
 - c) The key cannot be removed when the breaker is "ON".
 - d) The key cannot turn the breaker "OFF".
 - e) To remove the key, press the breaker "OFF" button and rotate the key 90° counterclockwise.
- 3) Rack the breaker in and out of cassette to test floor tripper system
Re-assemble front breaker cover to breaker housing