1. Pass the cable assembly with connectors through the 1" hole, then mount the exterior housing through door preparation. Make sure that the lock chassis and latch are properly engaged as shown in Figure B.

2. Remove screw from Battery Cover to access backplate.

3. Feed the cable assembly with connectors through the backplate, lock washer and CableGard™ nut.

4. While holding the interior backplate in position, loosely install the two thru-bolts.

5. Tighten the CableGard™ nut on the CableGard™ that passes through the door using supplied wrench. When this connection is tight secure the thru-bolts.

6. Tear cable wrap to separate wires.
1. Attach the battery cover with two finished #8 screws. Battery cover has a lip which engages the lower inside housing, it is important that this lip be seated properly to insure correct alignment.

**NOTE:** USE ONLY ALKALINE BATTERIES, DUE TO PREDETERMINED POWER SETTINGS IN THE LOCK.

**NOTE:**
- Dielectric Grease/Silicone lubricant is provided with each lockset by manufacturer. It is recommended to use during installation for all electrical connectors.
- All wire pairs are color coded to connect with like pair.

1. Connect the grey/red wires from the CableGard™ to the grey/red wires from the lever tube. The two remaining pairs are only for the optional sensor-array package, as well as the “reset lock” function. (See programming manual.)
2. Connect the red/black wires from the CableGard™ to the red/black wires from the battery pack.
3. Place the battery holder over the center grooved stud.
4. When properly aligned, push down on the battery holder assembly, engaging the upper part of the hole into the groove of the center stud. This will connect the lower fork with the center post, giving a very secure fit.

1. Slide the inside lower housing over the lever tube until it has passed over the lever catch. (Be sure wires are not pinched.)
2. Fasten with two brass #8 screws. Once secure, fasten the finished #8 screw at the bottom.
3. PUSH ALL EXCESS WIRE LENGTHS DOWN THROUGH THE OPENING AT THE TOP OF THE INSIDE LOWER HOUSING.

1. Attach the battery cover with two finished #8 screws. Battery cover has a lip which engages the lower inside housing, it is important that this lip be seated properly to insure correct alignment.
To Remove IC Core Lever Handle

1. Push lever on door in horizontal position until secure.

IC CORE CYLINDER

Installing IC Core:

1. Press lever on lock tube, slightly wiggle and push until lever engages lever catch and connector.
2. Test lever to be sure it is on securely.
3. Insert control key (marked with a “C”) into IC core and turn clockwise.
4. Insert tailpiece with washer into core.
5. With control key in core, insert core fully into lever.
6. Turn control key approximately 15° counter-clockwise to lock cylinder in place. Remove control key.
7. Check cylinder and lock for proper operation before closing door.

To Remove IC Core Lever Handle

INSTALLING THE LEVERS

Outside Lever

Installing Conventional Cylinder:

1. Tailpiece must be in a vertical position in cylinder. (Figure B)
2. Insert control key (marked with a “C”) into IC core and turn clockwise.
3. Insert cylinder in lever.
4. Press cylinder retainer into lever until flush with base of lever.
5. Turn key in cylinder 45° in either direction.
6. Slide lever on tube until it stops at the lever catch.
7. Slightly wiggle and push until lever engages lever catch and connector.

Inside Lever

1. Push lever on door in horizontal position until secure.

CYLINDRICAL IC CORES

| Kit for 6 & 7 pin Marks, KSP, Best®, Falcon, Medeco®, Keymark, Schlage® Small Format, 6 pin Sargent | KR | HER1984 | ER |
| Kit for 6 & 7 pin Corbin | KRG | HER1984-G | ERG |
| Kit for 6 & 7 pin Yale™ American Lever ONLY | — | EAR1989-Y | EMY |
| 6 pin Schlage® Large Format American Lever ONLY | — | EF1903-F19 | CM |

Lifetime Mechanical/2 Year Electronic Limited Warranty: MARKS USA warrants to the original purchaser that its products are free from defects in materials and workmanship so long as they occupy the premises. In the event our product does not conform to this warranty, MARKS USA will repair or replace the product free of charge at its sole discretion. This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, improper application or specification, ordinary wear and tear, misuse, abuse, accident, improper voltage, unauthorized service, or use with unauthorized non-MARKS products or parts. We reserve the right to make changes in materials, components or manufacturing methods. Liability under all warranties expressed or implied is limited to replacement of the defective goods. This warranty does not cover nor provide for the reimbursement or payment of incidental or consequential damages or any shipping charges related to exercising of this warranty.
IMPORTANT:
PLACE TEMPLATE ON HIGH EDGE OF DOOR BEVEL

Mark for
1" Dia. (25 mm) Latch Hole at Center Line of Door Thickness

Mark for
CABLEGARD™ 1" Hole

MARK CENTER FOR 2-1/8" (54 mm) HOLE
FROM CENTER OF DOOR THICKNESS

DETACH ON DOTTED LINE

MOUNT PLATE

OUTSIDE CENTER OF RETRACTOR

1-5/8" DOOR
1-3/4" DOOR
1-7/8" DOOR

MARKS USA • 365 Bayview Ave., Amityville, N.Y. 11701
631-225-5400 • 1-800-526-0233 • Fax: 631-225-6136
www.marksusa.com