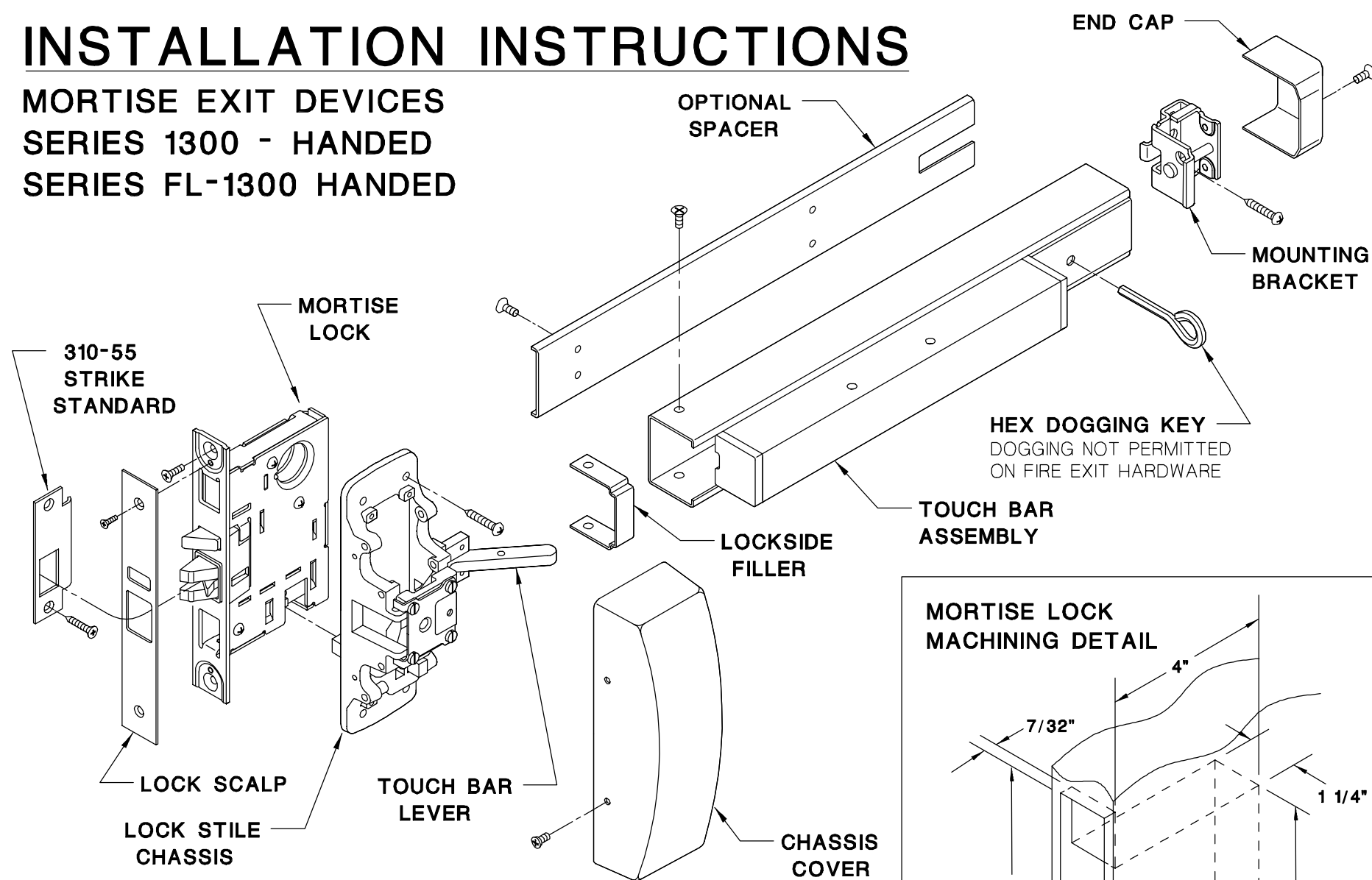


INSTALLATION INSTRUCTIONS

MORTISE EXIT DEVICES SERIES 1300 - HANDED SERIES FL-1300 HANDED



FIRE EXIT DEVICE INSTALLATION SERIES FL-1300

The use of sex bolts or through bolts to mount the devices to the door is required for composite (wood or plastic covered) and wood core type fire doors unless an alternate mounting method is identified in the individual door manufacturer's listings (and installation instructions). The use of sex bolts to mount the devices to the door is required for steel

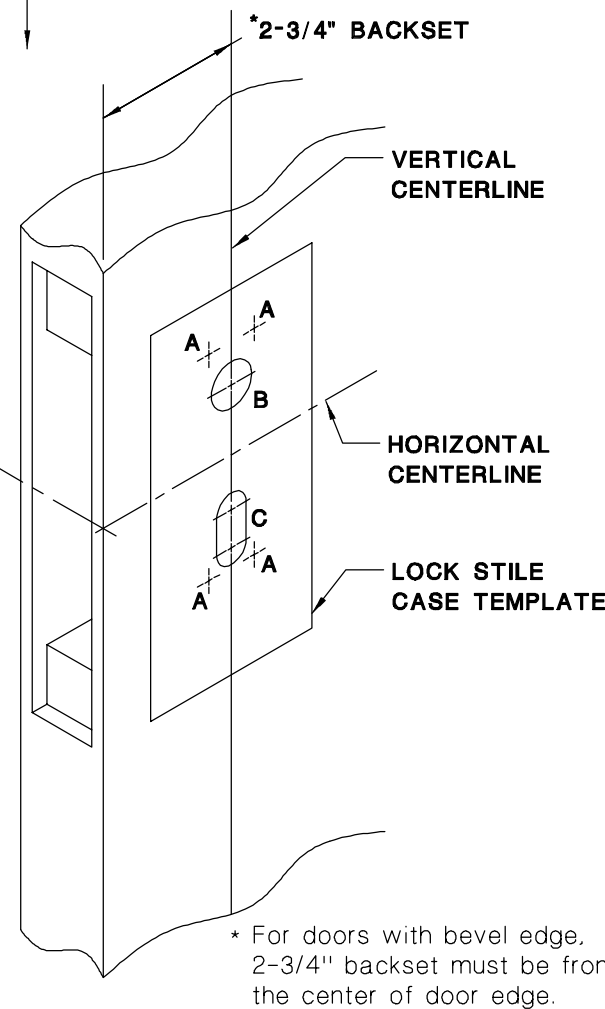
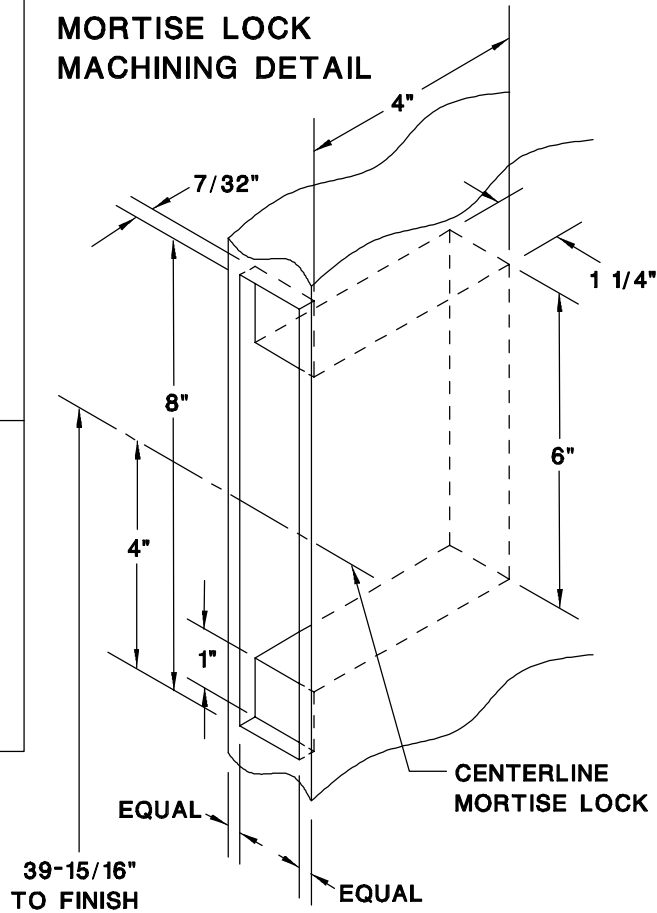
is required for steel covered composite type sheet-metal type or hollow-metal type fire doors provided without reinforcements. The use of steel machine screws to mount the devices to the door is required for steel covered composite type, sheet-metal type or hollow-metal type fire doors incorporating steel reinforcements.

1 DOOR PREPARATION

- Circle the following.
A. **DEVICE NO.** and **GROUP NO.** in 'HOLE DRILLING SCHEDULE'.
- If door is not pre-machined for mortise lock, mortise the door according to 'MORTISE LOCK MACHINING DETAIL'.
- Mark vertical centerline on inside face of door at lock side 2-3/4" from the centerline of door edge. (Mark vertical centerline on outside face of door at lock side 2-3/4" if Trim is specified).
CAUTION: Vertical centerlines on both sides of the door should be the same dimension from the edge of the door.
- Mark horizontal centerline on inside face of door. Horizontal centerline must be same as mortise lock centerline. (Continue horizontal centerline to outside face of door if Trim is specified).
- Tape Lock Stile Case Template (and Trim Template if Trim specified) to the door so that centerlines on template line up with centerlines on door. Mark centers for the holes required per 'HOLE DRILLING SCHEDULE' (and Trim Template if Trim specified).
- Drill holes in door as directed on template.
- Install Mortise Lock into the door.

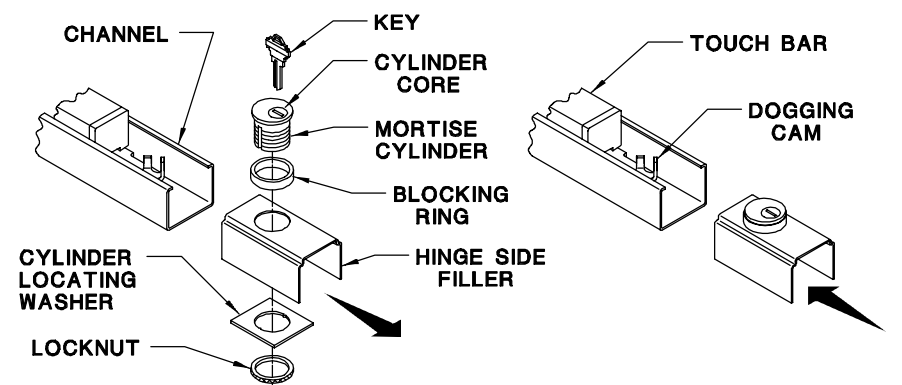
NOTE: Mortise Lock with electrical features, see instructions packed with that product.

HOLE DRILLING SCHEDULE			
GROUP	DEVICE NO.	B, B1, B2	C
1	1301, 1302, FL-1301	NO	YES INSIDE ONLY
2	1303, FL-1303	YES	YES INSIDE ONLY
3	1305, FL1305, 1308, FL-1308	YES	YES
4	1305A, 1308A, FL-1305A, FL-1308A	NO	YES



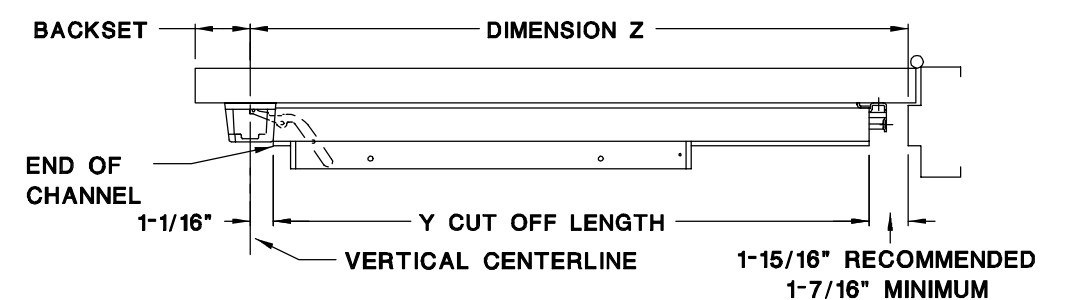
* For doors with bevel edge, 2-3/4" backset must be from the center of door edge.

OPTIONAL CYLINDER DOGGING CYLINDER INSTALLATION INSTRUCTIONS 1-1/4" LONG STANDARD MORTISE CYLINDER REQUIRED



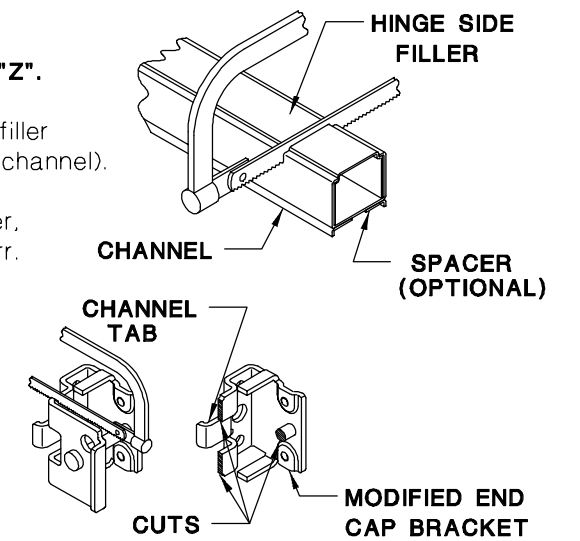
- Slide hinge side filler out of channel.
- Install cylinder.
 - Insert cylinder locating washer inside the hinge side filler.
 - Place blocking ring on outside of hinge side filler.
- Slide hinge side filler into the channel. (Dogging cam must be in dogged down position)
 - Position cylinder in hinge side filler with cylinder core away from touch bar end.
 - Fasten cylinder with locknut.

2 CUT DEVICE - IF REQUIRED

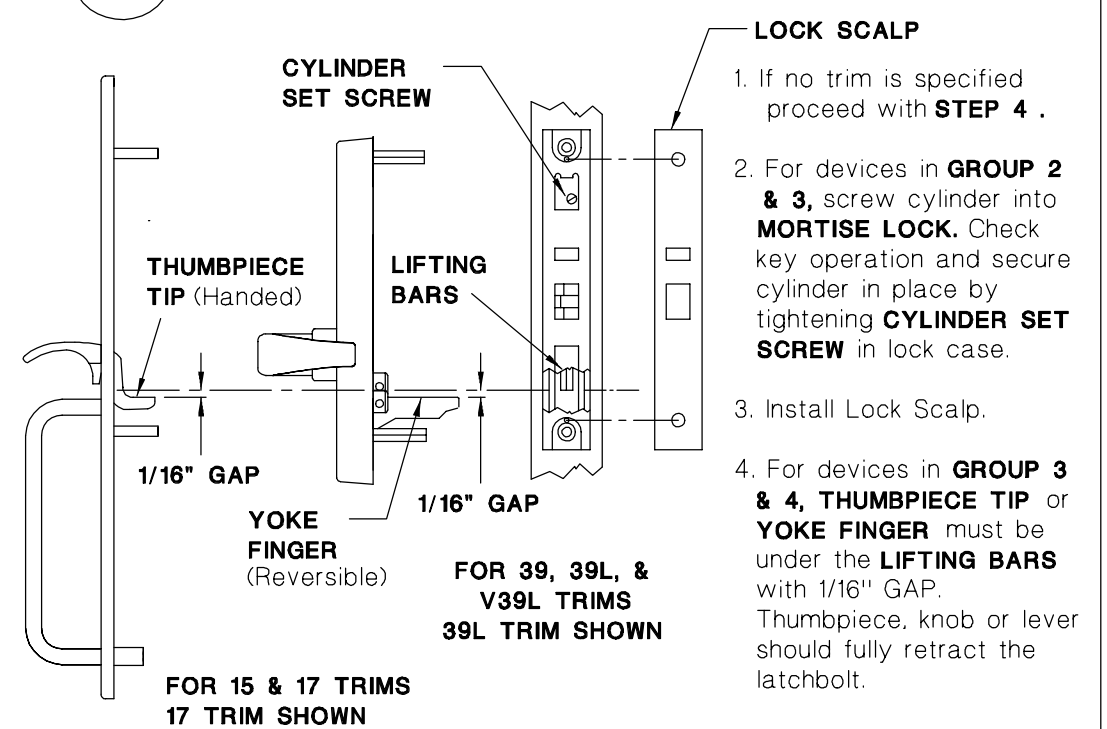


- Determine cut off length "Y" by subtracting 3" from dimension "Z".
- Mark cut off point (hinge side filler must be all the way inside of channel).
- Cut off channel, hinge side filler, spacer (if specified) and deburr.

NOTE: When preparing a device for a 2' 6" door the endcap bracket must be modified. Cut the bracket through the three specified locations. (see illustration) **DO NOT** cut through the Channel Tab. (Not required for Fire Exit Devices)

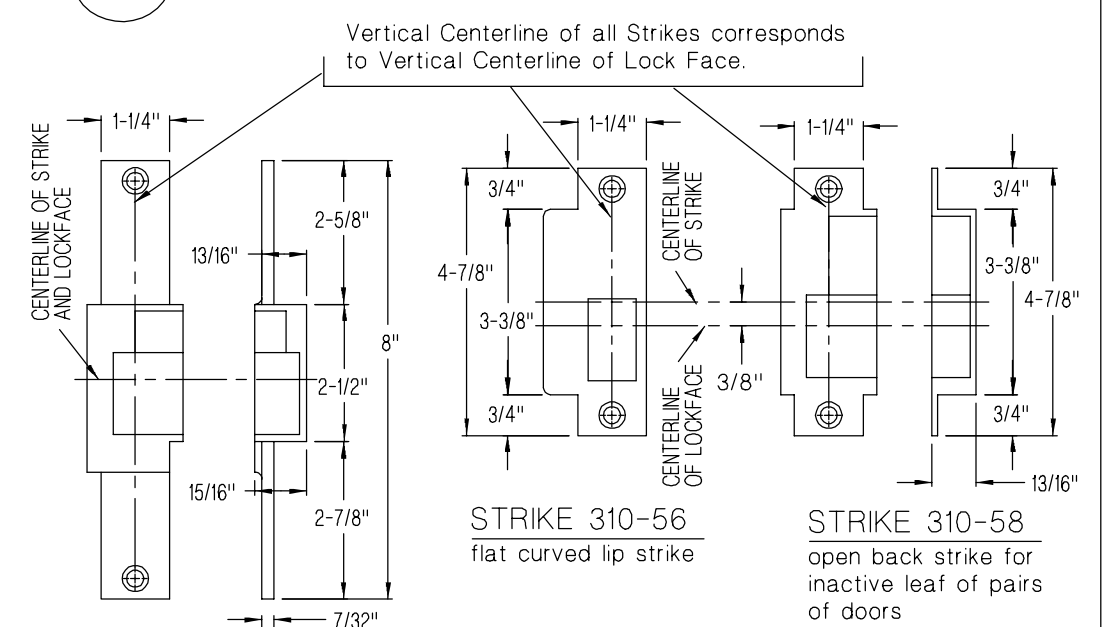


3 APPLY TRIM - WHEN SPECIFIED



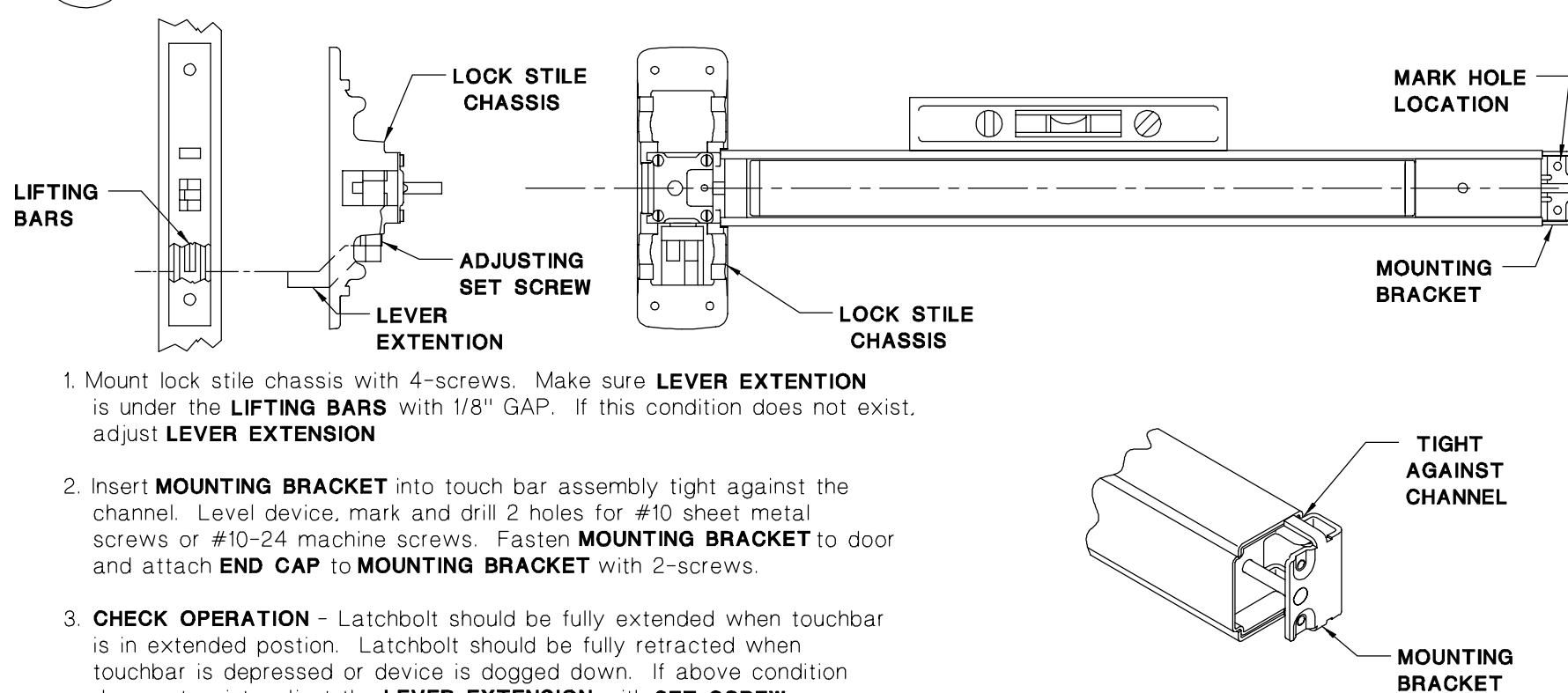
- If no trim is specified proceed with **STEP 4**.
- For devices in **GROUP 2 & 3**, screw cylinder into **MORTISE LOCK**. Check key operation and secure cylinder in place by tightening **CYLINDER SET SCREW** in lock case.
- Install Lock Scalp.
- For devices in **GROUP 3 & 4**, **THUMBPIECE TIP** or **YOKE FINGER** must be under the **LIFTING BARS** with 1/16" GAP. Thumbpiece, knob or lever should fully retract the latchbolt.

5 APPLY STRIKE



STRIKE 310-57
open back strike for inactive leaf of pairs of doors

4 APPLY DEVICE



- Mount lock stile chassis with 4-screws. Make sure **LEVER EXTENSION** is under the **LIFTING BARS** with 1/8" GAP. If this condition does not exist, adjust **LEVER EXTENSION**.
- Insert **MOUNTING BRACKET** into touch bar assembly tight against the channel. Level device, mark and drill 2 holes for #10 sheet metal screws or #10-24 machine screws. Fasten **MOUNTING BRACKET** to door and attach **END CAP** to **MOUNTING BRACKET** with 2-screws.
- CHECK OPERATION** - Latchbolt should be fully extended when touchbar is in extended position. Latchbolt should be fully retracted when touchbar is depressed or device is dogged down. If above condition does not exist, adjust the **LEVER EXTENSION** with **SET SCREW**.
- Attach cover to lock stile chassis.