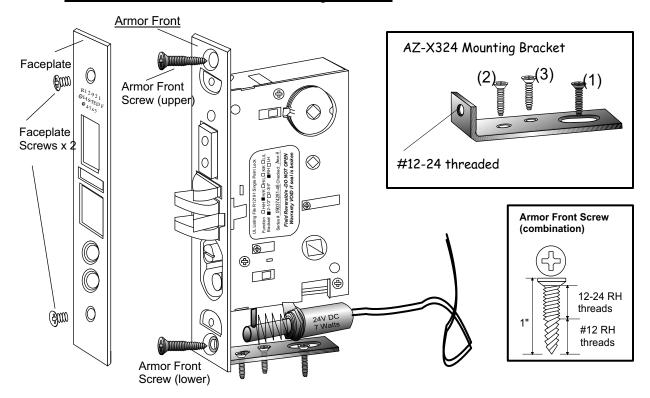
## Installation Manual for Series A500, A600, A700 & A900 Mortise Lock Cases

## Electrified with AZ-X324 Mounting Bracket



Assuming that the lower side of mortise on door for the lock case has been extended and lined up with the lower edge of the *Armor Front*..(See Exhibit A-E2 for exact positioning)

- 1. Place the <u>Bracket</u> AZ-X324 with the return open upwards and towards door edge. Semi-fasten with a wood screw(1) furnished at the center of the oval screw hole; leave the return of the <u>Bracket</u> at about same height of the door edge.
- 2. Slide in the lock case in place. Push the <u>Armor Front</u> with <u>Bracket</u> together gently until the <u>Faceplate</u> sits flush and even with the surface of the door edge. The wood screw (1) that was just semi-fastened may be readjusted to the proper fitting in order to hold the Bracket in place.

The <u>Bracket</u> should be centered. The <u>Faceplate</u> may be removed in order to check if the screw hole on return is lined up with the screw hole on **Armor Front**.

- 3. Keep the Bracket in that "lined-up" position and remove the lock case gently...
- 4. Hold the Bracket in that lined-up position and fasten the wood screw (1); and then, fasten the wood screw (2) and (3).
- 5. Slide the lock case into the mortise in place, lineup and fasten the lower <u>Lock Front</u> onto the Bracket with **Armor Front Screw** (1).
- 6. Make sure the lock case is in place and drill about 1/2" deep hole through the center of the mounting screw hole on <u>Lock Front/upper</u> with a 1/8" or smaller drill bit. Fasten with *Armor Front Screw(2)*
- 7. Follow the other instructions furnished to install the Cylinder, Faceplate and Trims

For 1-3/4" thick door, fold here and attach to the door at desired height **Installation Template** of ASA Strike location. Mark the positions of holes for Face and Edge bores. For other door thickness, mark the holes on door Face side and For Series A600, A700, draw a light line between 2 locators H1/H2. Center the Edge Template on **Electricfied Mortise Lock +** door Edge for marks, using the 'Horizontal Center Line' and H1/H2 line drawn as reference for the Height. If mortise for Strike has already been **AZ-X324 Mounting Bracket** made in metal frame, position template using strike mortise as reference. Edge Please read the Template carefully Edge center line --> **Door Face** before drilling and mortising the door. Backset 2" (51mm) Template/Edge Backset 2-1/2" (63mm) I Line up/vertical Screw Backset 2-3/4" (70mm) 1 on door Face hole Backset 3-1/2" (90mm) **Cylinder Hole** Drill only if you ASA Strike 1:1 have cylinder on Lip location this side of door 1: KK,LL,HH,HK,HL 1-114" dia. 1: Thumb Turn Hole Drill only if you have T. Turn on 1-3/16" this side of door 15/16" (24mm) (**1**)... KK,LL,HH,HK,HL 5/8" dia. 2-1/4" 3-1/2" backset: mortise minimum 4-5/8" (117mm) Deep 1-1/8" Wx5/8" 2-3/4" backset: mortise mini. 3-7/8" (98mm) Deep Deep for Anti-Lever/Knob Hole 2-1/2" backset: mortise mini. 3-5/8" (92mm) Deep friction latch Drill all the way through door 2" backset: mortise mini. 3-1/8"(79mm) Deep KK,LL,HK,HL 5/8" dia. 1: Horizontal Center Line H2 H1 7/8" Additional mortise here for electrified Thumb Piece/ lock, using AZ-X324 **① ①**-**Handle Hole** Mounting Bracket Drill only if 7/8" you have Grip Handle Trim either side. Drilt all the way through. HH,HK,HL

Template - 'A' mortise lock RH x 50,000 0405

Insert lock in mortise. Mark outline of the lock front and mortise 7/32" (5.5mm) deep for flush mount.

