
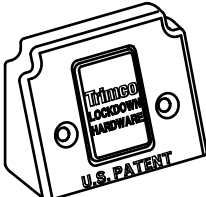


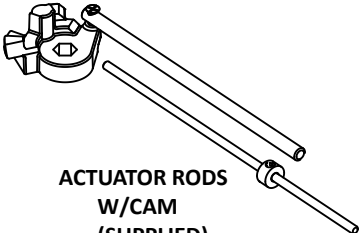
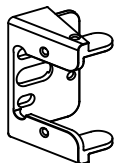
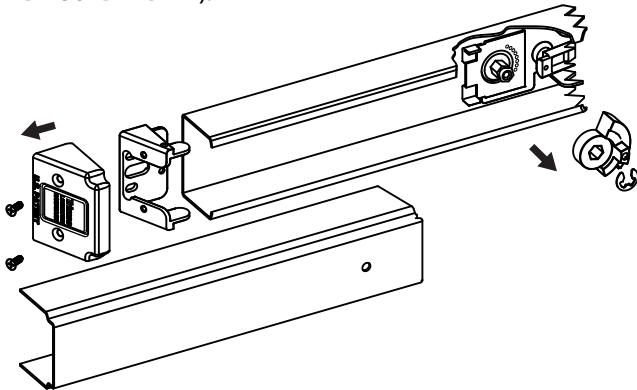
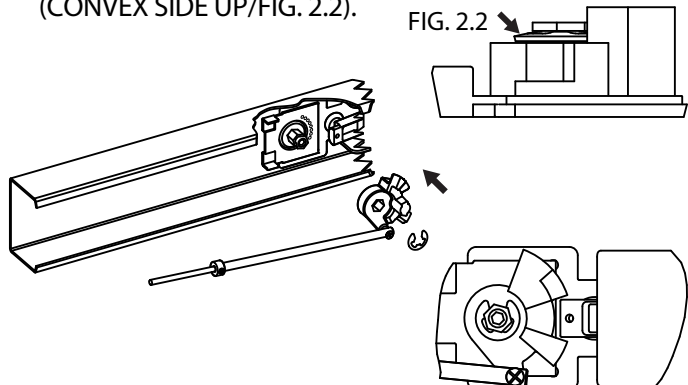
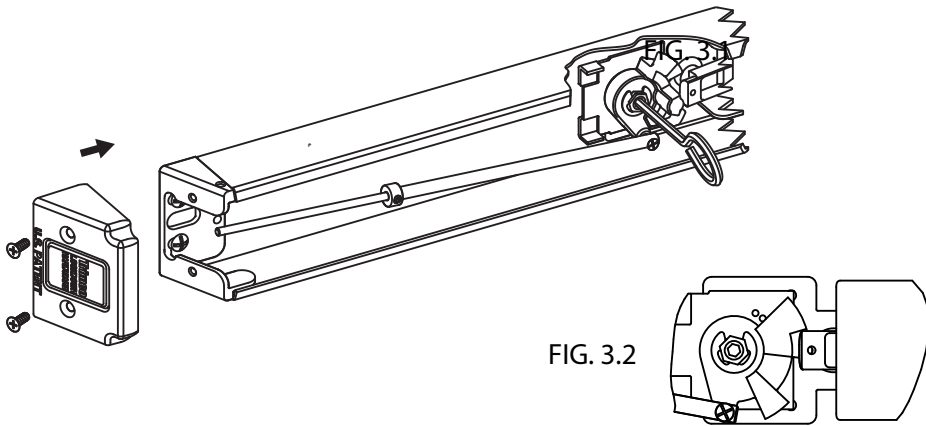
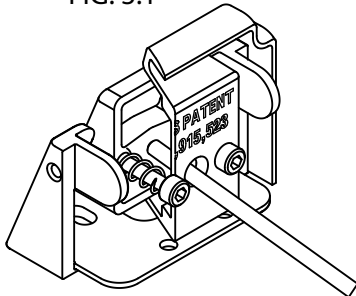
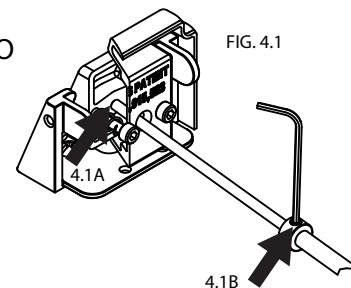
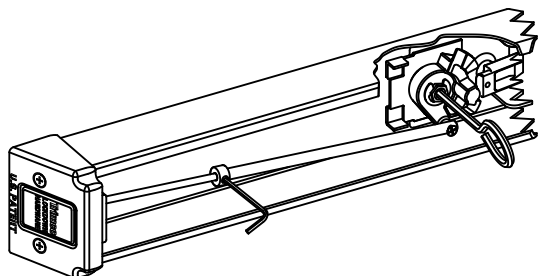


| TEMPLATE NO. | | TRIMCO TECHNICAL PUBLICATION | | PRODUCT | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 20256 SHEET 1 OF 2 HEX & CYLINDER STYLE | | 1351 Rocky Point Drive Oceanside, CA. 92056 323.262.4191 | | LOCKDOWN HARDWARE RETROFIT KIT LDH100-DM U.S. PATENT NO. 8,915,523 | |
| REVISION 02 | REV DATE: 03/03/18 | ENGINEER: C. ODOM | | CREATED DATE: 04/18/18 | |
| INSTALLATION GUIDE | | | TOOLS NEEDED | | |
| INSTRUCTIONS TO RETROFIT DORMA SERIES 9000 EXIT DEVICE WITH TRIMCO LDH100-DM KIT EMERGENCY RELEASE OF DOGGED EXIT DEVICE. INSTALLATION GUIDE SHOWN FOR RIGHT HAND REVERSE INSTALLATION. READ INSTALLATION GUIDE IN ITS ENTIRETY TO ENSURE ACCURACY OF INSTALLATION. | | | PHILLIPS AND FLAT BLADED SCREWDRIVERS  5/64" HEX L-WRENCH | | |
| PARTS LIST | | | | | |
|  DORMA STYLE END CAP (SUPPLIED) | |  PHILLIPS 8-32 SCREWS (SUPPLIED) |  RETAINING RING (SUPPLIED) |  ACTUATOR RODS W/CAM (SUPPLIED) |  DORMA BRACKET (RE-USE) |
| 1 REMOVE END CAP, MOUNTING BRACKET, AND COVER. USE FLAT BLADED SCREWDRIVER TO REMOVE RETAINING RING, NEXT PULL DORMA CAM OFF (NOTE: THE CAM HAS A SPRING AND BALL WHICH MAY FALL OUT. THESE WILL NOT BE USED AGAIN). | | | 2 INSTALL CAM ONTO HEX POST, ALIGN DETENT BALL WITH CENTER NOTCH (UNDOGGED, FIG 2.1). INSTALL RETAINING RING ON TOP OF THE CAM INTO GROOVE ON HEX SHAFT, (CONVEX SIDE UP/FIG. 2.2). | | |
|  | | |  FIG. 2.1 FIG. 2.2 | | |
| 3 REINSTALL DORMA MOUNTING BRACKET, INSTALL TRIMCO END CAP BY USING PROVIDED PHILLIPS 8-32 MACHINE SCREWS. AND ENSURE ACTUATOR ROD IS IN PLACE: SEE FIGURE 3.1 DOG THE CAM BEFORE ADJUSTING THE RODS: SEE FIGURE 3.2 | | | | | |
|  FIG. 3.2 | | |  FIG. 3.1 | | |
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|----------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|-------------------|------------------------|--------------------------------------------------------------------------|--|
| TEMPLATE NO. | | TRIMCO TECHNICAL PUBLICATION | | | PRODUCT | |
| 20256 SHEET 2 OF 2 HEX & CYLINDER STYLE | | | | | LOCKDOWN HARDWARE RETROFIT KIT LDH100-VD U.S. PATENT NO. 8,915,523 | |
| 1351 Rocky Point Drive Oceanside, CA. 92056 323.262.4191 | |  Trimco SINCE 1949 | | | | |
| REVISION 02 | REV DATE: 03/03/18 | | ENGINEER: C. ODOM | CREATED DATE: 04/18/18 | | |

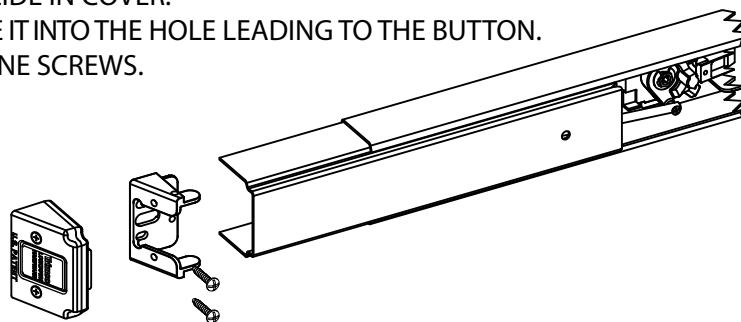
4

ONCE END CAP IS IN PLACE, SET MALE ROD POSITION BY PLACING THE END FLUSH WITH THE INSIDE OF THE END CAP BUTTON (4.1A) AND ENSURE THE COLLAR IS FLUSH TO THE END OF THE FEMALE ROD END. TIGHTEN THE HEX NUT COLLAR: SEE FIG. 4.1. TEST FUNCTION, ADJUST AS NECESSARY. WHEN OPERATING CORRECTLY REMOVE END CAP AND MOUNTING BRACKET TO INSTALL COVER.



5

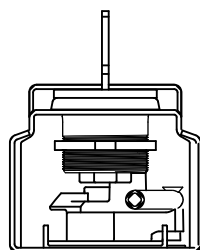
WITH END CAP AND MOUNTING BRACKET REMOVED SLIDE IN COVER. PARTIALLY PULL OUT THE ACTUATING ROD AND GUIDE IT INTO THE HOLE LEADING TO THE BUTTON. INSTALL THE CAP AND ATTACH WITH SUPPLIED MACHINE SCREWS.



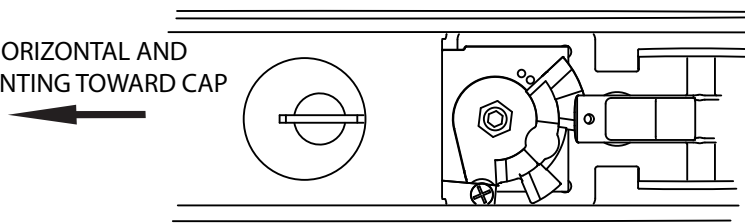
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CYLINDER DOGGING INSTALLATION IS VERY SIMILAR TO HEX DOGGING INSTALLATION. SET CAM TO DOGGED POSITION AND ADJUST ACTUATOR RODS AS IN INSTRUCTION 4. INSTALL COVER WITH CAM STILL SET IN DOGGED POSITION, SLIDE COVER WITH KEYED CYLINDER INTO POSITION. KEY IN POSITION AS SHOWN, CYLINDER CAM POINTED TOWARDS END CAP, SLIDE COVER WITH KEYED CYLINDER INTO POSITION, INSTALL MOUNTING BRACKET AND END CAP.

CYLINDER DOGGING



KEY HORIZONTAL AND
CAM POINTING TOWARD CAP



7

TEST INSTALLATION BY FIRST SETTING EXIT DEVICE IN THE DOGGED POSITION (A), THEN DEPRESS END CAP BUTTON (B) TO UNDOG EXIT DEVICE AND ENSURE IT IS IN THE LOCKED POSITION.

