



# SERVICE BULLETIN # 00077

201 INDUSTRIAL BOULEVARD • KEARNEYSVILLE, WV 25430

Phone: (304) 728-7056 • Fax: (304) 725-6579 • Toll Free: (800) 931-9214

PAGE: 1 of 4

DATE: 8-18-00

REVISION: 03

**SUBJECT:** Installation of Bottom Door Latch Kit

**MODELS:** Merlin 2000 with serial no. 1140 and below

**KIT NUMBER**

**KIT DESCRIPTION**

011,164,014

Bottom Door Latch Kit

**BEFORE WORKING ON VENDER:** Remove power from vender by unplugging vender's main power cord from the AC voltage power source (wall outlet).

### Instructions:

- 1- REMOVE EXISTING "T" HANDLE STUD AND REPLACE WITH STUD PROVIDED (PART NO. A803,006,021).
- 2- PLACE THE SPRING (PART NO. 914,017,011) ONTO THE STUD.
- 3- INSTALL NYLINER (PART NO. 916,010,001) INTO THE "T" HANDLE BRACKET AND PLACE THE BRACKET ON STUD.  
-NOTE- FLANGE SIDE OF NYLINER SHOULD FACE TO THE REAR OF THE DOOR AND 1/8" DIA. HOLE IN THE "T" HANDLE BRACKET SHOULD BE TOWARD THE BOTTOM OF THE DOOR.
- 4- USE E-RING TO SECURE THE SPRING AND BRACKET TO THE STUD.
- 5- WITH THE "T" HANDLE BRACKET IN A HORIZONTAL POSITION AND POINTING TOWARD THE VANDAL PANEL, PLACE THE ANGLE-BOTTOM LATCH ONTO THE SELECT PANEL FLANGE SO THAT IT IS IN CONTACT WITH THE BOTTOM SIDE OF THE BRACKET. MARK THIS LOCATION USING THE PRE-PUNCHED HOLE IN THE ANGLE. DRILL A 9/64" DIA. HOLE AND FASTEN THE ANGLE TO THE DOOR USING A #8-32 x 3/8" SEMS SCREW (PART NO. 901,011,021).
- 6- SNAP BUSHING (PART NO. 916,071,001) INTO CABLE GUIDES. USING THE EXISTING VANDAL PANEL CARRIAGE BOLTS, INSTALL CABLE GUIDES ON THE 2nd AND 3rd BOLTS UP FROM THE BOTTOM.

**-NOTE- THIS KIT WILL WORK ON VENDORS WITH SERIAL NO.'S 0000-1140 AND BEFORE. IT WOULD BE ADVISABLE TO CONTACT THE SERVICE DEPT. BEFORE ORDERING THIS KIT.**

**ANY QUESTIONS??? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT  
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- 7- REMOVE THE (2) CARRIAGE BOLTS FROM BOTTOM OF VANDAL PANEL AND INSTALL LATCH ASSEMBLY. SECURE THE LATCH ASSEMBLY BY USING (2) 1/4-20 x 1" CARRIAGE BOLT (PART NO. 901,008,001) SECURING THE LATCH ASSEMBLY TO THE BOTTOM OF THE DOOR IS OPTIONAL BUT MAY BE DONE BY DRILLING (2) 9/32" DIA. HOLES THROUGH THE BOTTOM OF THE DOOR USING THE LATCH ASSEMBLY AS A GUIDE. PLACE WASHER PLATE ON BOTTOM SIDE OF THE DOOR AND SECURE USING (2) 1/4-20 x 1" CARRIAGE BOLTS.
- 8- CRIMP CABLE SLEEVE (PART NO.906,015,001) TO ONE END OF CABLE THROUGH THE 1/8" DIA. HOLE IN THE "T" HANDLE BRACKET (CABLE SLEEVE SHOULD BE TOWARD THE FRONT OF THE DOOR). THEN RUN CABLE GUIDES AND THE 1/8" DIA. HOLE IN THE LATCH WITH THE "T" HANDLE BRACKET AND LATCH IN THE DOWN POSITION, LIGHTLY CRIMP THE SECOND SLEEVE ONTO THE CABLE. MAKE SURE THE LATCH IS RAISING AND LOWERING PROPERLY BY TURNING THE "T" HANDLE, ADJUSTMENTS CAN BE MADE BY SLIDING THE CABLE SLEEVE IN AND OUT. IF LATCH IS WORKING PROPERLY, CRIMP THE CABLE SLEEVE CLOSED.
- 9- PLACE THE LATCH STRIKE INTO THE SUPPORT CHANNEL AND FASTEN WITH A 1/4-20 CARRIAGE BOLT AND NUT.

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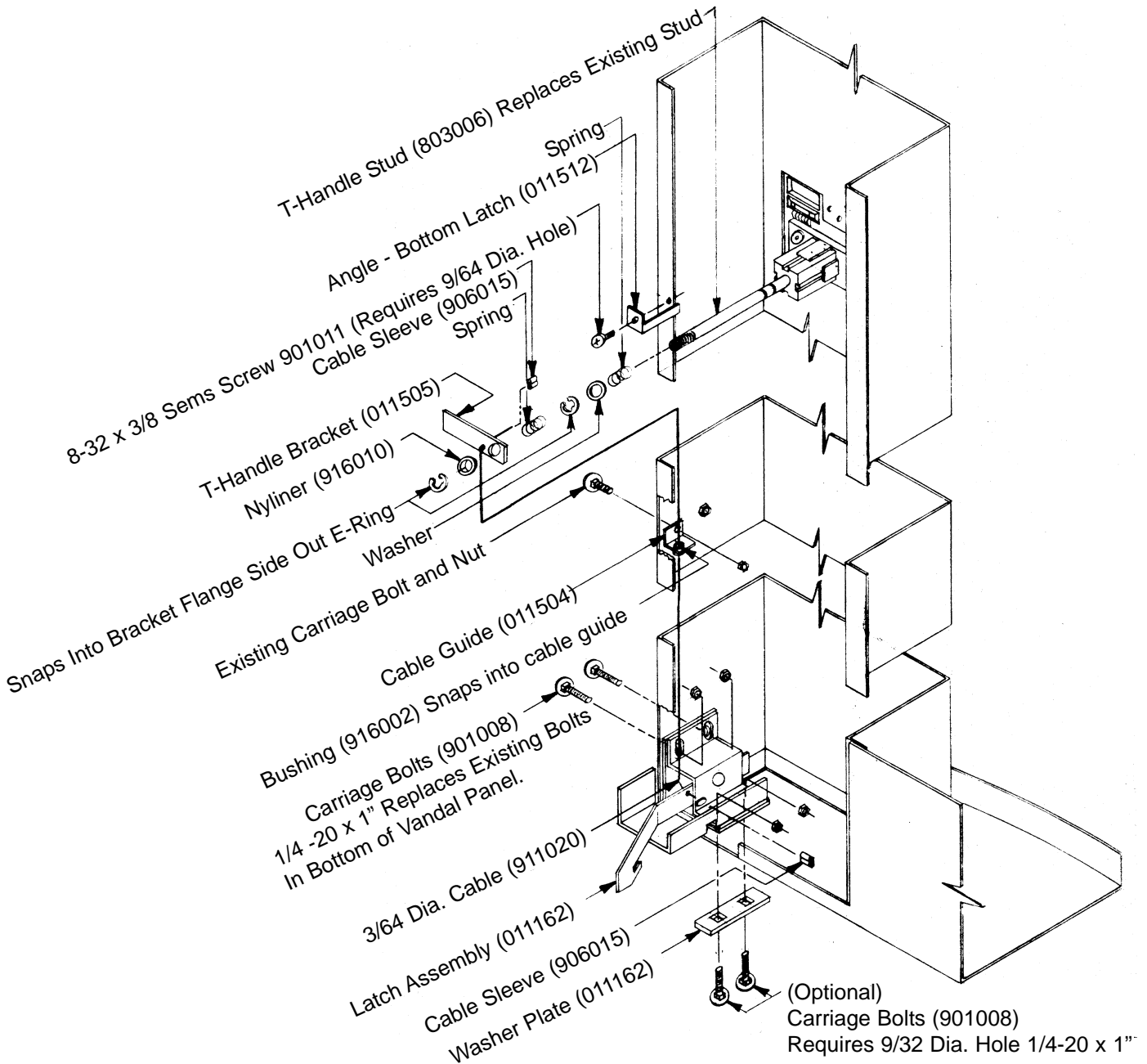
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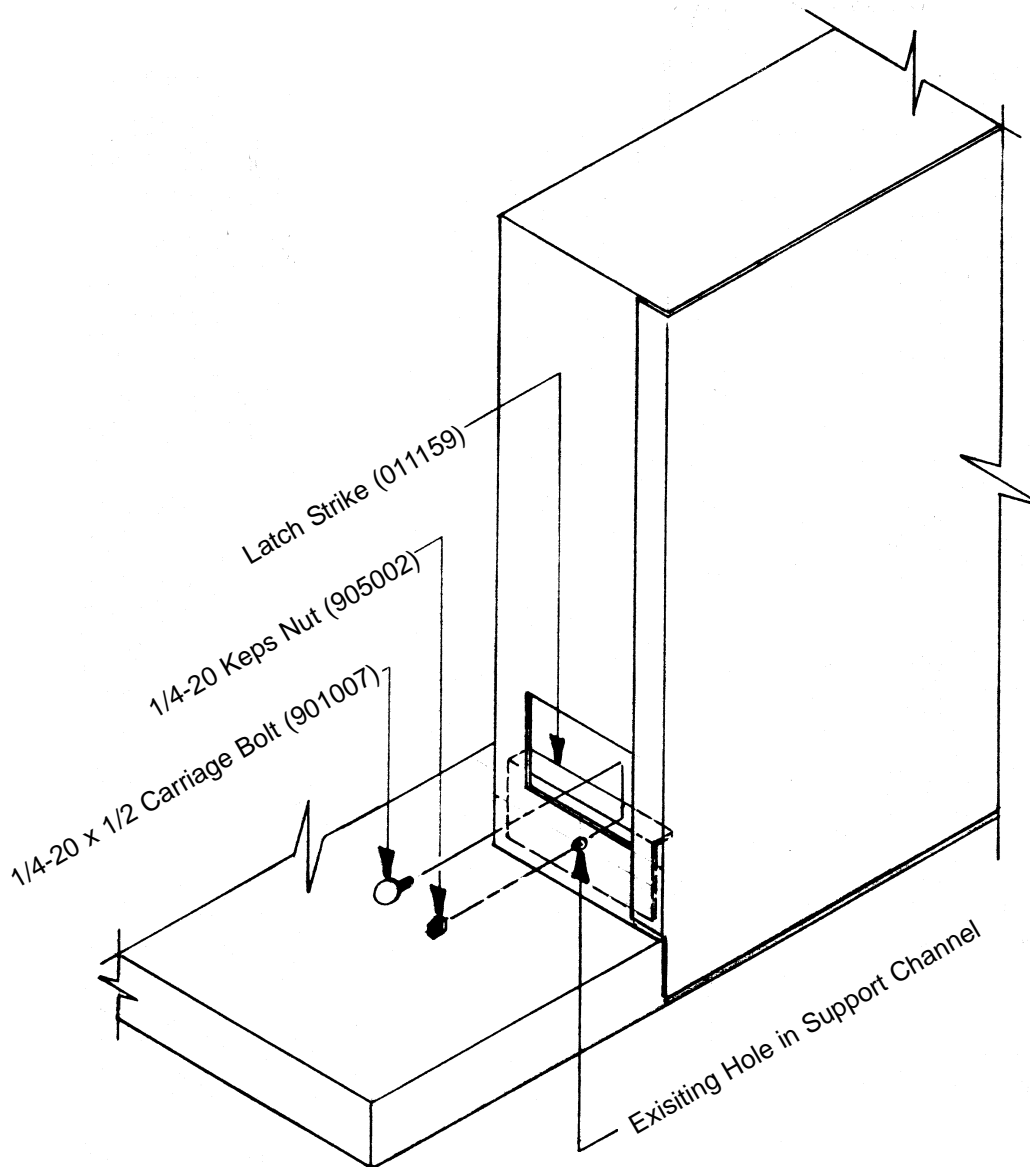
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