

INSTALLATION INSTRUCTIONS

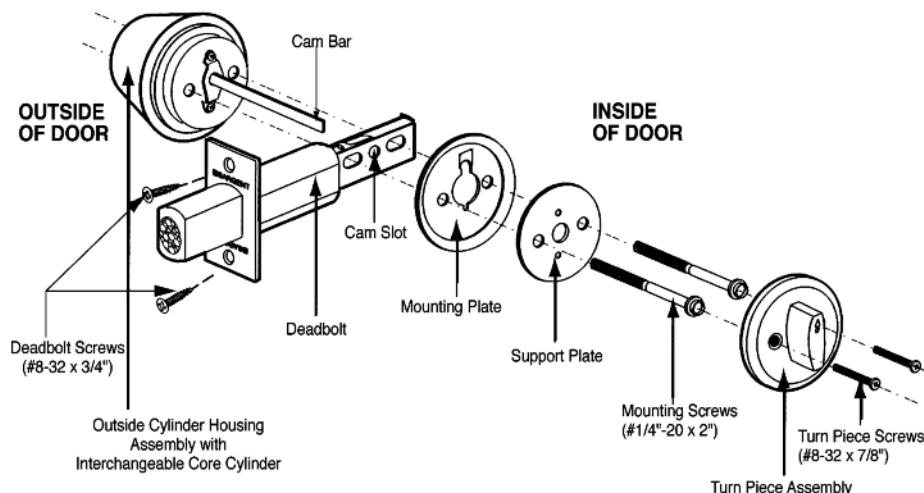
485, 486, 487 SINGLE CYLINDER 480 DEADBOLT

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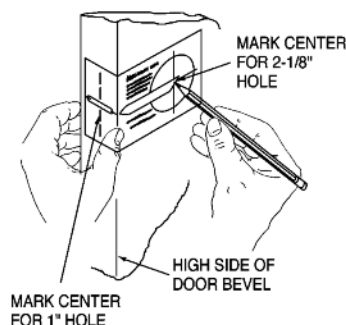
2-3/8" & 2-3/4" BACKSETS / INTERCHANGEABLE CORE 70-, 72-, 73- PREFIXES

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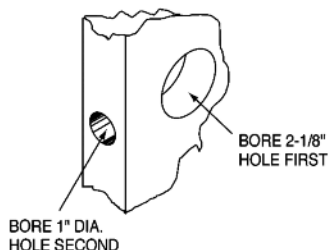
1 MARK HOLES

USING ENCLOSED TEMPLATE, MARK DOOR AS ILLUSTRATED AT DESIRED LOCK HEIGHT AND CORRECT BACKSET.



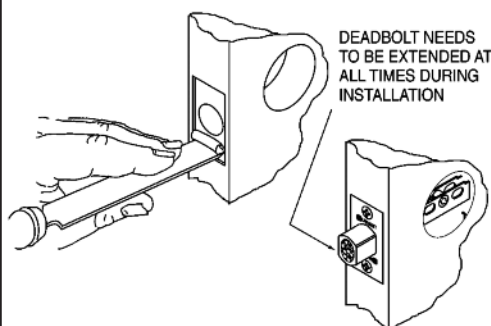
2 BORE TWO HOLES

DRILL 2-1/8" HOLE THROUGH BOTH SIDES OF THE DOOR AS SHOWN AND 1" DIA. HOLE INTO FRONT FACE OF THE DOOR. BE CERTAIN HOLES ARE PERPENDICULAR.



3 INSTALL DEADBOLT

INSERT DEADBOLT IN HOLE, KEEPING IT PARALLEL TO FACE OF THE DOOR AND SCRIBE LINE AROUND FACE PLATE. REMOVE DEADBOLT AND CHISEL OUT SCRIBED AREA TO DEPTH OF 1/8" OR UNTIL FACE IS FLUSH WITH DOOR EDGE. INSERT DEADBOLT WITH BOLT EXTENDED AND FASTEN WITH TWO 3/4" LONG FINISHED SCREWS.

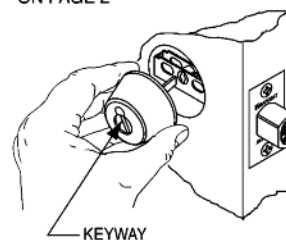


4 INSTALL OUTSIDE TRIM

A) MEASURE DOOR THICKNESS. IF DOOR IS 1 3/8" THICK, SHORTEN CAM BAR LENGTH AND USE SPACER RING—ORDER SEPARATELY AS #16-0317 x FINISH REQUIRED.

B) INSTALL CYLINDER HOUSING WITHOUT KEY, KEEPING CYLINDER CAM BAR IN LINE WITH CAM SLOT AND KEY WAY VERTICAL.

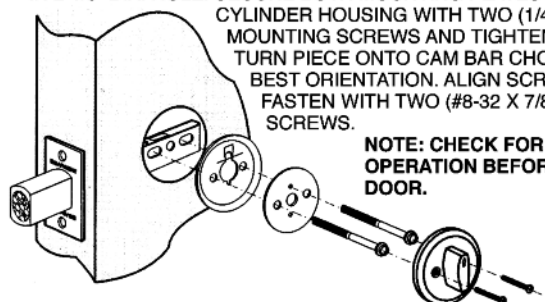
C) FOR CYLINDER INSTRUCTIONS SEE CORE REMOVAL INSTRUCTIONS ON PAGE 2



5 INSTALL INSIDE TRIM

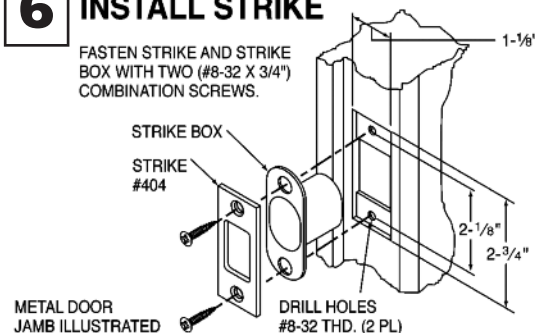
INSERT MOUNTING PLATE WITH SUPPORT PLATE ON TOP AND POSITION IN 2-1/8" DIA. HOLE. SECURE BOTH MOUNTING PLATES AND OUTSIDE CYLINDER HOUSING WITH TWO (1/4" - 20 X 2") MOUNTING SCREWS AND TIGHTEN EVENLY. PLACE TURN PIECE ONTO CAM BAR CHOOSING THE BEST ORIENTATION. ALIGN SCREW HOLES AND FASTEN WITH TWO (#8-32 X 7/8") TURN PIECE SCREWS.

NOTE: CHECK FOR PROPER OPERATION BEFORE CLOSING DOOR.



6 INSTALL STRIKE

FASTEN STRIKE AND STRIKE BOX WITH TWO (#8-32 X 3/4") COMBINATION SCREWS.



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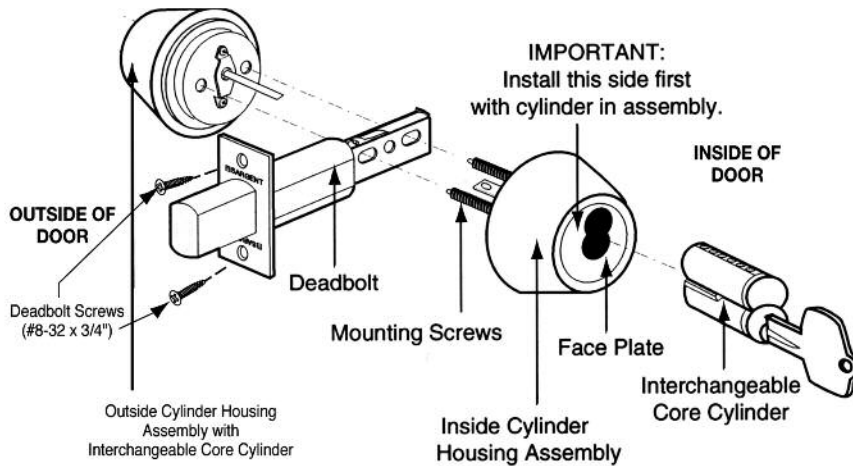
484 DOUBLE CYLINDER 480 DEADBOLT

2-3/8" & 2-3/4" BACKSETS / INTERCHANGEABLE CORE 70-, 72-, 73- PREFIXES

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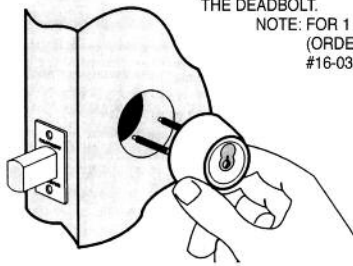
STEPS 1-, 2-, AND 3- PREPARE DOOR EXACTLY AS IN STEPS 1-, 2-, AND 3- OF SINGLE CYLINDER INSTALLATION (SEE OTHER SIDE)

NOTE: FOR 1 3/8" DOOR USE SPACER RING BOTH SIDES. (SEE STEP 4)

4 INSTALL INSIDE CYLINDER HOUSING

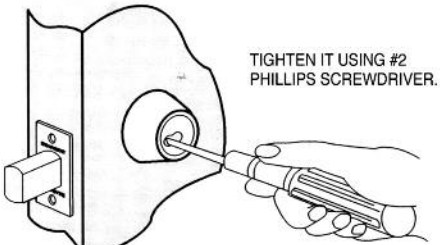
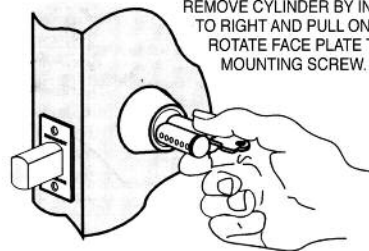
KEEP CYLINDER CAM BAR IN LINE WITH CAM SLOT AND MOUNTING SCREWS IN LINE WITH HOLES OF THE DEADBOLT.

NOTE: FOR 1 3/8" DOOR USE SPACER RING (ORDERED SEPARATELY #16-0317 X FINISH REQ.)



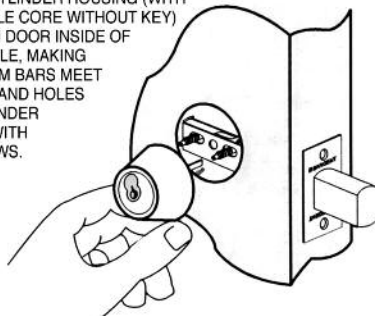
5 b) ATTACH OUTSIDE CYLINDER HOUSING

REMOVE CYLINDER BY INSERTING CONTROL KEY, TURN 15° TO RIGHT AND PULL ON KEY. USING CYLINDER, AS SHOWN, ROTATE FACE PLATE TO THE LEFT TO EXPOSE HEAD OF MOUNTING SCREW.

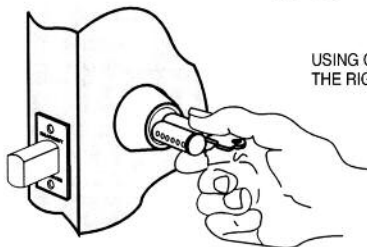


5 a) INSTALL OUTSIDE CYLINDER HOUSING

ALIGN OUTSIDE CYLINDER HOUSING (WITH INTERCHANGEABLE CORE WITHOUT KEY) AND POSITION ON DOOR INSIDE OF THE 2 1/8" DIA. HOLE, MAKING CERTAIN THAT CAM BARS MEET WITH FLAT SIDES AND HOLES OF OUTSIDE CYLINDER HOUSING ALIGN WITH MOUNTING SCREWS. (SEE BELOW)



USING CYLINDER, ROTATE FACE PLATE TO THE RIGHT AND TIGHTEN SECOND SCREW.



5 c) INSTALLING CORE

ROTATE FACE PLATE TO POSITION TO ACCEPT CORE. INSERT INTERCHANGEABLE CORE INTO INSIDE CYLINDER HOUSING, TURN KEY TO THE LEFT (THIS LOCKS INTERCHANGEABLE CORE INTO ASSEMBLY) AND REMOVE KEY.

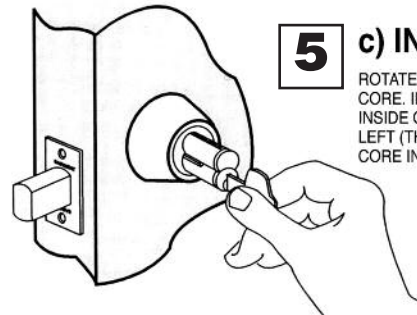
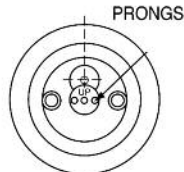
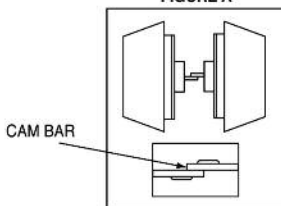


FIGURE A



CORE REMOVAL INSTRUCTIONS

To remove cylinder core insert control key marked "C". Turn 15° to right and pull on key. Before installing cylinder core be sure prongs are in position as shown, then install cylinder core.

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