C-410 PIVOTING DOOR SERIES KIT

INSTRUCTION SHEET
FOR 1-3/4" DOORS UP TO 150LBS PER PANEL

INSTALLATION INSTRUCTIONS

STEP 1
DETERMINE DOOR SIZE/HEADER HEIGHT BASED ON DIMENSIONS SHOWN IN DETAIL VIEWS AND CLEARANCE REQUIRED BELOW DOOR:
-MINIMUM OPENING HEIGHT (A) = DOOR HEIGHT + 4" 
-MAXIMUM OPENING HEIGHT (A) = DOOR HEIGHT + 5-1/8"

STEP 2
CUT TRACK TO LENGTH & DRILL 13/64" MOUNTING HOLES 10-12" C/C. 
TRACK LENGTH SHOULD EQUAL FINISHED OPENING SIZE LESS 1/8".
1) INSERT 5/16" X 1" HEX SOCAP SCREWS(2) THROUGH C-410-1 TOP PIVOT PLATE AND 
THREAD CAP SCREWS INTO C-410-2 TRACK CLAMP. 
2) INSERT ASSEMBLY IN TRACK ON PIVOTING END. 
3) INSERT C-994-PP BOLT THROUGH C-994-PP HANGER AND THREAD ONE 
C-410-5 LOCK NUT WITH WASHER FACING AWAY FROM HANGER. 
4) INSERT HANGER ASSEMBLY INTO OPPOSITE END OF TRACK. 
SECURE TRACK TO HEADER WITH #10 X 1-1/4" SCREWS (8).

STEP 3
PREPARE DOOR FOR C-410-3 DOOR PLATES. 
IT IS RECOMMENDED FOR PLATES TO BE FLUSH WITH TOP AND BOTTOM OF DOOR. 
(DRILL 7/16" CLEARANCE HOLES FOR PIVOT BOLTS) AND SECURE PLATES TO TOP 
AND BOTTOM OF PIVOTING DOOR, AND TOP OF MOVING DOOR WITH 
#10 X 1-3/4" SCREWS (3 PER PLATE). 

STEP 4
LOCATE AND INSTALL C-410-4 BOTTOM PIVOT PLATE ON FLOOR 
WITH #10 X 1-1/2" FLAT HEAD SCREWS (4). 
FOR 1-3/4" DOORS A MINIMUM OF 1-7/8" FROM WALL TO CENTER OF PIVOT BEARING 
ON BOTTOM PLATE IS REQUIRED. (SEE DIMENSION DETAILS).

STEP 5
1) THREAD C-410-5 LOCK NUT(1) ONTO C-410-4 TOP PIVOT STUD AND THREAD INTO TOP 
DOOR PLATE OF PIVOTING DOOR. 
2) THREAD 3/8" HEX NUT ONTO C-410-3 BOTTOM PIVOT 
STUD AND THREAD INTO BOTTOM DOOR PLATE OF PIVOTING DOOR. 
(NOTE: THREAD 
BOLTS FULLY INTO DOOR PLATES IN ORDER TO PROVIDE ADEQUATE CLEARANCE FOR 
NEXT STEP).

STEP 6
DOORS SHOULD BE PREASSEMBLED WITH HINGE (BY OTHERS) BY THIS STEP. 
RAISE DOOR ASSEMBLY IN PLACE BY POSITIONING C-410-4 TOP PIVOT BOLT 
INTO C-410-1 TOP PIVOT PLATE. 
GUIDE C-410-3 BOTTOM PIVOT BOLT 
INTO C-410-4 BOTTOM PIVOT PLATE BEARING.

STEP 7
CAREFULLY SWING MOVING DOOR INTO POSITION AND 
ENGAGE C-994-PP BOLT (STEP 2) INTO C-410-3 
DOOR PLATE. ADJUST BOLT WITH 5/16" WRENCH. 
SECURE SETTING WITH LOCK NUT. 
ALTHOUGH HANGER C-994-PP IS RATED FOR OVER 150LBS, 
MAJORITY OF LOAD SHOULD BE CARRIED BY THE BOTTOM 
PIVOT ASSEMBLY FOR SMOOTH OPERATION.

STEP 8
ADJUST C-410-4 TOP PIVOT BOLT UPWARDS USING A 5/8" 
WRENCH TO RE-ENGAGE C-410-1 TOP PIVOT PLATE AND 
LOCK TRACK PLATE ASSEMBLY USING 3/16" HEX KEY.

STEP 9
IF PIVOTING OF DOOR RESULTS IN BOTTOM PIVOT BOLT 
LIFTING OFF OF C-410-4 BOTTOM PIVOT PLATE THIS 
INDICATES THAT THE PIVOTING PLANE IS NOT 
PERPENDICULAR TO THE TRACK. ADJUST PLUMB AS 
REQUIRED BY REPOSITIONING TRACK PLATE ASSEMBLY. 
ONCE ADJUSTMENTS ARE FINAL, LOCK IN 
PLACE WITH C-410-5 LOCK NUTS.