

CRT-103 FACE MOUNT GLASS HANGER SLIDING DOOR KIT

INSTRUCTION SHEET
FOR 3/8" [10mm] OR 1/2" [12mm] GLASS DOORS

KNC

PARTS LIST (FOR 1 DOOR KIT)

CRT-103 HANGER
S/S (2)

CRT-103 FRONT
SCREW S/S (4)

CRT-103 BACK
CLAMP S/S (4)

CRT-100
ANTI-LIFT
S/S (2)

5/16"-18 X 3/4" LOW
PROFILE HEAD S/S
SOCKET CAP
SCREW (2)

CRT-111-WB WALL
MOUNT BRACKET
S/S (★)

CRT-103 INSIDE
CLAMP S/S (4)

CRT-103 RUBBER
O-RINGS (8)

CGGS-038 OR CGGS-012
ALUMINUM BOTTOM GLASS
STATIONARY GUIDE
BASED ON GLASS SIZE (1)

EXPANSION
SHIELD (★)

CRT-100 SOLID S/S
ROUND BAR TRACK
(1 X KIT LENGTH)

CRT-110 SHOCK
ABSORBING STOP
S/S (2)

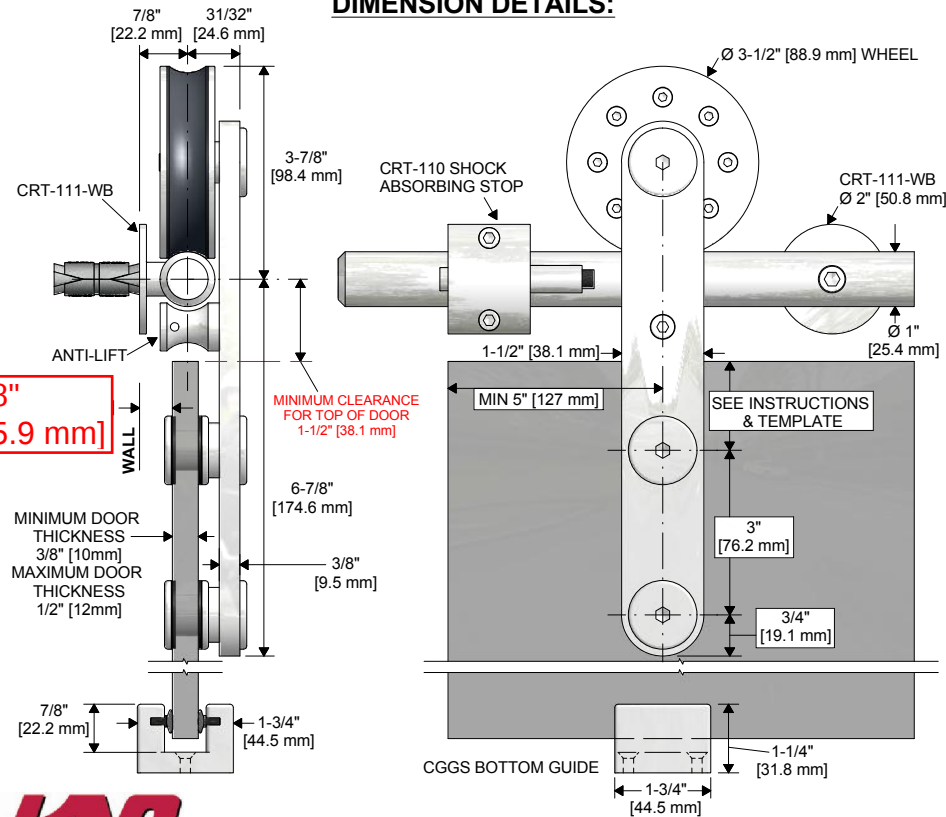
#6 X 1-1/2" FLATHEAD
SCREWS (2)

5/16"-18 X 3" S/S
SOCKET CAP
SCREW (★)

LEGEND
S/S - STAINLESS STEEL
★ - QUANTITY IS BASED ON KIT SIZE
-72" KIT INCLUDES 5 SETS (SPACING: 8"[203.2] -14"[355.6] X 4 -8"[203.2])
-84" KIT INCLUDES 6 SETS (SPACING: 7"[177.8] -14"[355.6] X 5 -7"[177.8])
-96" KIT INCLUDES 6 SETS (SPACING: 8"[203.2] -16"[406.4] X 5 -8"[203.2])
-108" KIT INCLUDES 7 SETS (SPACING: 6"[152.4] -16"[406.4] X 6 -6"[152.4])
-120" KIT INCLUDES 8 SETS (SPACING: 7.5"[190.5] -15"[381] X 7 -7.5"[190.5])
-144" KIT INCLUDES 9 SETS (SPACING: 8"[203.2] -16"[406.4] X 8 -8"[203.2])

SPECIFICATIONS:
-LOAD CAPACITY: 350 LBS PER DOOR.
-FOR SURFACE MOUNT/BARN STYLE APPLICATIONS.
-HEAVY-DUTY PRECISION BALL BEARING WITH DELRIN WHEEL. (1 PER HANGER)
-NO HEIGHT ADJUSTMENT AVAILABLE ON HANGER

DIMENSION DETAILS:



INSTALLATION INSTRUCTIONS

STEP 1
DETERMINE OPENING SIZE, DOOR SIZE & WALL HEIGHT BASED ON DIMENSIONS SHOWN IN DETAIL VIEWS AND CLEARANCE REQUIRED BELOW DOOR. TRACK SHOULD BE AT LEAST TWO TIMES DOOR WIDTH. EXAMPLE: 36" DOOR REQUIRES 72" TRACK. TRACK LENGTHS ARE ONLY AVAILABLE IN PER FOOT INCREMENTS. **CRT SERIES TRACK MUST BE INSTALLED ONTO SOLID BACKING/SUPPORT (IN WALL).** [FOR DRYWALL/WOOD BACKING, SEE SEPARATE INSTRUCTION SHEET]

STEP 2
ONCE DOOR SIZE HAS BEEN DETERMINED, CALCULATE THE DISTANCE FROM THE FINISHED FLOOR TO THE CENTER OF THE TRACK WITH THE FOLLOWING FORMULA: (NOTE: MINIMUM GROUND CLEARANCE IS 3/8" [9.5 mm], 1/2" [12.7 mm] IS USED FOR CALCULATION EXAMPLE. MINIMUM CLEARANCE FROM CENTER OF THE TRACK TO THE TOP OF THE DOOR IS 1-1/2" [38.1mm], 1-3/4" [44.5mm] IS USED FOR CALCULATION EXAMPLE.)
DOOR HEIGHT (A) + 1-3/4" [44.5 mm] + MINIMUM 1/2" [12.7 mm] GROUND CLEARANCE (B) = DISTANCE TO CENTER OF TRACK.
I.E. FOR 84" [2134 mm] DOOR: 84" [2134 mm] (A) + 1-3/4" [44.5 mm] + 1/2" [12.7 mm] = 86-1/4" [2191 mm]
FROM FINISHED FLOOR TO CENTER OF TRACK.

STOP: PLEASE REVIEW ANCHOR TYPE BEING USED BEFORE PROCEEDING. FOR WOOD ANCHORS, PLEASE REFER TO SEPARATE INSTRUCTION SHEET

STEP 3 (THIS STEP APPLIES TO EXPANSION SHIELD ONLY)
MARK A HORIZONTAL LINE WITH A LEVEL ON WALL AT THE MEASUREMENT CALCULATED IN STEP 2. LOCATE TRACK ON WALL AND MARK HOLE LOCATIONS AS PER SPACING SHOWN IN THE LEGEND OR WITH TRACK. DRILL HOLE AT LEAST 2" DEEP AT THE LOCATIONS MARKED.

STEP 4 (THIS STEP APPLIES TO EXPANSION SHIELD ONLY)
INSERT ONE EXPANSION SHIELD (SUPPLIED) INTO EACH HOLE.
NOTE: INSERT WITH THREADED END INTO THE HOLE FIRST.

STEP 5
INSERT ONE CRT-111-WB (WALL BRACKET) INTO EACH HOLE ON THE BACK OF THE TRACK (LARGE HOLE ON TRACK IS THE BACK SIDE) WHILE PUTTING ONE 5/16"-18 X 3" S/S SOCKET CAP SCREW THROUGH THE FRONT HOLE.

STEP 6
LIFT TRACK UP TO WALL AND LOOSELY SCREW THE SOCKET CAP SCREWS INTO THE EXPANSION SHIELDS PLACED IN STEP 4. SECURE TRACK TO WALL BY TIGHTENING SOCKET CAP SCREWS. ENSURE THAT EXPANSION SHIELDS HAVE BEEN FULLY SEATED.

STEP 7
PREPARE THE DOOR FOR MOUNTING THE CRT-103 STRAP HANGERS. MINIMUM HOLE SIZE IN DOOR MUST BE 25/32" [19.8mm]. SEE DIMENSION DETAILS AND TEMPLATE ON THE RIGHT FOR HOLE LOCATION. HANGERS SHALL BE INSTALLED A MINIMUM 5" FROM THE CENTER OF THE HANGER TO THE EDGES OF THE DOOR. USE TWO SETS OF CRT-103 FRONT SCREW, INSIDE CLAMP, O-RINGS & BACK CLAMP TO SECURE HANGER TO DOOR.

STEP 8
PLACE DOOR ONTO TRACK. THE DELRIN WHEEL SHOULD BE RESTING ON THE TOP OF THE ROUND BAR TRACK.
INSTALL CRT-100 ANTI-LIFT ONTO CRT-103 HANGER WITH THE SUPPLIED 5/16"-18 X 3/4" LOW PROFILE HEAD S/S SOCKET CAP SCREW WITH LOCTITE. **NOTE: THE "CRT-103 ANTI-LIFT" COMPONENT MUST BE INSTALLED AS THIS WILL PREVENT THE DOOR FROM LIFTING OFF THE TRACK. USE AN ALLEN KEY TO HOLD THE ANTI-LIFT (HOLE IN ANTI-LIFT) WHILE TIGHTENING THE SOCKET CAP SCREW.**

STEP 9
INSTALL CRT-110 SHOCK ABSORBING STOPS FROM THE END OF THE TRACK. LOOSEN THE CAP SCREWS HOLDING THE CLAMP TOGETHER TO ALLOW YOU TO SLIDE IT ONTO THE TRACK FROM THE ENDS. THE STOPS ARE REVERSIBLE. LOCATE THE STOPS AS REQUIRED TO LIMIT THE SLIDING DISTANCE OF THE DOOR AND SECURE THE STOP CLAMP TO THE TRACK WITH THE TWO CAPS SCREWS. **NOTE: THE "CRT-110 STOPS" MUST BE INSTALLED AS THIS WILL PREVENT THE DOOR FROM RUNNING OFF THE TRACK AND PROVIDE THE REQUIRED STOPPING FORCE FOR THE DOOR(S).**

STEP 10
LOCATE AND FASTEN THE CGGS-038 (FOR 3/8" [10mm] GLASS) OR CGGS-012 (FOR 1/2" [12mm] GLASS) BOTTOM STATIONARY GUIDE WITH TWO #6 X 1-1/2" FLATHEAD SCREWS TO THE FLOOR AT CENTER OF TRAVEL LENGTH. THE CGGS GUIDE SHOULD GUIDE THE DOOR WHEN IN THE FULLY OPENED OR CLOSED POSTION.

STEP 4

THREADED END

MINIMUM DISTANCE WITH 1-1/2" CLEARANCE FROM TOP OF DOOR TO CENTER OF TRACK

MINIMUM DISTANCE WITH 1-3/4" CLEARANCE FROM TOP OF DOOR TO CENTER OF TRACK

MINIMUM DISTANCE WITH 2" CLEARANCE FROM TOP OF DOOR TO CENTER OF TRACK

STEP 7

MIN 5" [127 mm]

STEP 8

INSERT 1/8" ALLEN KEY HERE

STEP 9

STEP 10

MIN 5" [127mm] TO EDGE OF DOOR

MINIMUM 25/32" [19.8 mm] HOLES

3" [76.2mm]

K.N. CROWDER MFG. INC.
1220 BURL OAK DRIVE
BURLINGTON, ONTARIO, CANADA, L7L 6B3
TELEPHONE: 905-315-9788 - FAX: 905-315-8090
TOLL FREE FAX: 1-800-567-0123
WEBSITE: www.kncrowder.com --- E-MAIL: customerservice@kncrowder.com

K.N. CROWDER INC.
210 EIGHTH STREET SOUTH
LEWISTON, NEW YORK, U.S.A. 14092
TELEPHONE: 1-716-754-8247
TOLL FREE FAX: 1-800-567-0123

CRFT-DS DRYWALL SPACER

INSTRUCTION SHEET



NEW PARTS SUPPLIED IN CRT & CFT SERIES KITS



CRFT-DS Ø1-5/8" X 1/2" ALUMINUM
DRYWALL SPACER (X)
(SEE RESPECTIVE PRODUCT
INSTRUCTION SHEETS FOR QUANTITY)

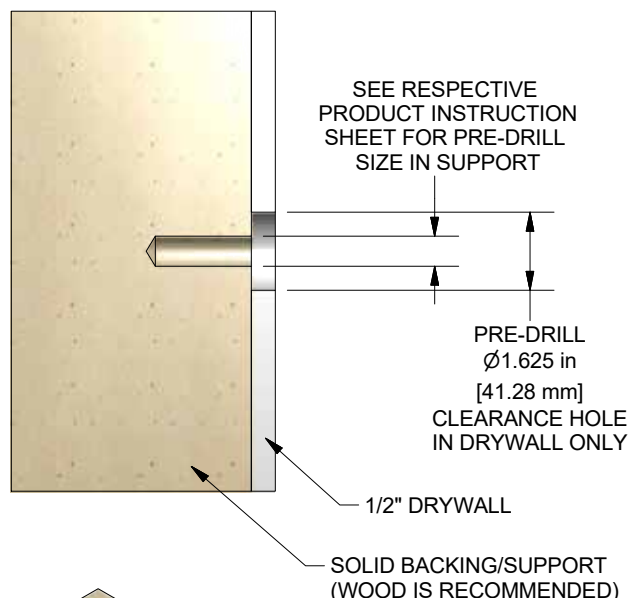
SUPPLIED WITH 1/2"
ALUMINUM SPACER AND
1/8" STEEL SPACER TO
ADD FOR 5/8" DRYWALL

REVISED STEPS:

AFTER MARKING A HORIZONTAL LINE WITH A LEVEL ON THE WALL AT THE MEASUREMENT AS PER THE RESPECTIVE PRODUCT INSTRUCTION SHEETS, LOCATE TRACK ON WALL AND MARK HOLE LOCATIONS AS PER THE SPACING STANDARDS BASED ON TRACK LENGTHS FOUND IN CHART A ON THE TEMPLATE SHEET OR WITH THE TRACK ON SITE.

ONCE THE HOLE LOCATIONS ARE MARKED, PRE-DRILL HOLES INTO THE WOOD SUPPORT AS REQUIRED ON THE RESPECTIVE PRODUCT INSTRUCTION SHEETS.

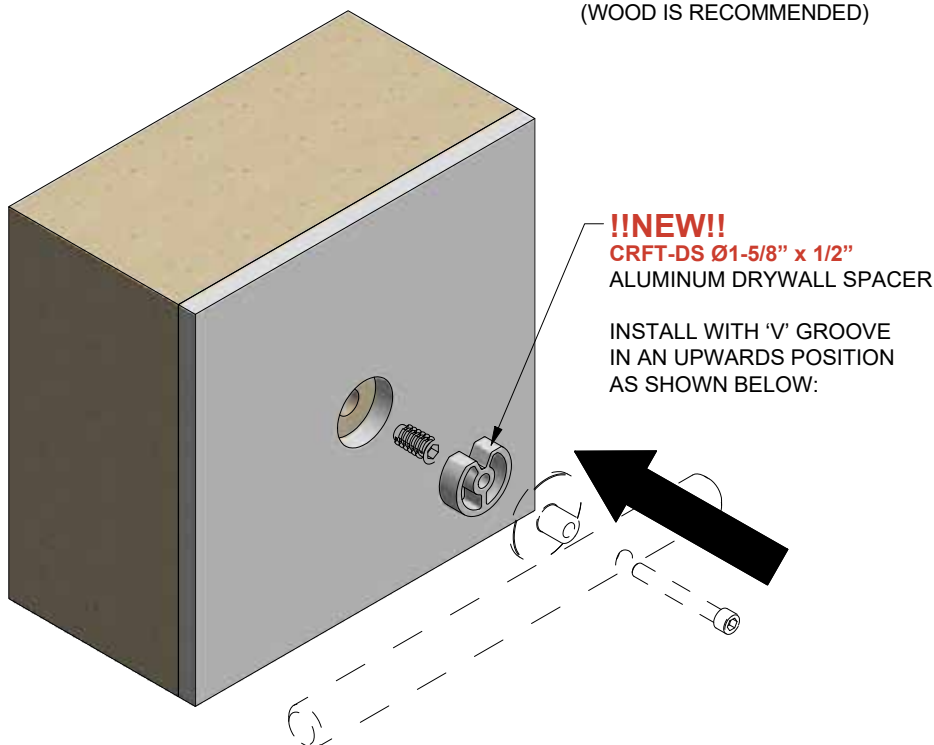
IF THERE IS DRYWALL PRESENT, PRE-DRILL A Ø1-5/8 in [41.3 mm] CLEARANCE HOLE IN THE DRYWALL PORTION OF THE HOLES ONLY. SEE ILLUSTRATIONS SHOWN TO THE RIGHT FOR ASSISTANCE.



REVISED STEPS:

INSTALL TRACK ONTO WALL WITH THE NECESSARY COMPONENTS AND IN THE ORDER AS SHOWN ON THE RESPECTIVE PRODUCT INSTRUCTION SHEETS. THE ILLUSTRATIONS TO THE RIGHT IS BASED ON DRYWALL APPLICATION. **NOTE: ENSURE TRACK IS LEVELED AND FULLY SECURED TO THE SUPPORT.**

INSTALL THE CRFT-DS DRYWALL SPACERS WITH THE "V" GROOVE IN AN UPWARDS POSITION AS PER THE ILLUSTRATION TO THE RIGHT.



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