Chapter 18 – Installing Sliding Doors Over Carpet

Door Opening and Preparation	1. Before removing packaging, check doors and frame for damage. If damaged, notify Construction Supervisor (CS). Check to see if doors have been predrilled for door pulls. If they have, pairs will have holes at opposite edges 2. Select pairs of doors that match in visual appearance (grain pattern, color) & correct door pull locations, etc. 3. Put two doors together and check for bow. Plan to install with concave faces together, best side toward the room. 4. Confirm: Door Ht. is 80"; rough opening Ht. at both ends is ~ 83"; header is level within 1/8". If not, see CS. 5. Check Jack stud and flush wall for plumb and gaps. If out of plumb by 1/8" or if any gap exceeds ½", notify CS. 6. Install track 2" back from room side wall surface and attach with three 2 ½" wafer-head screws – middle & both ends. Orient track with roller grooves toward the rear of the closet.
Install Door Hardware	7. Decide which door will be placed in front and rear position in the track. The front door edge should not be visible when entering the room. 8. Place doors on horses, room side up. Protect with padding. Install door pulls. Use a piece of wood to protect the pulls and hammer into holes. If pull holes are not present, use a ¾" Forstner bit and drill 36" up from the bottom and 1 ½" in from the wall edge. 9. Open door packaging including track, hardware, screws, along with either four identical hangers or two pairs with different overhang—deep overhang for rear door. Turn doors over and install hangers by hand tightening a screw in the single hole and the top of the long slot in each hanger. Install 2" from the door edges. (See Fig 18-2, Manual Chapter 18). 10. Hang the doors by tilting the top of door inward into the closet. Install rear door first by engaging rollers in the groove at the back of the track, then the front door in the groove at the inside front of the track. 11. Close the doors. At the middle of the door opening, measure the gap from the bottom of the door to the floor. Gap should be 1" – 1 1/2"; Make sure doors are in correct position (door pulls are next to the walls) and loosen the screws slightly to adjust doors so the door edges make uniform contact with the walls and the door-floor gap is within above specifications. Note: If floor trim has already been installed, install top and bottom bumpers (see step 25) and adjust door hangers so wall/trim contact is made with both. 12. If doors have been adjusted to their highest position and floor-door bottom gap is <u>less than the lower limit</u>, the door may have to be cut off. If so, see the SL or CS for direction. If doors have been adjusted to their lowest position and the gap is greater than upper limit, remove the doors and track and install a shim above the track of proper thickness to bring the gap within limits 13. Verify the door edge-to-wall contact is uniform top-to-bottom, the door-to-floor gap at the middle of the closed doors is within specification and add the third screw to each hanger at the BOTTOM of the short slot.
Install Door Track and Hang Doors Finish Doorway Installation	14. Finish screwing the track to the header using a 2 ½" wafer-head screw in every other hole. 15. Cut a ¾" x 1 ¼" pine strip. With the ¾" face against the track, nail the strip to the header using 2 ½" collated finish nails. 16. Obtain a door guide from the <u>Finish Door Kit</u>. Make a pencil line on the floor at the midpoint of the opening. Keep doors closed and slide two layers of 5" x 6" x ¼" shims under the doors. Place the door guide on the shims, slide it under the doors, visually estimate overlap. If about 1/8". If adjustment is needed, use the appropriate mix of ¼" and 1/8" shims. Note: If 5" x 6" shims are not available, use sets of 3" x 5" shims and tape together with painter's tape. 17. Move both door panels tight to the Jack stud side of the closet. Center the shims on the midpoint mark, oriented so the 5" dimension is parallel to the doors. 18. Adjust the sliding door guide to fit the thickness of the doors and slide it under the door edges and center it on the 5x6 shims. Keeping the shim centered on the midpoint and the guide centered on the shim, move the spacers blocks and the doors until the reveal between the door and the corner of the wall is uniform from top to bottom. (Fig 18.4) Nail the shims to the floor with a 1 ¼" collated finish nail in each corner. If 3" x 5" shims are used, nail four nails in each 3" x 5" piece. Remove door guide and put it on the windowsill with screws provided with the door hardware. 19. Measure the width of the opening at the track and cut a piece of floor trim to that length. With the square edge tight to the plaster, nail with **1 ¼" collated finish nails**. Keep nails 3" away from the edges to avoid splitting. Fill nail holes with putty. 20. Install bumper pads (located in the Finish Door Kit. Attach 1" DIA x 3/8" felt pads at the top of the vertical edges of each door and 1" DIA x 1/8" vinyl pads at the bottom edges of each door.

Quality Points

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- Two doors match in visual appearance

- Gap between bottom of doors and 5" x 6" x ¼" spacers is between ¾" – 7/8". Shims have been nailed to the floor with 1 ¼" collated finish nails. Door guide from Finish Door Kit has been left on the windowsill along with mounting screws

- Door edges contact the walls uniformly from top to bottom (or bumper contact is made to wall/trim if bumpers installed)

- Door(s) against Jack stud(s) show uniform reveal from top to bottom

- Doors slide easily and smoothly after nailing trim piece

- Door pulls have been installed at correct height and distance from the door edges.

- Front door edge is not visible when entering the room.

- Track has been secured with 2 ½" wafer-head screws in every other mounting hole