TT Radius Replacement Manual

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Table of Contents

Bill of Materials

Part Number	Description	Quantity
01081021	1/8 Conical Bit	1
04016333	Hard coated TT Radius	2
04058112	TT Splice Plate	4
04224011	Bag of Splice Plate Screws	1
06820191	CC Tape Cut to Length	1
06972071	Buttsplice Red Connectors	20
55555237	9/64 screw machine drill bit	1
22016011	Roll of Electrical Tape	1
93152724	8-32 x 15/16 Screw With Locking Patch	2
93202723	8-32 x 1-1/4 Screw With Locking Patch	2
93042723	8-32 x 1/4 truss head screw	2
93082723	8-32 x 1/2 Truss Head Screw	2
00726011	TT/CC Radius Replacement Manual	1

Replacement Procedure

1. Remove the flat head screws that hold the speaker panel to the customer vertical tube. The panel can hang by the speaker lead.

2. Go inside and send the carrier to the car position outside.

SKIP STEPS 3 & 4 IF THIS IS A BANKING LANE

3. Open the right door of the inside vertical wall standoff. The door is hinged; removing the two screws on the door near the tube will allow the door to open.

4. Push & hold the brake release button on the brake board.

5. On the front of the tube, insert a screwdriver into a slot of the drive tape.

6. Push up on the screwdriver pushing the tape up. Observe the carrier outside as it lowers. Do not let the carrier hit the island. Do this until the drive tape disengages the drive sprocket.

7. Go outside and pull the carrier and drive tape completely out of the unit.

8. Shut off the main power at the building breaker.

9. Start with the inside or outside radius. Remove the splice plate screws that hold the radius to the vertical and horizontal tubes.

10. Remove the old radius. You may have to remove some braces that hold the horizontal in place or the airlock to give you enough room to remove the radius.

11. Disconnect the horizontal cable if there is a connection at or near the area that you are removing the radius. If there is not a connection, cut the cable where you have room and splice the wires back together again when you are installing the new radius.

12. Check the ends of your horizontal and vertical tube for burrs. Remove the burrs if needed with the conical bit provided.

13. **Clean all tape slots in all of the tube sections** to remove all metal dust and debris to prevent premature wear of new parts.

14. Feed the horizontal cable that you separated through the new radius.

15. Connect the horizontal cable together by either connecting the connectors together or splicing the wires together using the red buttsplices provided. Wrap the connection with electrical tape.

16. Using the splice plates and screws provided, assemble the new radius to the horizontal and vertical tube, (Please see the diagram on page 4). Make sure that the joints are smooth were the tape runs through.

17. Repeat steps 9 through 15 for the other radius.

18. Remove the screws that attach the carrier to the drive tape.

19. Use the old drive tape to measure and cut the new drive tape provided. Bevel the ends of the new drive tape with a file, (Please see the diagram below on how to do this).

20. Mount the carrier to the new drive tape with the hardware provided, (Please see pages 5 and 6 on how to do this).

21. Feed the drive tape back into the unit until you feel the drive tape stop.

22. Go inside and turn the power back on at the building breaker.

23. Press the inside control power button on.

24. Insert a screwdriver into a slot in the drive tape.

SKIP STEP 25 IF THIS IS A BANKING LANE

25. Press and hold the brake release button on the brake board.

26. Pull down on the screwdriver feeding the tape around the drive sprocket. Continue to do this until the carrier is resting on the stabilizers outside. Be careful that the carrier is not caught on the speaker lead.

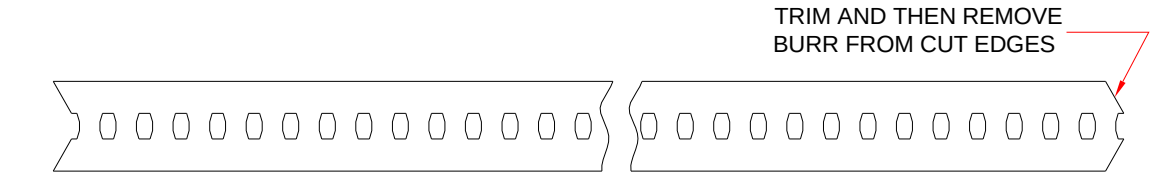
27. Recall the carrier.

28. Run the unit and observe for proper operation. Note: If the carrier started out above the stop switches, it will not shift into high speed. Simply run the carrier again and it should shift into high.

29. Check the shift point adjustments, (Please see the diagram on page 7). Adjust the shift points if needed.

30. Close the doors on the inside vertical standoff and replace the speaker panel on the customer vertical.

TAPE PREPARATION



TAPE-CLEANING END
USE ONLY FOR CLEANING BEFORE THE NEW TAPE IS INSTALLED, THEN RESHAPE TO FINISH END.

TAPE-FINISH END
(BOTH ENDS OF TAPE)

TRACK PREPARATION

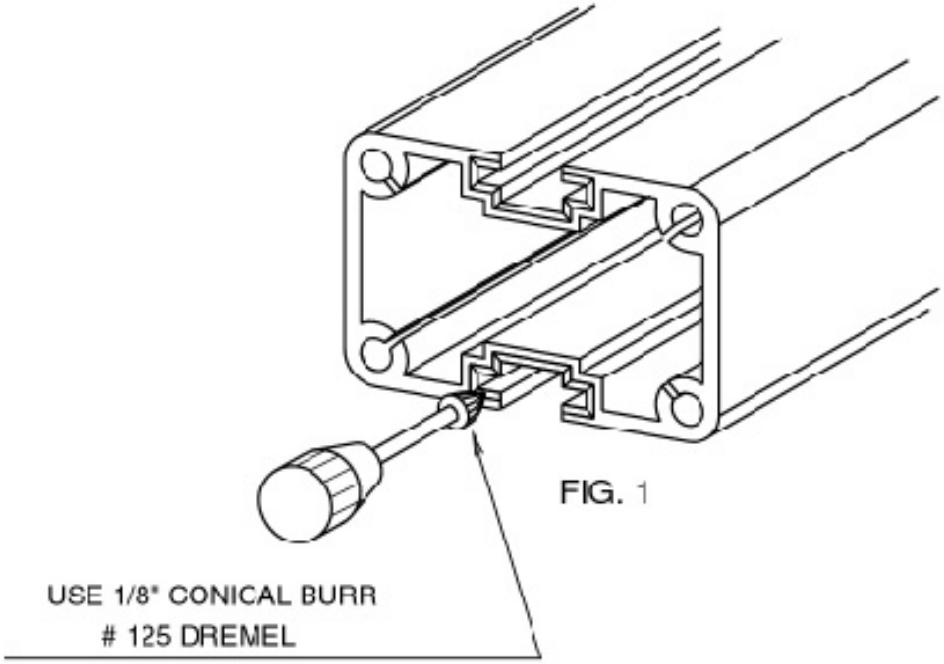


FIG. 1

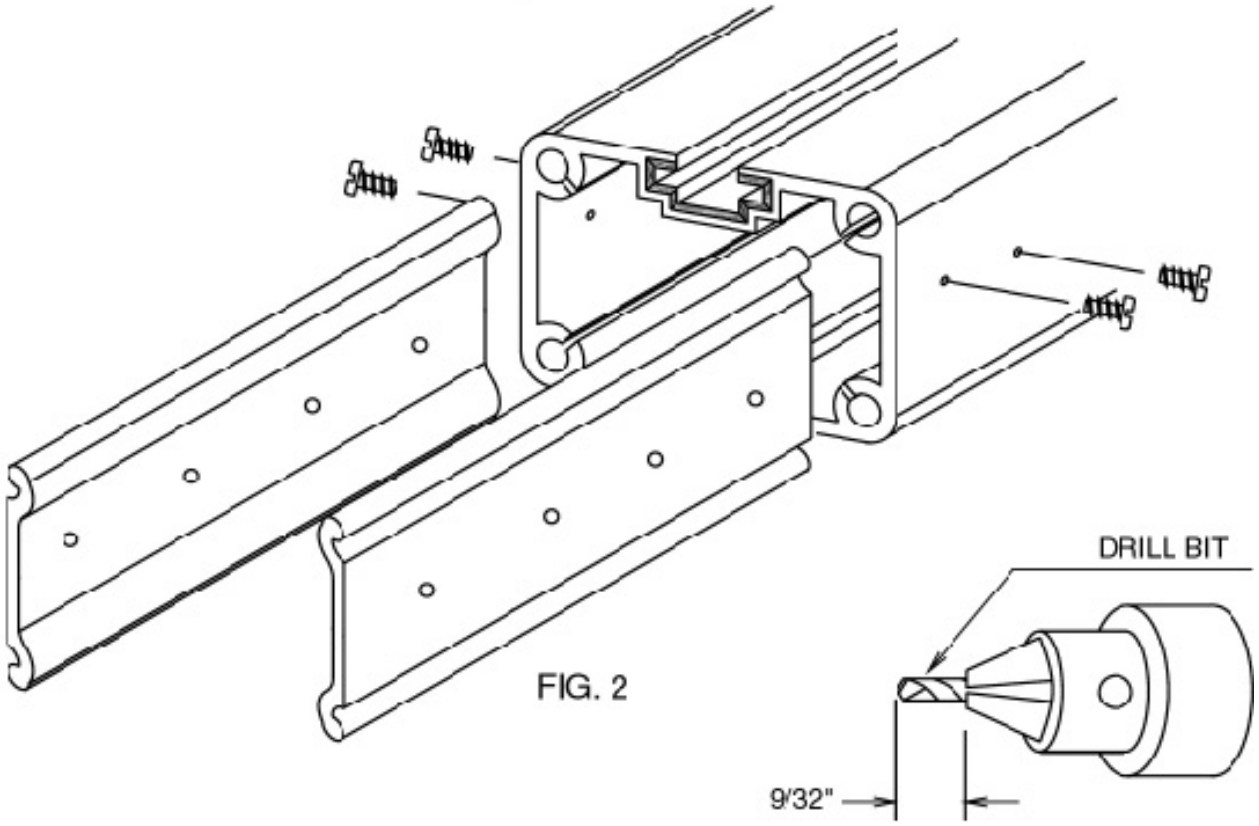
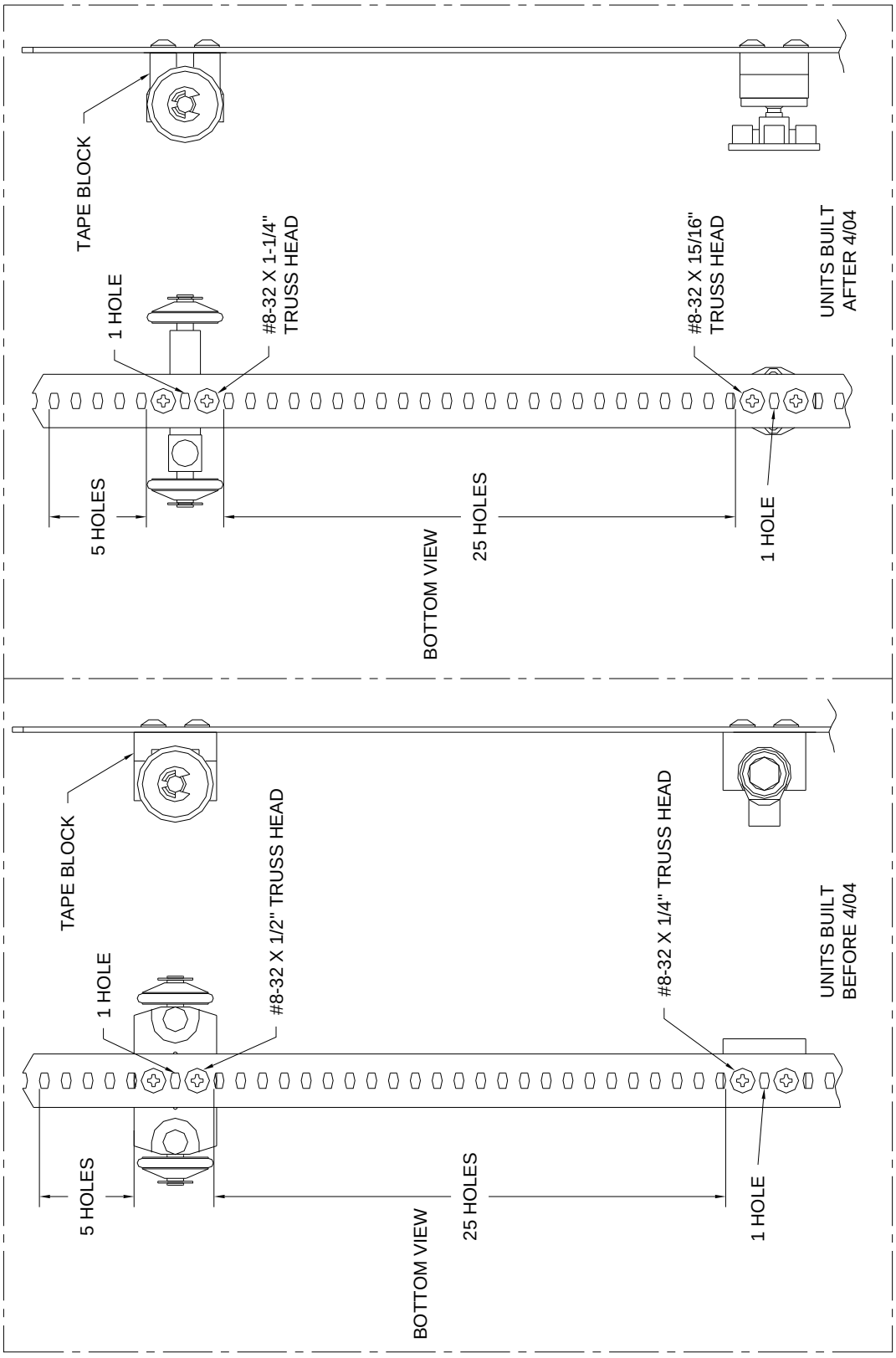
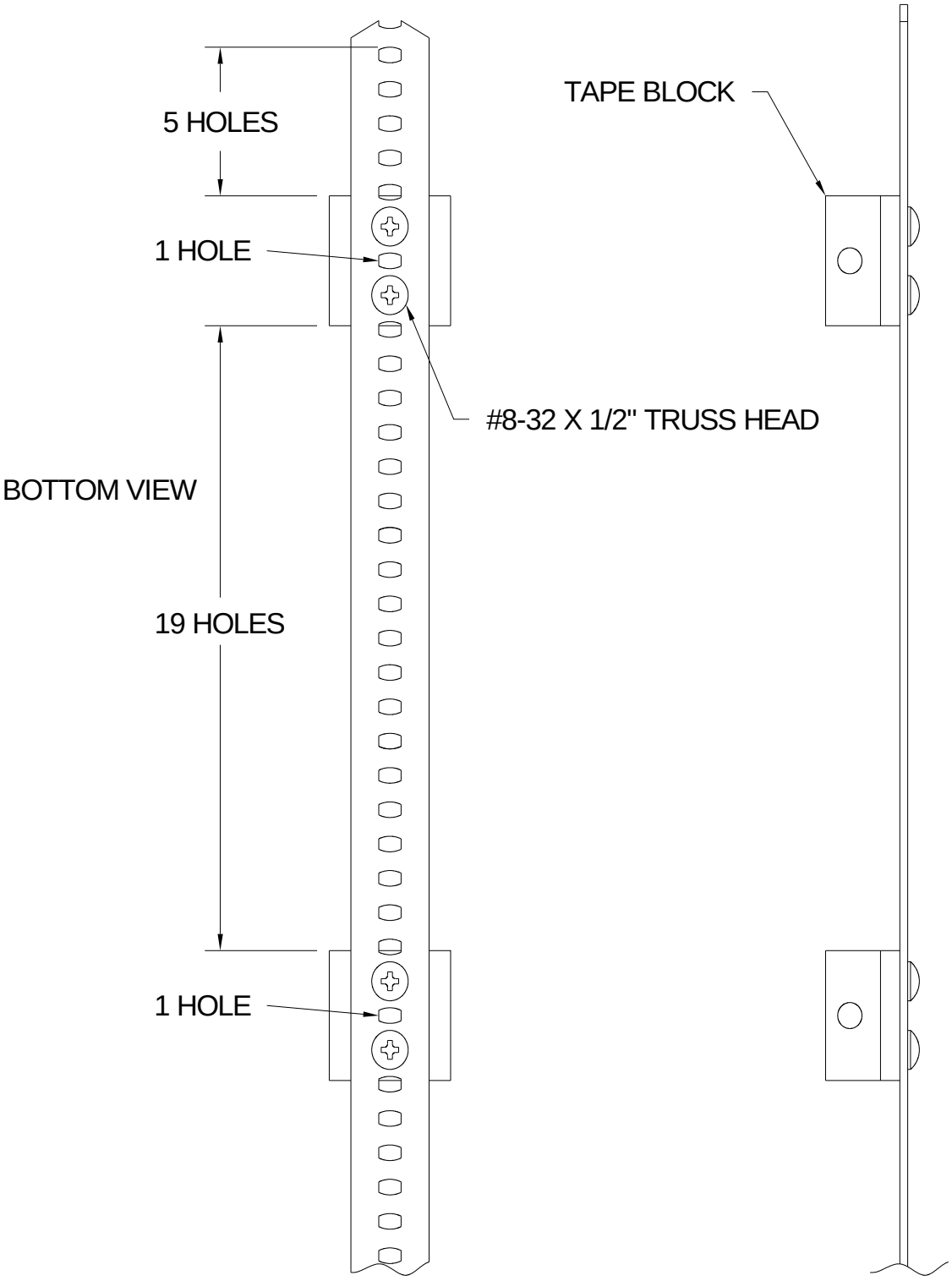


FIG. 2

CC Carrier Mounting Diagram



TT Carrier Mounting Diagram



Shift Point Adjustment Diagram