

**INSTALLATION STEPS SUMMARY**

- A1 – Preinstallation Planning
- A2 – Squeeze Bulb Hanger Installation
- A3 – Squeeze Bulb Installation
- A4 – Magnet Room Routing of Tubing & Wave Guide Installation
- A5 – Determining Need of Extender Box

**- A1 – PREINSTALLATION PLANNING**

The customer and users should be involved in the following decisions:

**Routing of Pneumatic Tubing:**

**Location of Control Box**

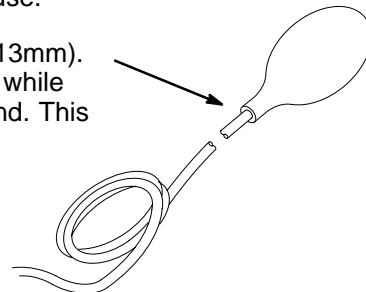


Do not substitute other types of tubing for the pneumatic tubing supplied with this Installation Kit. Substitution of other types of tubing may cause a control box malfunction.

**- A2 – SQUEEZE BULB INSTALLATION**

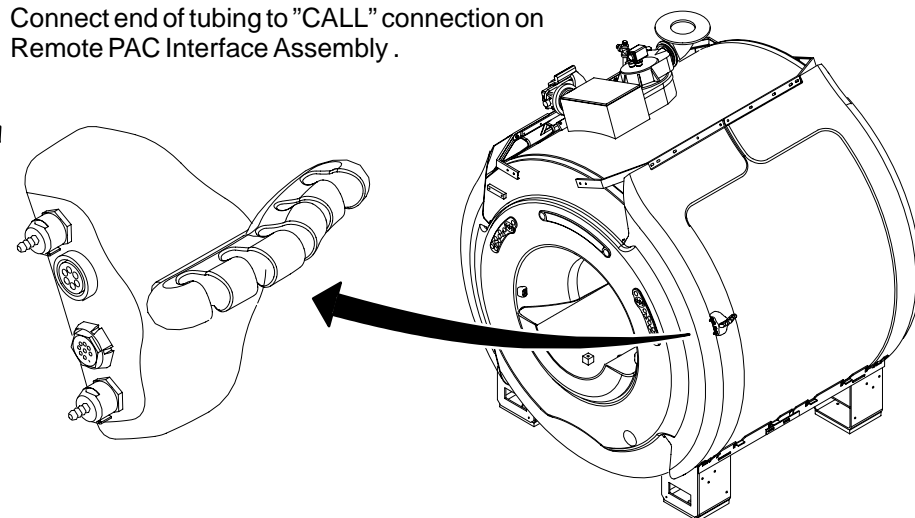
② Before cutting pneumatic tubing from roll, verify that when the squeeze bulb is held by a patient being scanned, the tubing length can be routed to the "CALL" connector on the Remote PAC Interface Assembly without getting in the way of operator or patient during use.

① Insert end of Pneumatic Tubing into Squeeze Bulb approximately 1/2 inch (13mm). For ease of pneumatic tubing insertion, pinch pneumatic tubing in one hand while squeezing squeeze bulb and pushing pneumatic tubing in with the other hand. This will create a positive pressure and expand squeeze bulb opening.



**- A3 – CONNECT TUBE TO REMOTE PAC INTERFACE ASSEMBLY**

① Connect end of tubing to "CALL" connection on Remote PAC Interface Assembly.



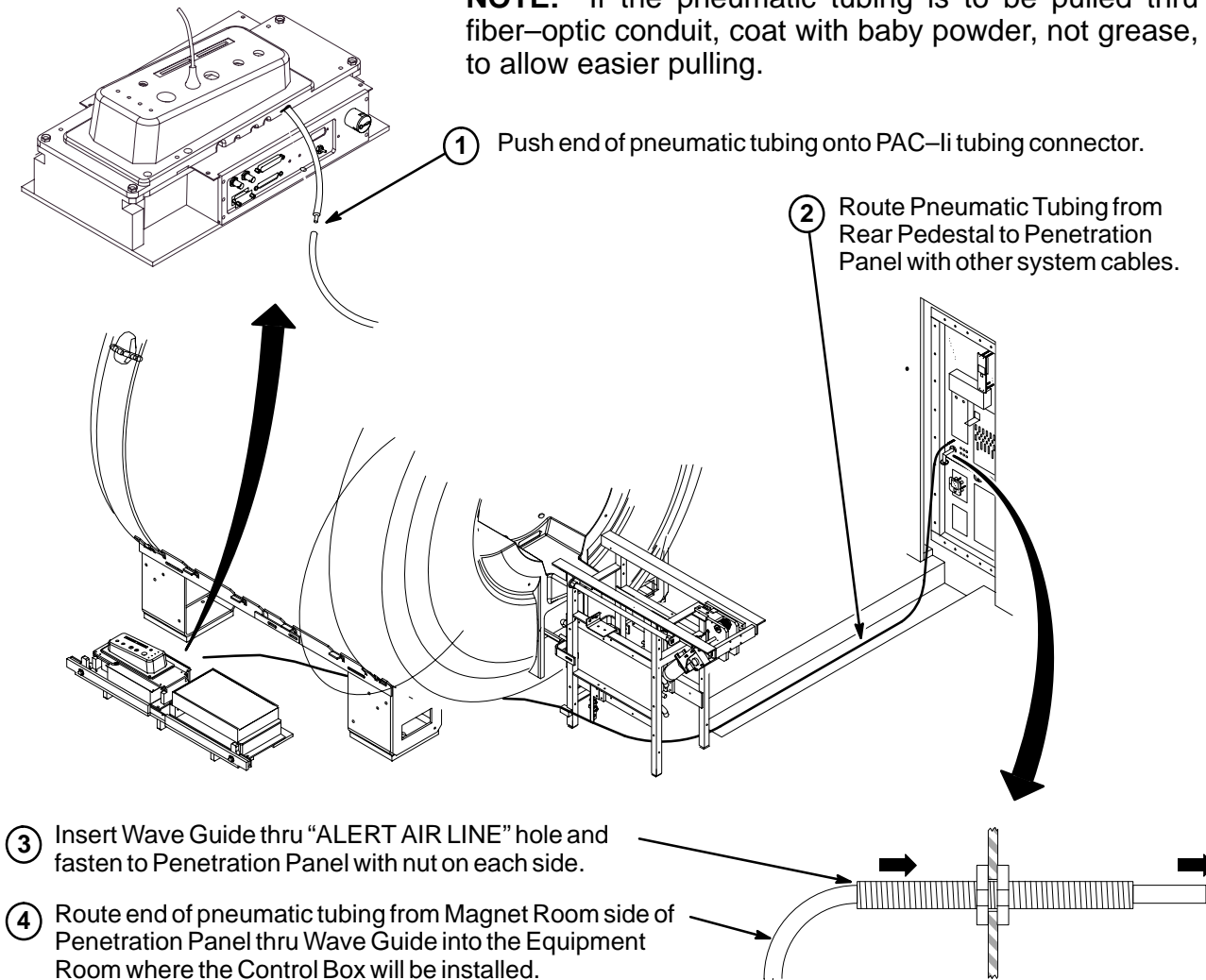
**- A4 – MAGNET ROOM ROUTING OF TUBING & WAVE GUIDE INSTALLATION**



Make sure that pneumatic tubing is not routed where it can be stepped on, pinched, or have an object set on it. The control box alarm will not work if pneumatic tubing is pinched.

**NOTE:** Also, make sure that the pneumatic tubing can be routed from the PAC connector through the Rear Pedestal, and to the Penetration panel without being pinched along the route by other cables.

**NOTE:** If the pneumatic tubing is to be pulled thru fiber-optic conduit, coat with baby powder, not grease, to allow easier pulling.



**- A5 – DETERMINING NEED OF EXTENDER BOX**

Note: If installation requires greater than 115 feet of pneumatic tubing between the squeeze bulb (hanging on Magnet Enclosure) and control box (near Operator's Console), Extender Kit, 46-317758P2, must be ordered.

**If the pneumatic tubing is long enough to reach control box:**  
The extender is not needed. Proceed to Step B3, CONTROL BOX INSTALLATION.

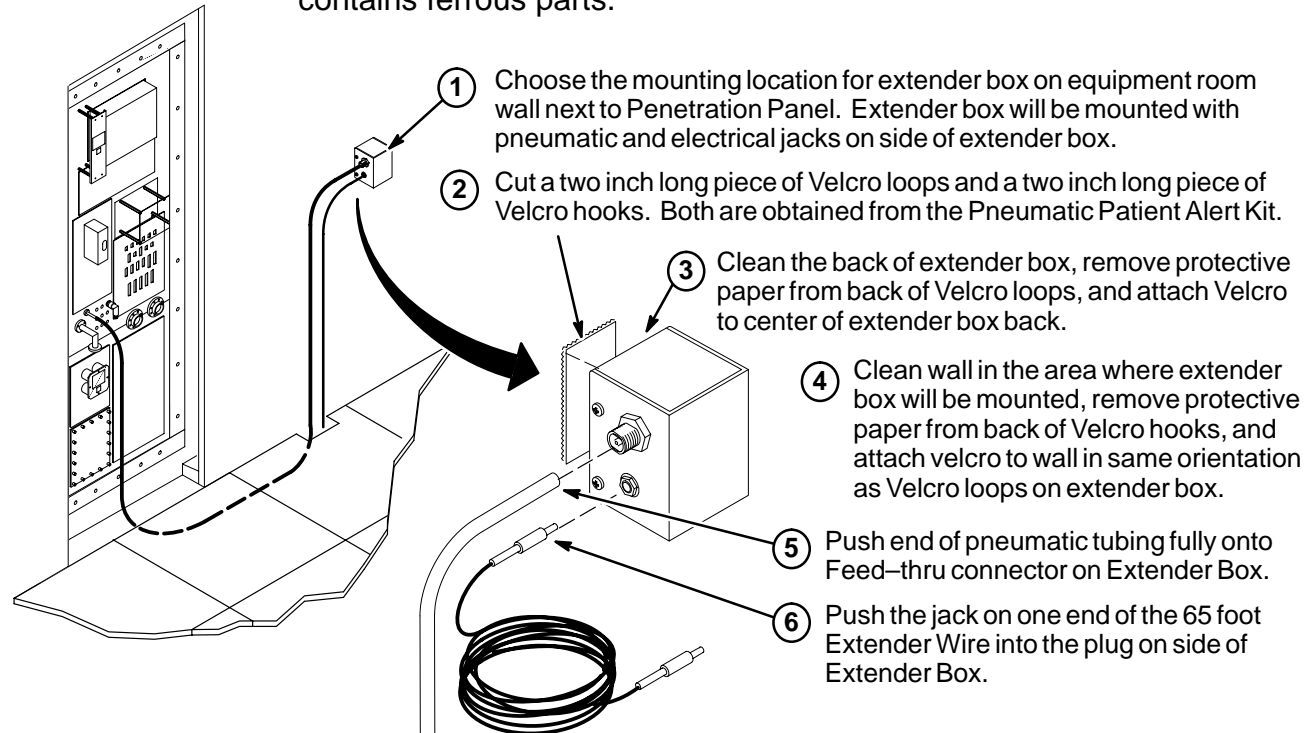
**If the pneumatic tubing is not long enough to reach control box:**  
The extender is needed. Proceed to Step B1, INSTALLATION OF EXTENDER KIT.

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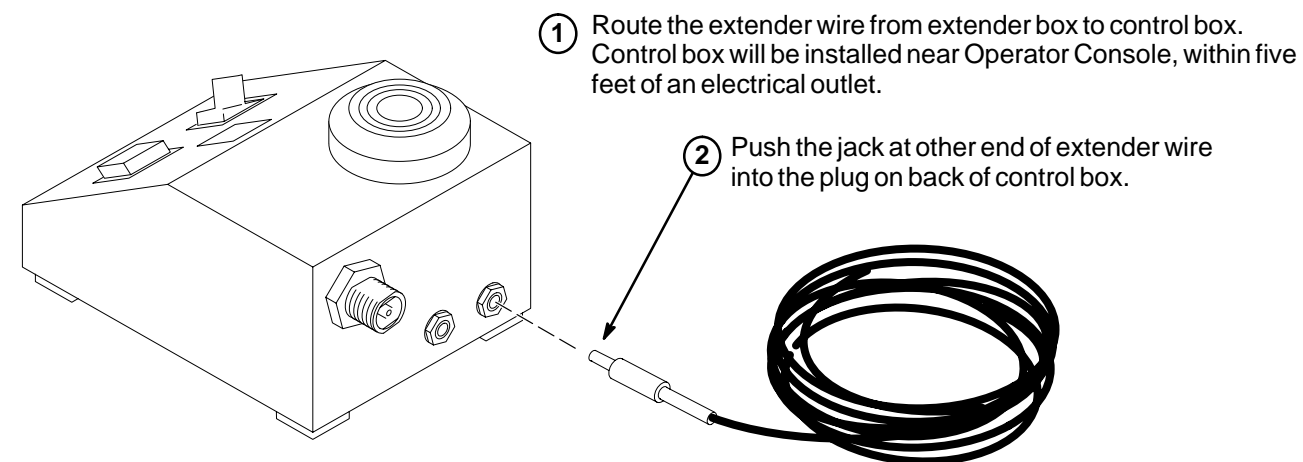
- B1 – Installation of Extender Kit (46-317758P2)
- B2 – Connection of Extender Wire to Control Box
- B3 – Control Box Installation
- B4 – Control Box Installation on Wall or Under Shelf
- B5 – Control Box Mounted with Velcro

**-B1 – INSTALLATION OF EXTENDER KIT (46-317758P2)**

**Note:** Do not mount Extender Box in Magnet Room because the box contains ferrous parts.



**- B2 – CONNECTION OF EXTENDER WIRE TO CONTROL BOX**



**- B3 – CONTROL BOX INSTALLATION**

Consult with the operator in choosing the mounting orientation for the control box. Some key factors to consider are ease of use by operator, remaining within sight of operator, and remaining within five feet of an electrical outlet. Choose one of the following control box locations:

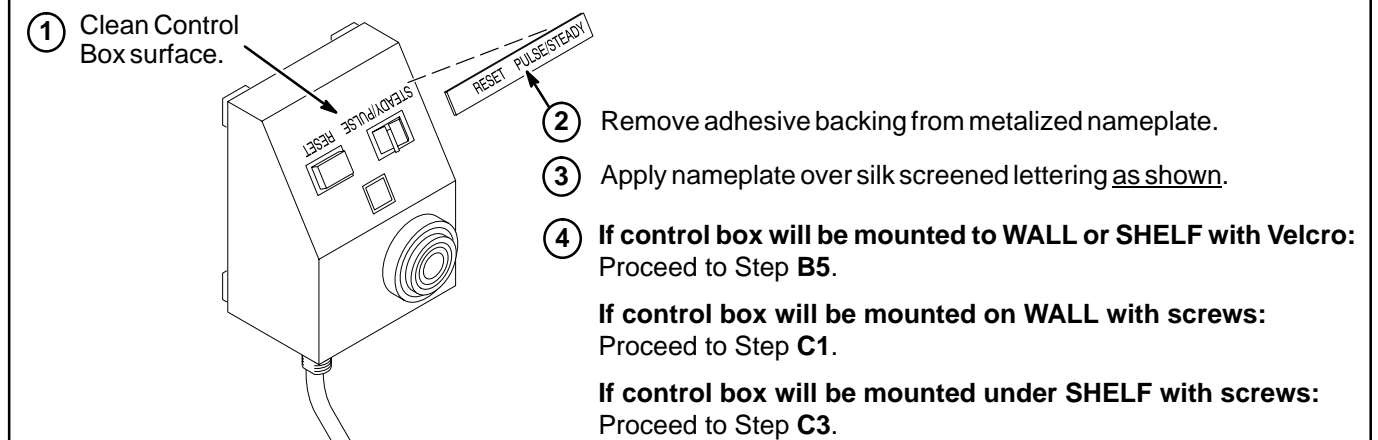
Mount control box on a wall or other vertical surface per Step **B4**, CONTROL BOX INSTALLATION ON WALL OR UNDER SHELF.

Mount control box under shelf per Step **B4**, CONTROL BOX INSTALLATION ON WALL OR UNDER SHELF.

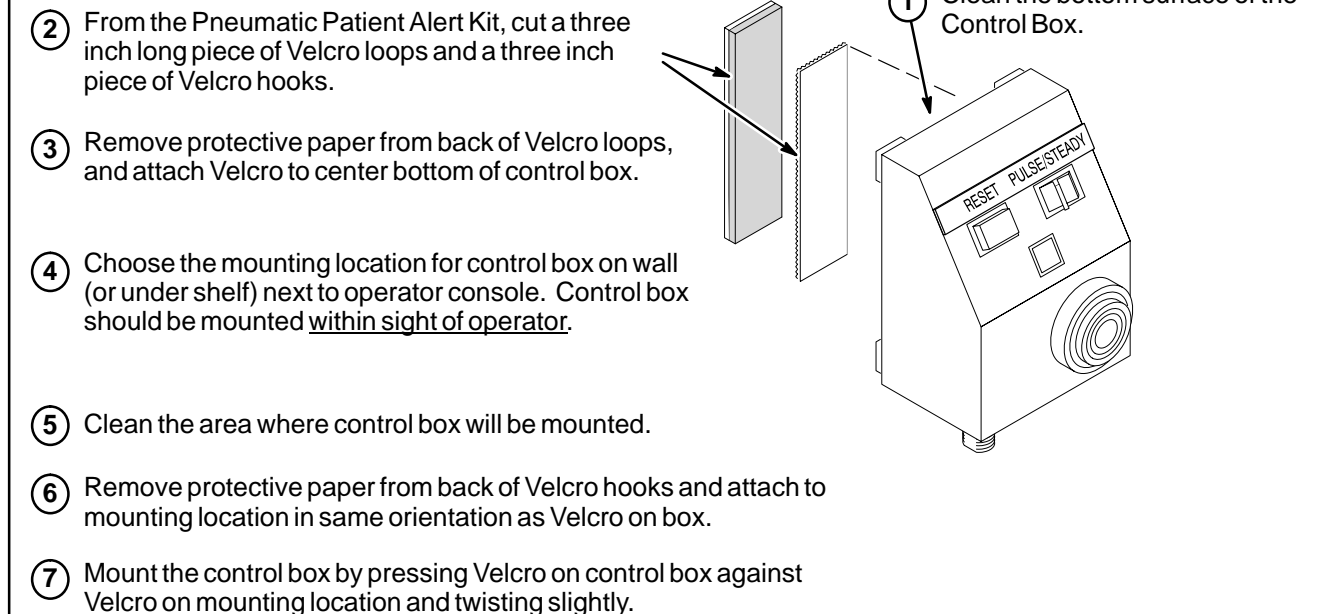
Place Control Box on a counter top, desk top, or other horizontal surface. Set the Control Box near Operator Console and within five feet of electrical outlet. Control Box should be placed within sight of operator. Proceed to Step **C5**, FINAL CONNECTIONS TO CONTROL BOX.

**Note:** The installer must provide additional mounting hardware if supplied screws or adhesive backed Velcro are not adequate for installation of the control box.

**- B4 – CONTROL BOX INSTALLATION ON WALL OR UNDER SHELF**



**- B5 – CONTROL BOX MOUNTED WITH VELCRO**

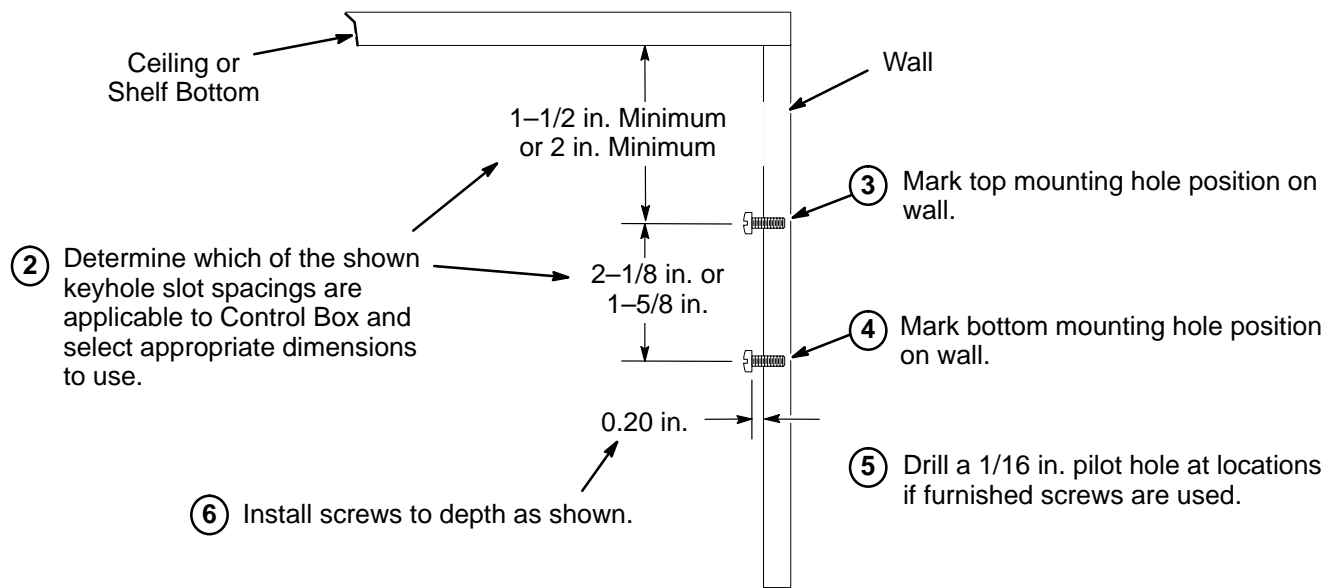


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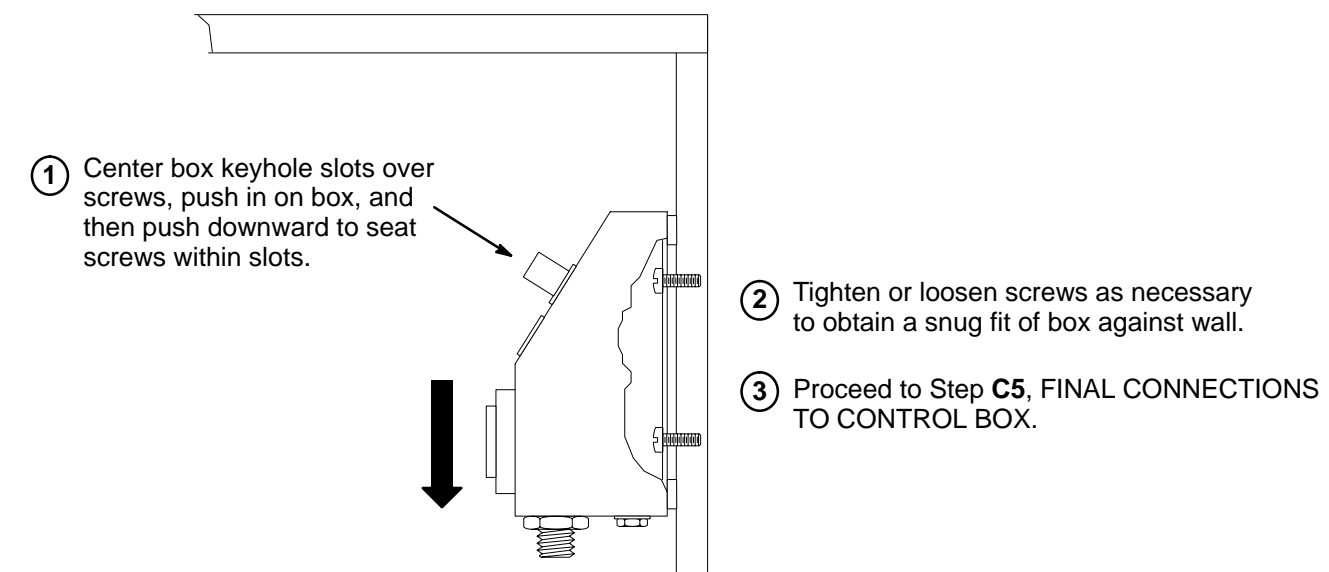
- C1 – Installing Mounting Screws in Vertical Surface
- C2 – Installing Control Box on Vertical Surface
- C3 – Installing Mounting Screws Under Shelf
- C4 – Installing Control Box Under Shelf
- C5 – Final Connections to Control Box

**- C1 – INSTALLING MOUNTING SCREWS IN VERTICAL SURFACE**

- 1 Choose the mounting area near the Operator Console and install mounting screws (item 9). Control box should be mounted within sight of operator.



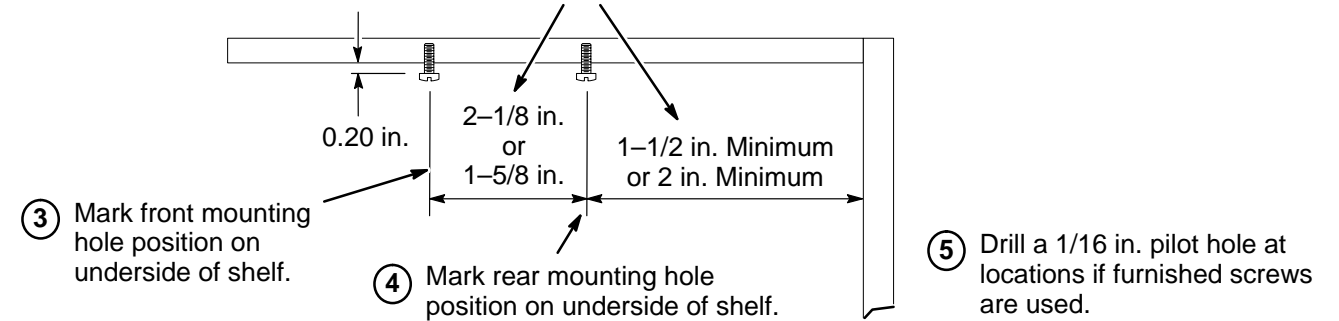
**- C2 – INSTALLING CONTROL BOX ON VERTICAL SURFACE**



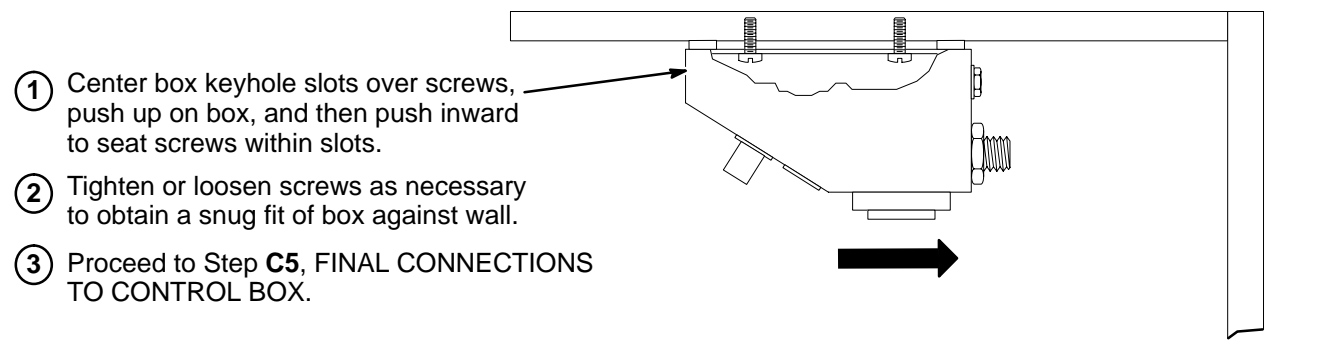
**- C3 – INSTALLING MOUNTING SCREWS UNDER SHELF**

- 1 Choose the mounting area near the Operator Console and install mounting screws (item 9). Control box should be mounted within sight of operator.

- 2 Determine which of the shown keyhole slot spacings are applicable to Control Box and select appropriate dimensions to use.



**- C4 – INSTALLING CONTROL BOX UNDER SHELF**



**- C5 – FINAL CONNECTIONS TO CONTROL BOX**

**Note:** Steps 1 and 2 are not needed if Extender Box (46-317758P2) has been installed.

