INSTALLATION INSTRUCTIONS

Product	**Revision**	**Form #**
MCS EXTENSION BOX 7160-0028	Rev B	INST-329

The purpose of this instruction sheet is to illustrate the manufacturer's recommended method of installation of the EXTENSION BOX. This console box can be used as an addition to either the MCS-ERGOBOX, or the MCS-LOWBOX, or as a stand alone product mounted directly to a Gamber Johson Top Plate (p/n 7160-0085 or 7160-0086). The EXTENSION BOX is intended to mount one two remote head radios.

1. If attaching the Extension Box to the MCS-ERGOBOX or the MCS-LOWBOX, there are two slots available on the backside of the Extension Box for fasteners to pass through into either of the mentioned concole boxes (see **FIG. 1**).
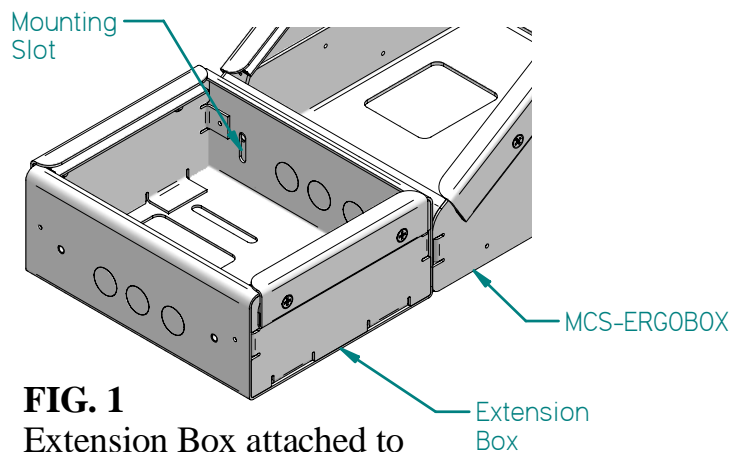

FIG. 1
Extension Box attached to
MCs-ERGOBOX

2. If attaching to another console box, it is recommended, in addition to Step 1, to attach the box to the top plate (p/n 7160-0085 or 7160-0086) using the mounting slots on the bottom of the box and the included fasteners in hardware bag 7120-0111.

3. For a discreet, low profile solution, the Extension Box can be used as a stand alone product mounted directly to a Gamber Johnson Top Plate using the included fasteners in hardware bag 7120-0111 (see FIG. 2).
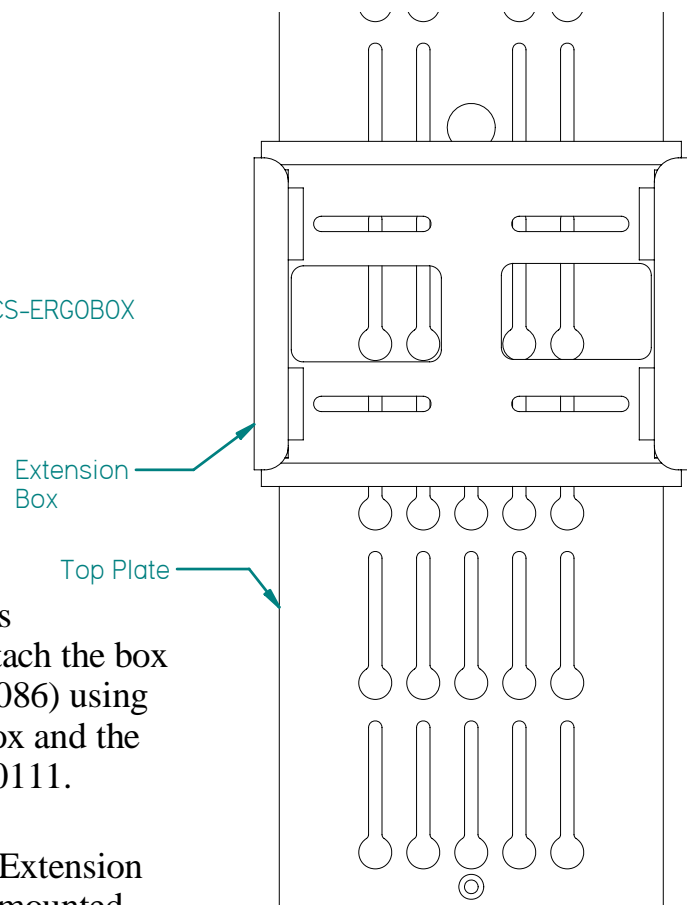

FIG. 2
Extension Box attached to
a Gamber Johnson Top
Plate.

If you need assistance or have questions, call Gamber-Johnson at 1-800-456-6868

4. The Extension Box has the ability to have the MCS-CUPHOLD2 attached. There are two self-clinching nuts on the front of the Extension Box that correspond to two mounting slots on the MCS-CUPHOLD2 (see **FIG. 3**). This mounting configuration is the same as described in **STEP 1**.
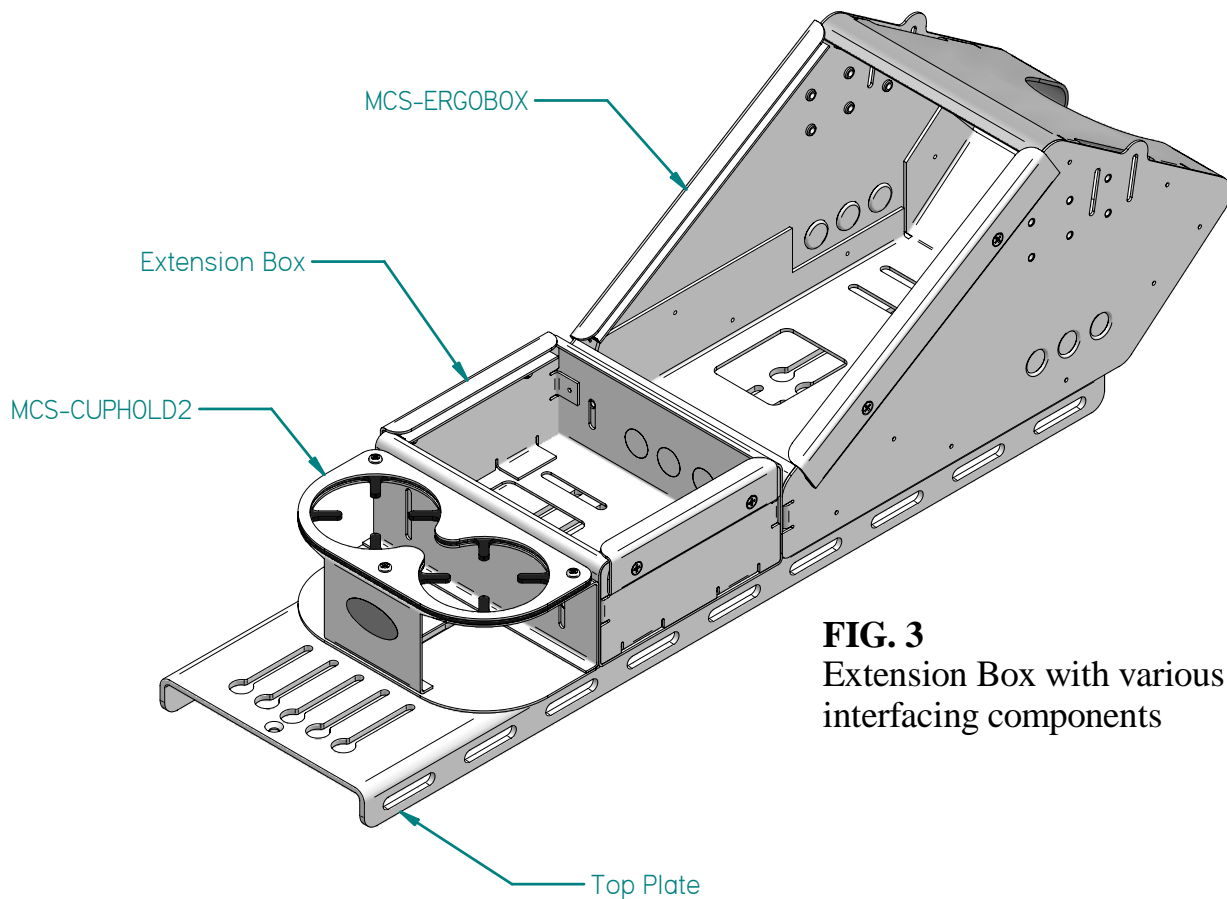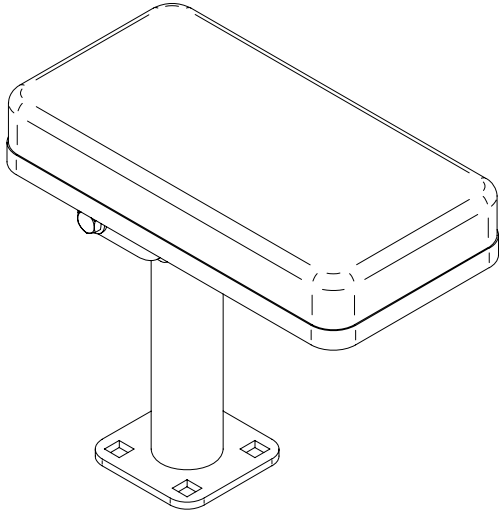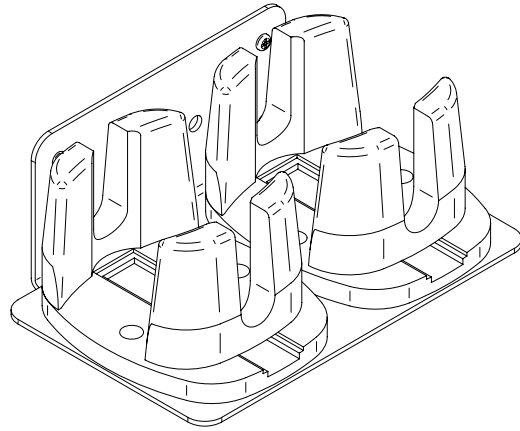
MCS-ERGOBOX

Extension Box

MCS-CUPHOLD2

FIG. 3
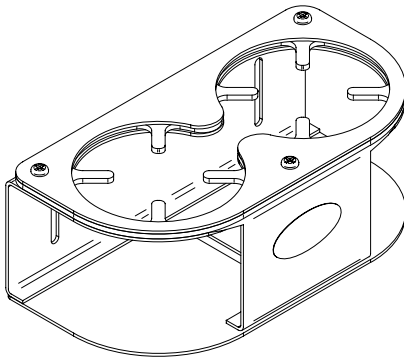Extension Box with various interfacing components

Top Plate
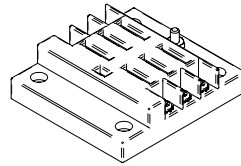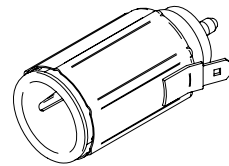
Additional MCS Accessories
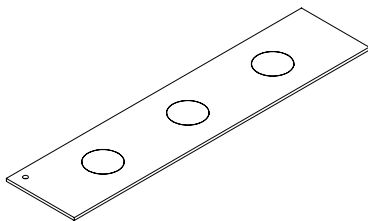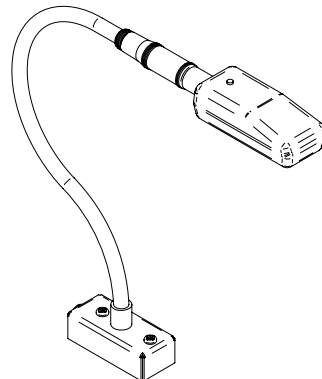
MCS-ARMREST

MCS-CUP2

MCS-CUPHOLD2

7160-0110
(6 Circuit Power Strip)

7160-0063
(Cigarette Lighter Adapter Kit)

3130-0361
(Knockout Filler Panel)

7160-0100
(LED Light Assembly)
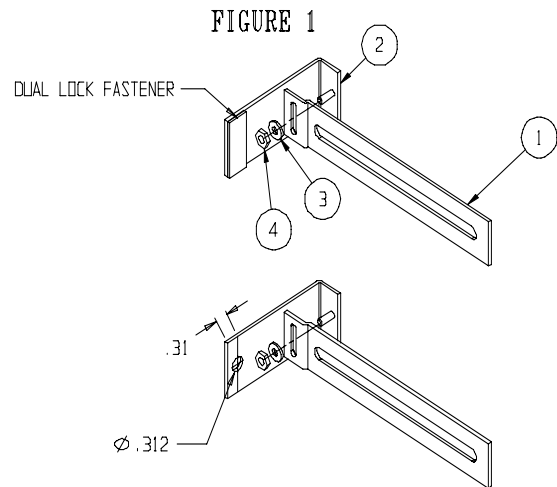
INSTALLATION INSTRUCTIONS

Product	**Date**	**Form #**
Faceplates	02/23/01	INST3

ASSEMBLING MCS FACEPLATES: (Refer to figure 1)

1. Check that the following pieces are present:
   Dual lock fastener (supplied w/console box)
   (1) faceplate vertical offset
   (1) faceplate top bracket
   (1) flat washer #6
   (1) 6-32 nut
2. For each faceplate, slide the faceplate vertical offset (item 1) on the stud in faceplate top bracket (item 2). Add flat washer (item 3) and hex nut (item 4). Remove the extra strips of dual lock fastener pressed onto each console box under holddown rails, cut to same length as each faceplate, remove protective film covering the adhesive strip and apply to top bracket as shown.
3. If the faceplates are being mounted in an older style MCS Console Box (those with threaded inserts on the top surface of the side panels/holddown screws passing through slots in existing face plates or blank panels), DO NOT attach the strip of dual lock fastener on each faceplate as described above. When installing faceplates into these MCS Console Boxes, mark any that cover the threaded inserts and drill a .312 diameter clearance hole as shown in Figure 1.

FIGURE 1

ASSEMBLING MCS FACEPLATES TO CONTROL HEADS AND INSTALLING IN MCS CONSOLE BOXES (Refer to figures 2 & 3).

1. Install the faceplates on each control head as shown in figure 2. Adjust the faceplates so the mounting holes in the sides of the control head line up in the slots of the faceplate vertical offsets and so the desired amount of the control head will extend from the console. Make sure to allow enough room underneath for any connectors that may be required. Test the fit of each control head, the tallest heads may need to be installed near the higher end of the console.
2. Arrange the control heads in the console box as desired. Blank panels of various sizes have been provided to act as spacers between each control head, if needed. Secure in place by attaching a piece of dual lock fastener to each end of the blank panel and then pressing the strips of dual lock fastener on the faceplates, blank panels and console box together.
3. Attach the MCS Console Box holddowns to the sides of the console box and over faceplates with (6) 10-32 x .38 Phillips head machine screws.

FIGURE 2

FIGURE 3