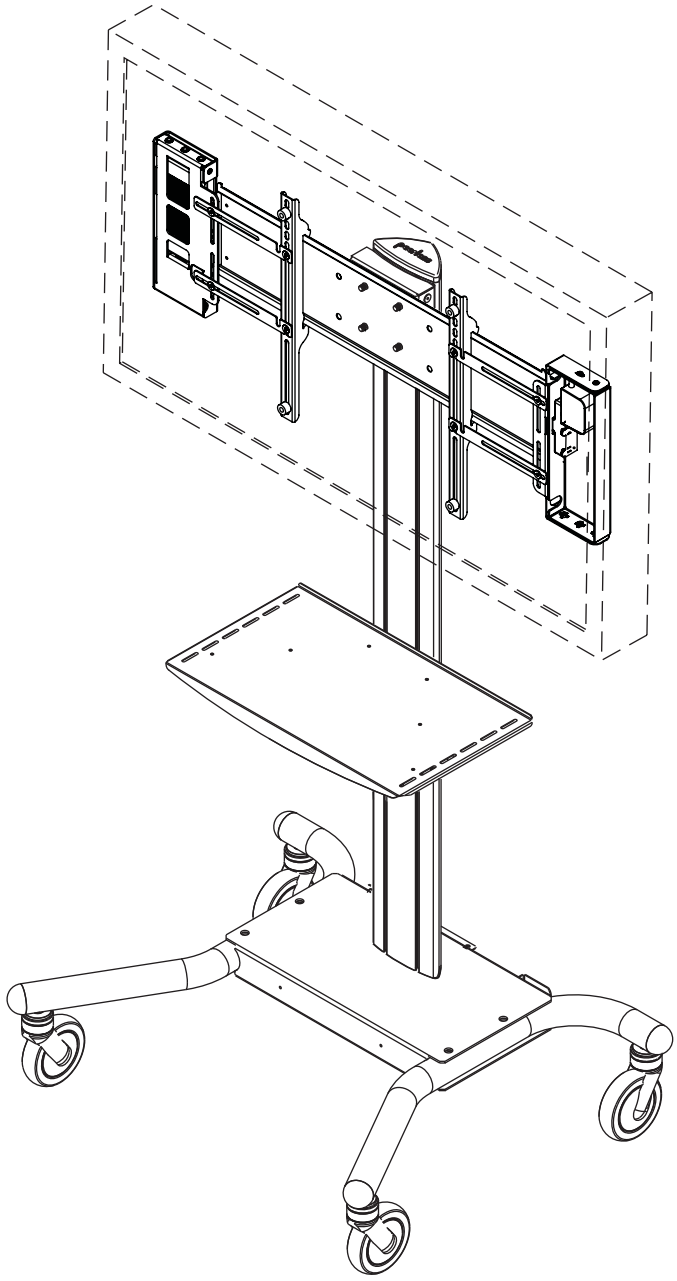
peerless-AV®

Installation and Assembly:
Wireless TV Cart for 47" to 65" Flat Panel Displays

Models: WL-SR560M-200



Max Load Capacity:
150 lb (68 kg) screen
50 lb (22.7 kg) per shelf

2300 White Oak Circle • Aurora, Il 60502 • (800) 865-2112 • Fax: (800) 359-6500 • www.peerless-av.com

ISSUED: 08-24-12 SHEET #: 180-9037-2 10-30-12

NOTE: Read entire instruction sheet before you start installation and assembly.

⚠ WARNING

- Do not begin to install your Peerless product until you have read and understood the instructions and warnings contained in this Installation Sheet. If you have any questions regarding any of the instructions or warnings, for US customers please call Peerless customer care at 1-800-865-2112, for all international customers, please contact your local distributor.
- This product should only be installed by someone of good mechanical aptitude, and fully understands these instructions.
- Never exceed the Maximum Load Capacity on page 1.
- Always use an assistant or mechanical lifting equipment to safely lift and position equipment.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the items, greatly reducing their holding power.
- The cart is not affixed or secured to the floor, and may therefore tip over and/or fall if screen and/or stand is shaken or hit. Always monitor children and do not let children play alone around stand as they could get hurt by a falling screen. Not recommended for use in areas with heavy traffic.

Tools Needed for Assembly

- level
- phillips screwdriver

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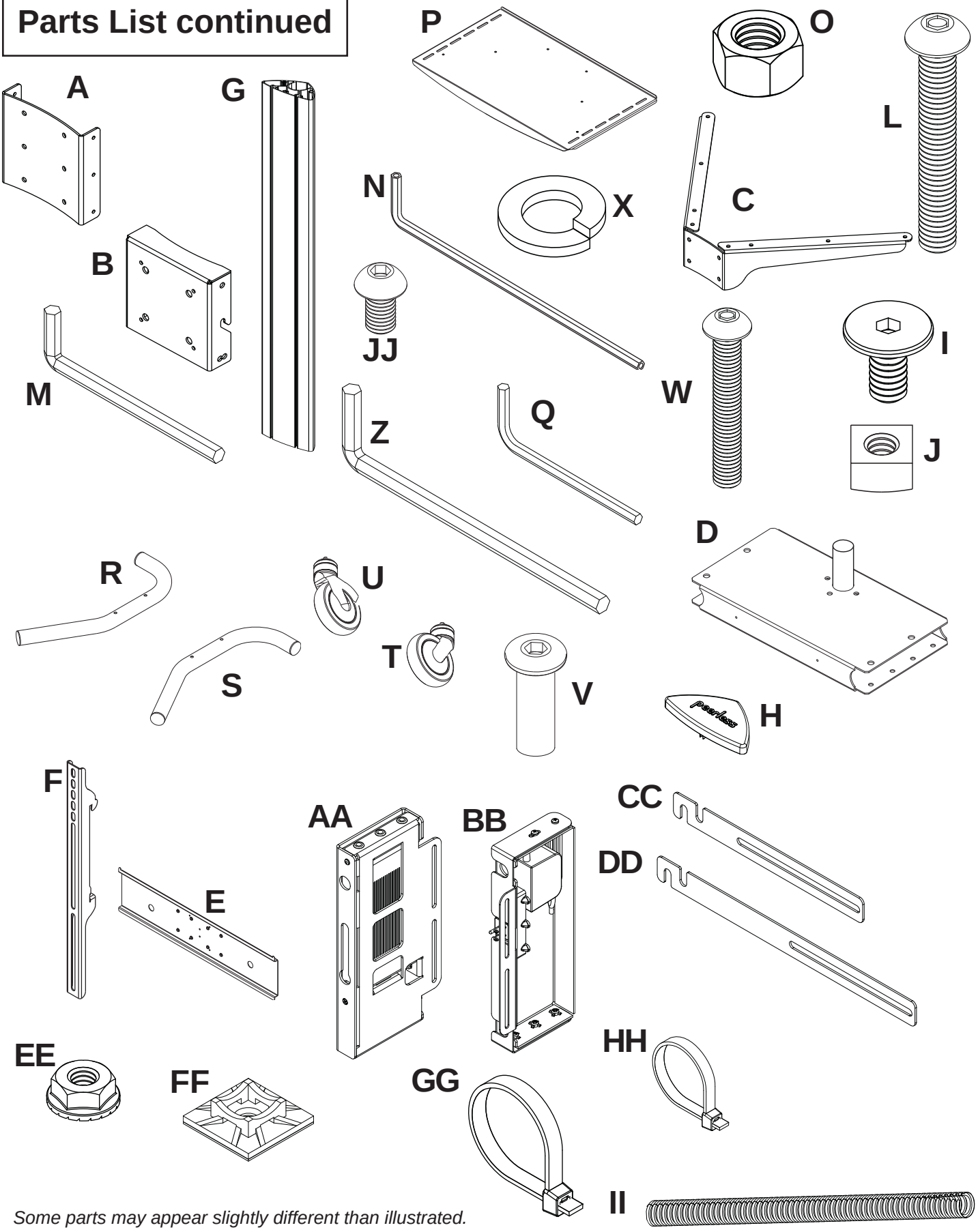
Before you begin, make sure all parts shown are included with your product.

Parts may appear slightly different than illustrated.

Parts List

	Description	Qty.	WL-SR560M-200 Part Number
A	screen mount bracket	1	201-1156
B	hook plate	1	201-1157
C	shelf support	1	201-1158
D	base	1	009-1223
E	universal plate	1	201-1110
F	adapter bracket	2	201-1510
G	upright	1	580-1180
H	top cover	1	590-1210
I	1/4-20 x 12mm decorative screw	22	520-2325
J	1/4-20mm nut	10	530-1050
L	3/8-16 x 2.5" socket screw	3	520-9550
M	7/32" allen wrench	1	560-9715
N	4 mm allen wrench	2	560-9646
O	8/32 nylock nut	6	530-1038
P	shelf pan	1	009-1225
Q	6 mm allen wrench	1	560-9716
R	left leg	1	009-1296
S	right leg	1	009-1295
T	wheel caster	2	600-0044
U	wheel caster/brake	2	600-0045
V	joint connector nut	4	530-1037
W	3/8-16 x 1.5" screw bolt	4	520-1329
X	M10 x .402 ID lock washer	3	540-9424
Z	3/16 allen wrench	1	560-0071
AA	wireless receiver assembly	1	180-1092
BB	power module assembly	1	180-1015
CC	enclosure mounting bracket, small	4	120-1195
DD	enclosure mounting bracket, large	4	120-1196
EE	lock nut 1/4-20	8	530-1021
FF	cable tie anchor	2	590-9469
GG	cable tie .187 x 7.5 lg.	8	590-1168
HH	cable tie .04 x 5.75 lg.	2	560-9711
II	cable management sheath	1	590-9468
JJ	M10 x 15 mm socket screw	4	520-9262

Parts List continued



Some parts may appear slightly different than illustrated.

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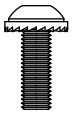
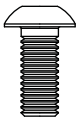
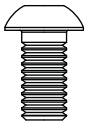
Security Adapter Bracket Fasteners



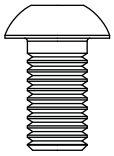
M4 x 12 mm (6)
510-1079



M5 x 12 mm (4)
520-1064

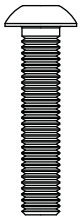


M6 x 12 mm (4)
520-1050



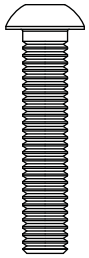
M8 x 15 mm (6)
520-1068

M6 x 20 mm (4)
520-9554

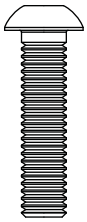


M5 x 25 mm (4)
520-1122

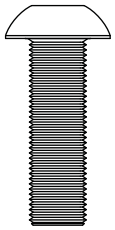
M4 x 25 mm (4)
510-1082



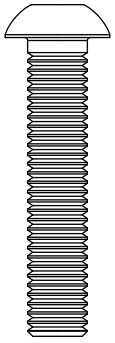
M6 x 30 mm (4)
520-1067



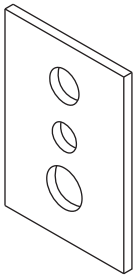
M6 x 25 mm (4)
520-1211



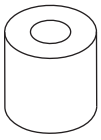
M8 x 25 mm (4)
520-1101



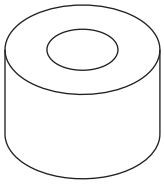
M8 x 40 mm (4)
520-1152



multi-washer (6)
580-1036



I.D. .22" (5.6 mm) (4)
540-1057



I.D. .34" (8.7 mm) (4)
540-1059

Additional Wireless Components

wireless transmitter (1)
(180-1202)

vga to rca adapter (1)
(180-1006)

plastic stand (1)
(180-1205)

remote (1)
(180-1207)

install guide (1)
(LIT-0905)

3v battery (1)
(180-0008)

12v power adapter (1)
(180-1004)

ir flasher (1)
(180-1009)

hdmi cable (2)
(600-0234)

instruction sheet (1)
(180-9023)

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1 Insert right leg (**S**) into base housing (**D**) as shown in fig. 1.1. Then align holes in right leg with holes in base housing (**D**). Fasten base housing to right leg using two 3/8-16 x 1.5" bolts (**W**) and two joint connectors (**V**). Tighten using 3/16" allen wrench (**Z**) and 7/32" allen wrench (**M**) as shown in fig.1.2.

NOTE: Left and right legs can be identified by looking at the cart from the front.

Repeat for left side with left leg (**R**).

fig. 1.1

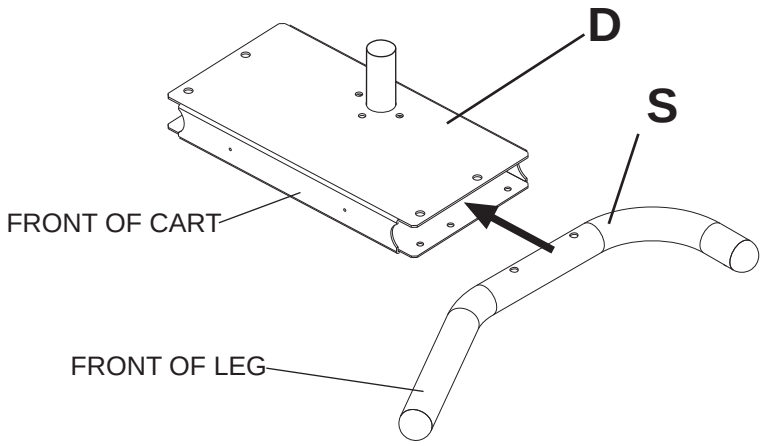
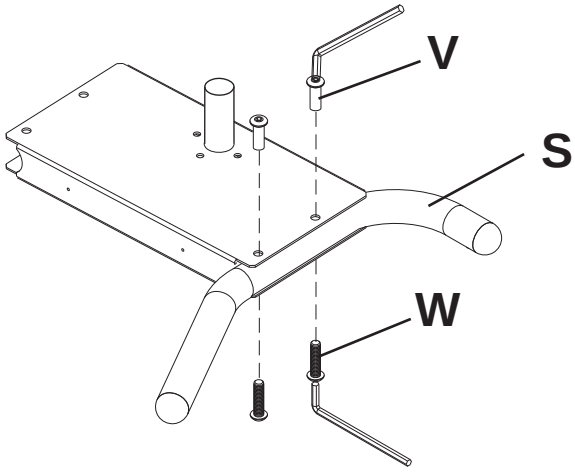
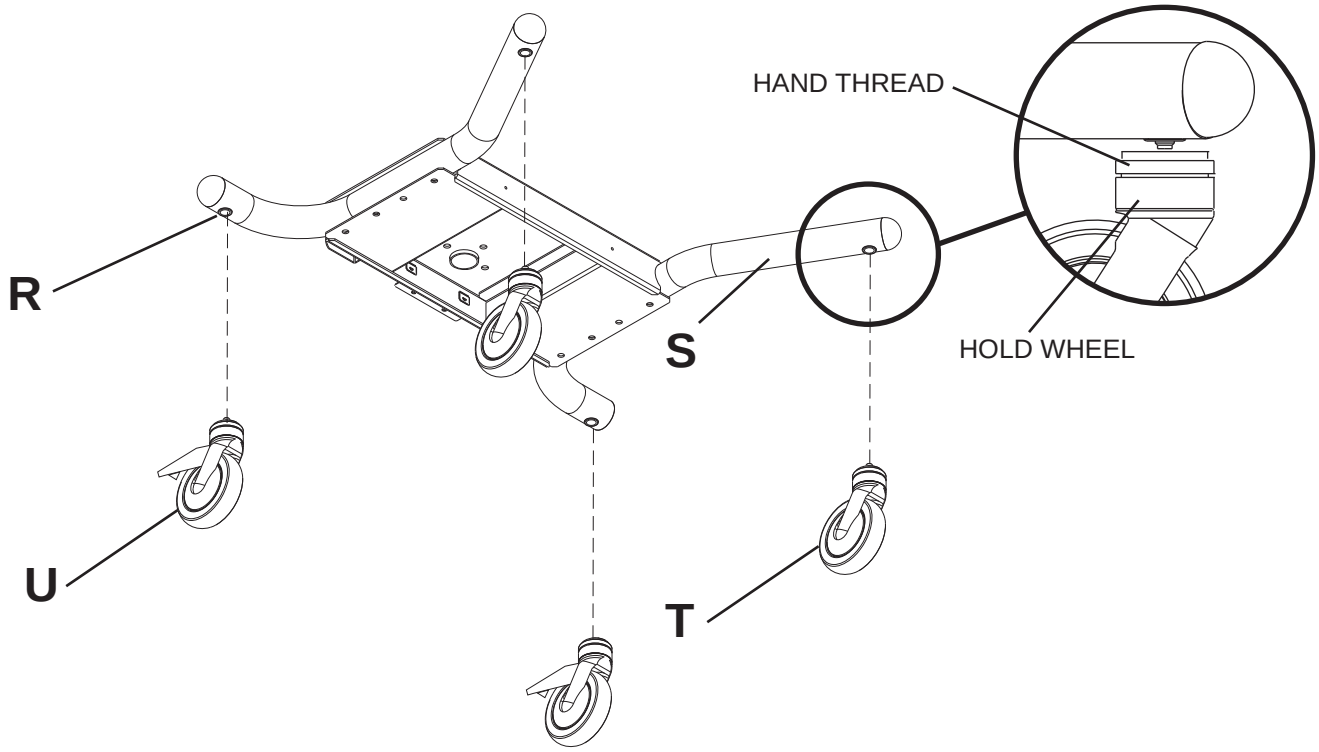


fig. 1.2



2 Insert casters (**U** & **T**) into holes of support legs (**R** & **S**) and hand thread to secure. Attach casters with brake (**U**) to the back of left and right support legs (**R** & **S**). Attach casters without brake (**T**) to front of support legs as shown.

NOTE: Lock brakes on casters to avoid sudden movements during installation.



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3 Attach upright (**G**) to base (**D**), as shown in fig 3.1 using three 3/8-16 x 2.5" socket screws (**L**) and M10 x .402ID lock washers (**X**). Tighten screws using 7/32" allen wrench (**M**).

NOTE: Be sure cord management holes are in the configuration shown in fig 3.2.

fig. 3.1

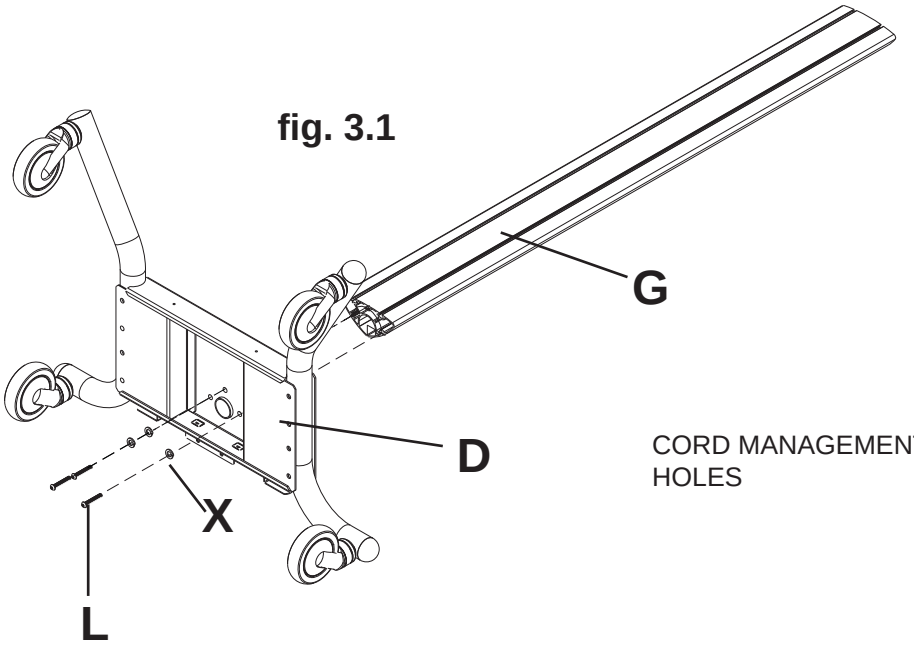
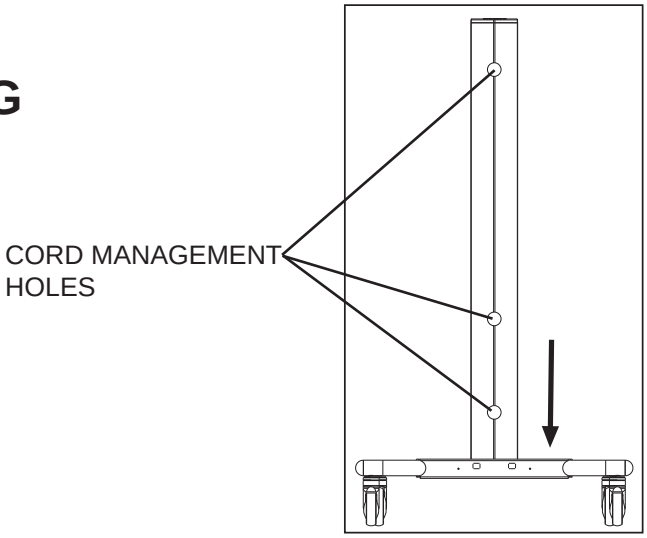
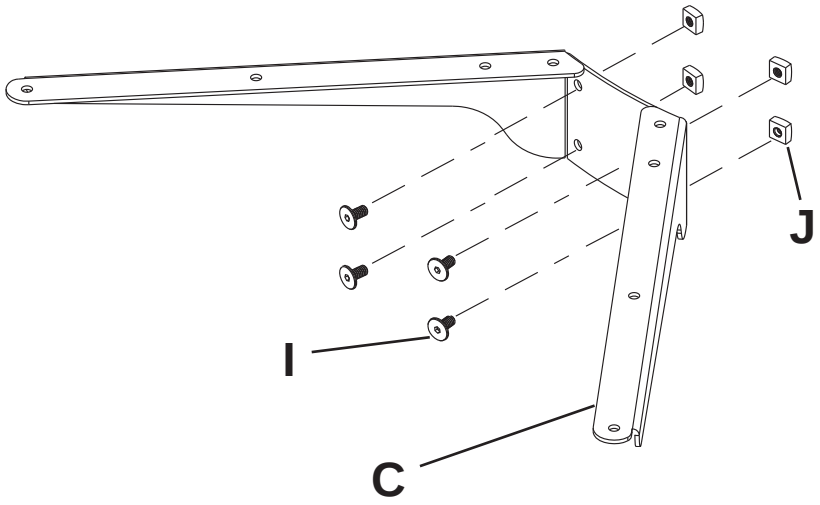


fig. 3.2



4 Loosely attach four 1/4-20 x 12 mm screws (**I**) and 1/4-20 nuts (**J**) to shelf support (**C**).

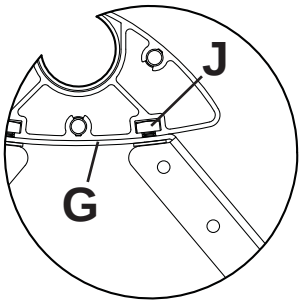


5 Slide shelf support (**C**) onto upright (**G**) so that 1/4-20 nuts (**J**) slide into slots of upright (**G**) as shown in figure 5.1 and detail 1. Slide shelf support to desired height, level, then tighten 1/4-20 x 12mm screws (**I**) using 4 mm allen wrench (**N**).

NOTE: MAXIMUM OF TWO SHELVES

Max height of top shelf is 34" from base.

Max height of second shelf is 28" from base.



DETAIL 1

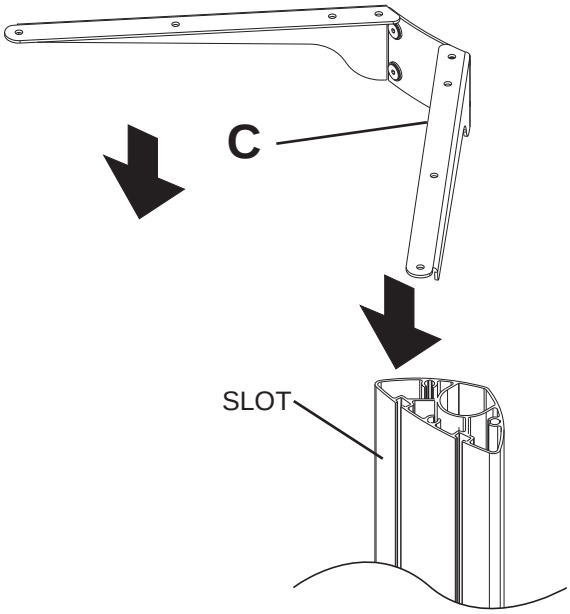


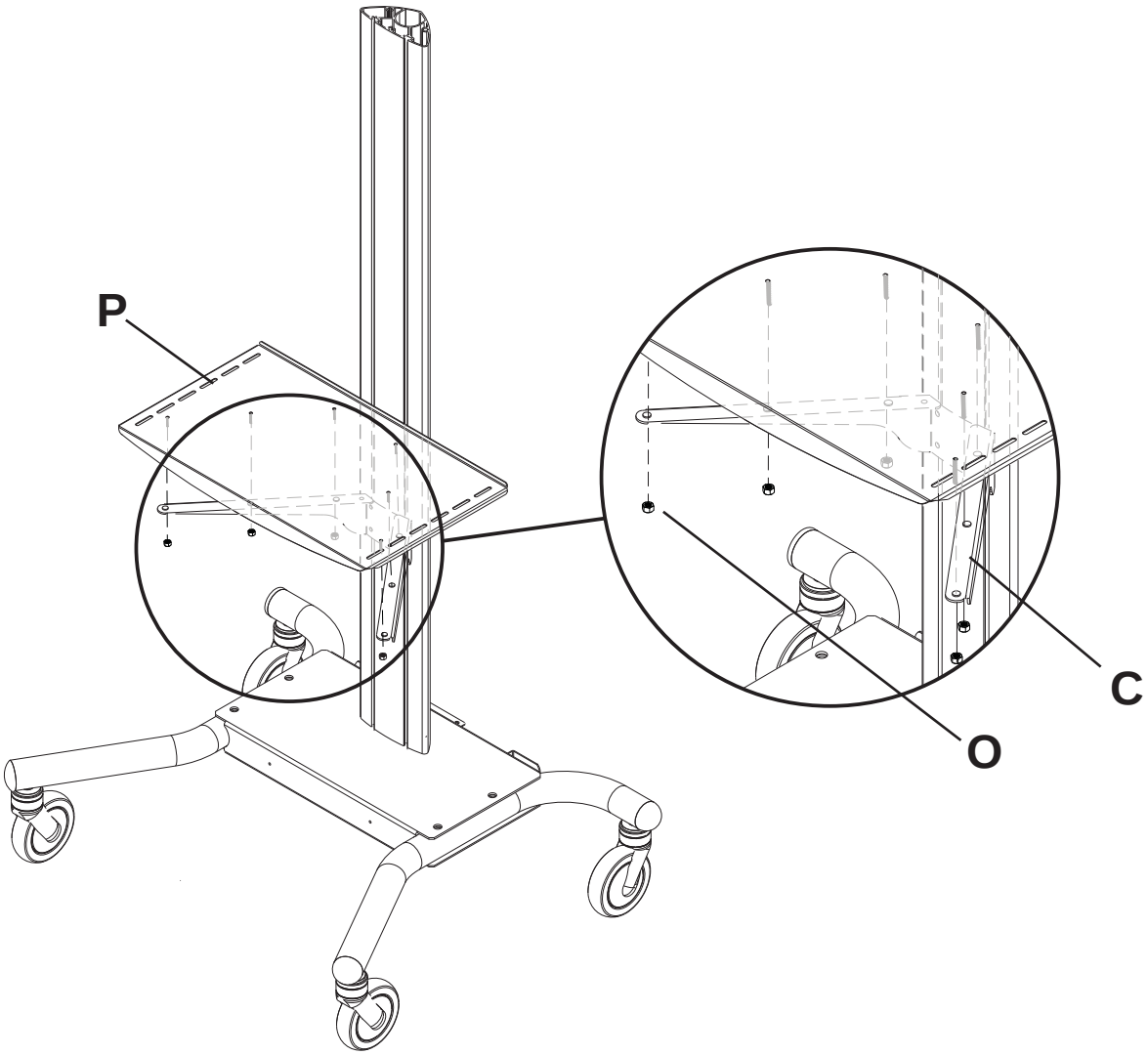
fig. 5.1

Attaching Metal Shelf

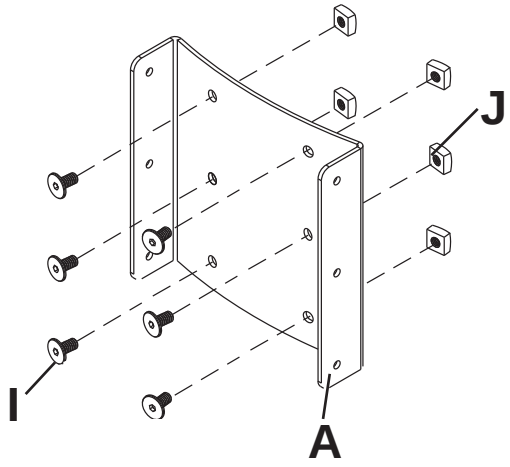
6 Attach shelf pan (**P**) to shelf support (**C**) using six 8/32 nylock nuts (**O**) as shown below. Use an adjustable wrench to tighten six 8/32 nylock nuts (**O**).

⚠ WARNING

- This shelf is intended for use with equipment weighing NO more than 50 lbs. (22.7 kg) that fits evenly accross the surface of shelf pan (**P**). Use with other equipment may result in instability and cause personal injury or property damage.



7 Loosely attach six 1/4-20 x 12 mm screws (**I**) and 1/4-20 nuts (**J**) to screen mount bracket (**A**).



8 Slide screen mount bracket (**A**) onto upright (**G**) so that 1/4-20 nuts (**J**) slide into slots of upright (**G**) as shown in figure 8.1 and detail 2. Slide screen mount bracket to desired position, level, then tighten 1/4-20 x 12 mm screws (**I**) using 4 mm allen wrench (**N**).

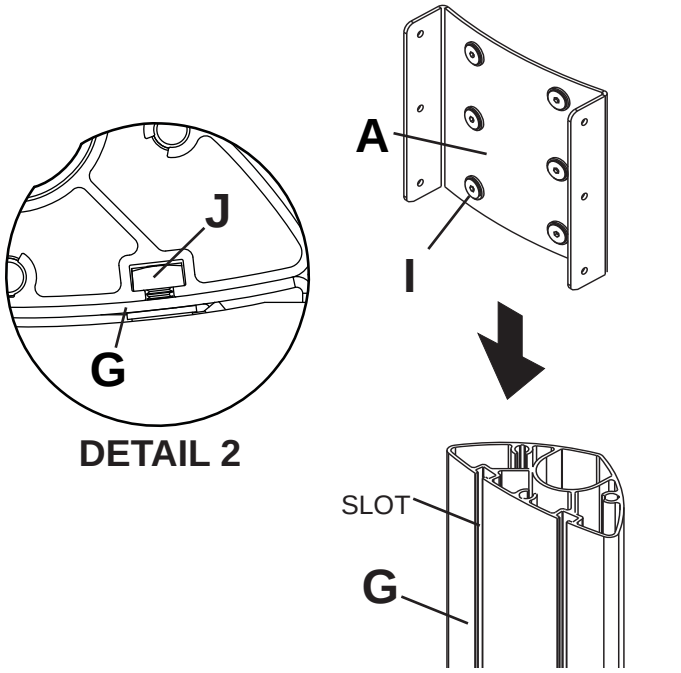
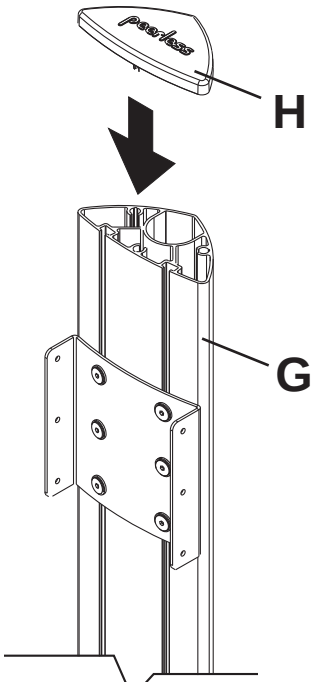


fig. 8.1

9 Snap top cover (**H**) onto upright (**G**).



10 Insert two 1/4-20 x 12 mm screws (**I**) into screen mount bracket (**A**), leaving 3/16" of exposed thread as shown in figure 10.1 and detail 3.

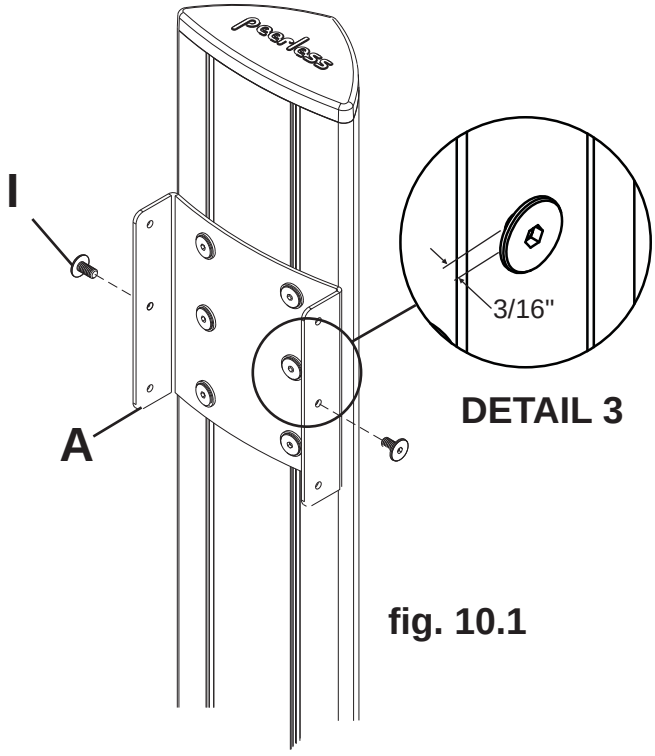


fig. 10.1

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Wireless Receiver and Power Enclosure Installation

11 **NOTE:** For mounting patterns smaller than VESA 400, use large enclosure mounting bracket (**DD**).

NOTE: The Wireless Receiver Assembly (**AA**) and Power Module Assembly (**BB**) position can be interchanged based on the display's connector panel location. Install Wireless Receiver Assembly on the side closest to the connector panel.

Loosely attach the enclosure mounting brackets (**CC or DD**) to the wireless receiver assembly (**AA**) with two 1/4-20 x 12 mm screws (**I**) and two 1/4-20 nuts (**EE**) as shown in fig. 11.1. **NOTE**: The enclosure mounting bracket can be installed with the inside notch facing downward if additional side-to-side adjustment is needed. Attach the mounting brackets (**CC or DD**), open end of notch facing downward, to the adapter bracket (**F**) with two 1/4-20 x 12 mm screws (**I**) and two 1/4-20 nuts (**EE**) as shown in fig. 11.2.

Adjust the position of the receiver assembly (**AA**) to your desired location as shown in fig. 11.2. Once in position, tighten the four 1/4-20 x 12 mm screws (**I**) using 4mm allen wrench (**N**).

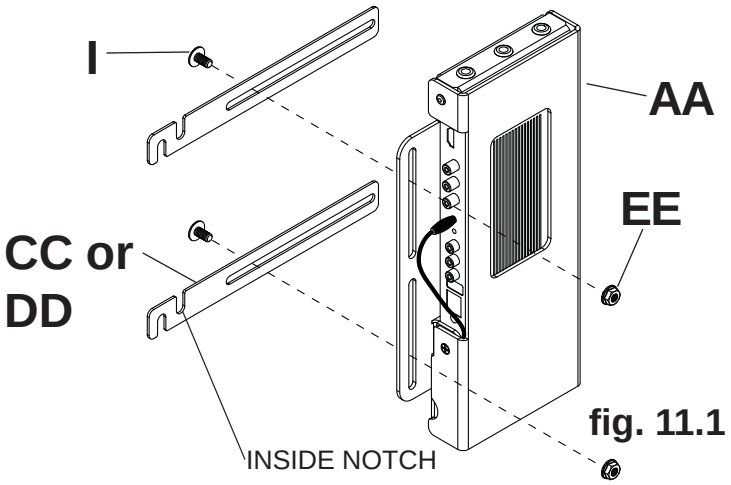


fig. 11.1

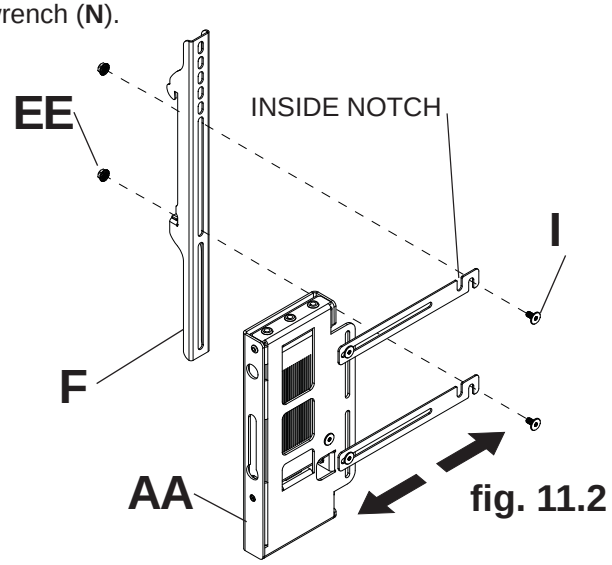


fig. 11.2

12 **NOTE:** For mounting patterns smaller than VESA 400, use large enclosure mounting bracket (**DD**).

Loosely attach the enclosure mounting brackets (**CC or DD**) to the power module assembly (**BB**) with two 1/4-20 x 12 mm screws (**I**) and two 1/4-20 nuts (**EE**) as shown in fig. 12.1. **NOTE**: The enclosure mounting bracket can be installed with the inside notch facing downward if additional side-to-side adjustment is needed. Attach the mounting brackets (**CC or DD**), open end of notch facing downward, to the adapter bracket (**F**) with two 1/4-20 x 12 mm screws (**I**) and two 1/4-20 nuts (**EE**) as shown in fig. 12.2.

Adjust the position of the power module assembly (**BB**) to your desired location as shown in fig. 12.2. Once in position, tighten the four 1/4-20 x 12 mm screws (**I**) using 4mm allen wrench (**N**).

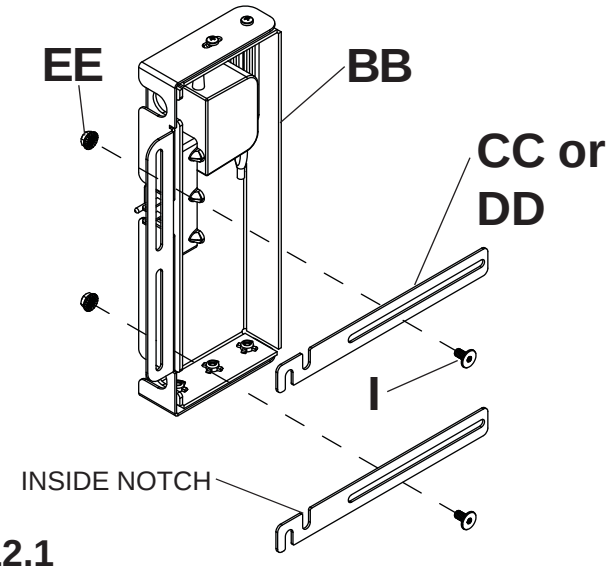


fig. 12.1

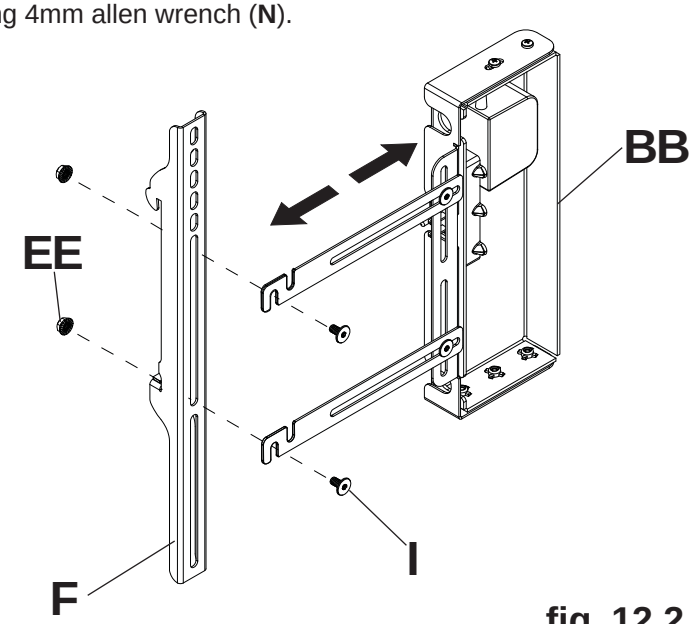


fig. 12.2

ISSUED: 11-14-11 SHEET #: 180-9007-1

Installing Adapter Brackets to Universal Plate

⚠ WARNING

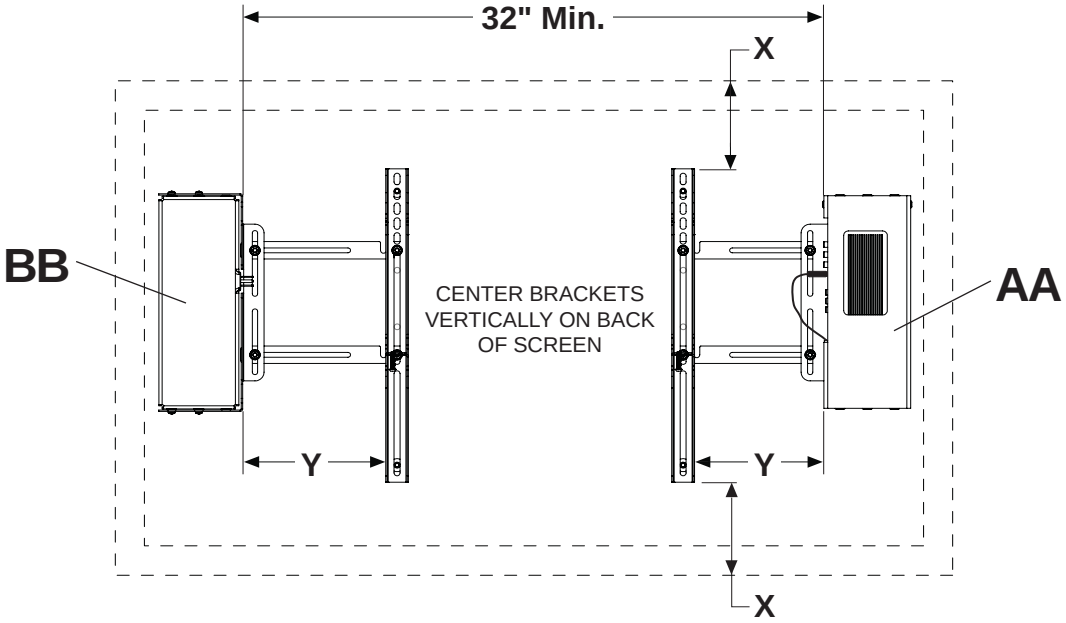
- Tighten screws so adapter brackets are firmly attached. Do not tighten with excessive force. Overtightening can cause stress damage to screws, greatly reducing their holding power and possibly causing screw heads to become detached. Tighten to 40 in. • lb (4.5 N.M.) maximum torque.
- If screws don't get three complete turns in the screen inserts or if screws bottom out and bracket is still not tightly secured, damage may occur to screen or product may fail.

13 To prevent scratching the screen, set a cloth on a flat, level surface that will support the weight of the screen. Place screen face side down. Refer to screen manufacturers instructions or customer service, for removing any knobs, base, cover, or screw(s) on the back of the screen to prepare mounting. These need to be removed to allow the adapter brackets to be attached.

Position adapter brackets (**F**) over mounting holes on back of screen. Adjust the position of assemblies (**AA** and **BB**) so that they are at least 32" apart. Make sure assemblies (**AA** and **BB**) are evenly spaced from the adapter brackets. Tighten screws (**I**) to lock position of assemblies (**AA** and **BB**).

Select the small, medium, large or extra large screws from the baffled fastener pack then attach adapter brackets to screen following figure 13.1.

NOTE: Top and bottom mounting holes must be used for attaching brackets. Verify that all holes are properly aligned, and then tighten screws using a security allen wrench.

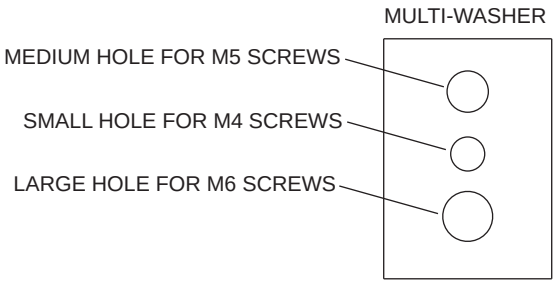


NOTE: "X" dimensions should be equal.

NOTE: "Y" dimensions should be equal.

Notes:

- The number of fasteners used will vary, depending upon the type of screen.
- Multi-washers and spacers may not be used, depending upon the type of screen.
- Use the corresponding hole in the multi-washer that matches your screw size as shown.



13-1 Begin with longer length screw, hand thread through multi-washer, adapter bracket and spacer in that order into screen as shown below. Screw must make at least three full turns into the mounting hole and fit snug into place. Do not over tighten. If screw cannot make three full turns into the screen, select a shorter length screw from the baffled fastener pack. Repeat for remaining mounting holes, level brackets and tighten screws.

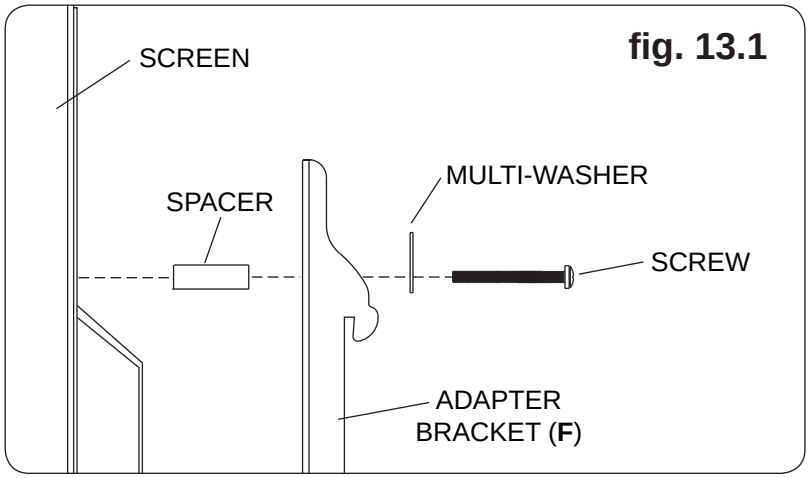
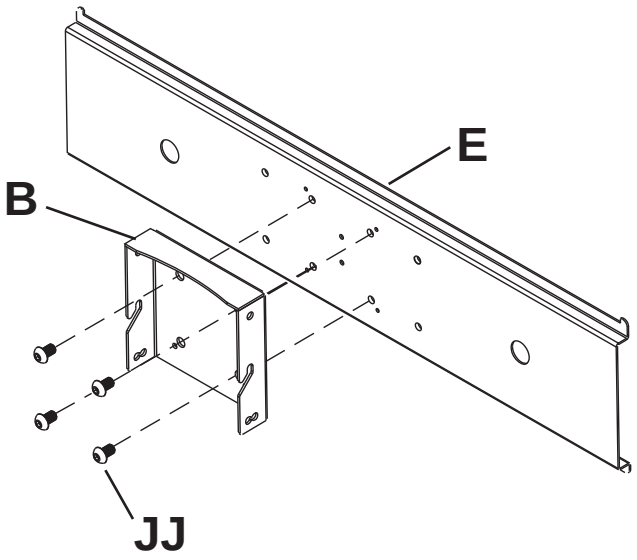


fig. 13.1

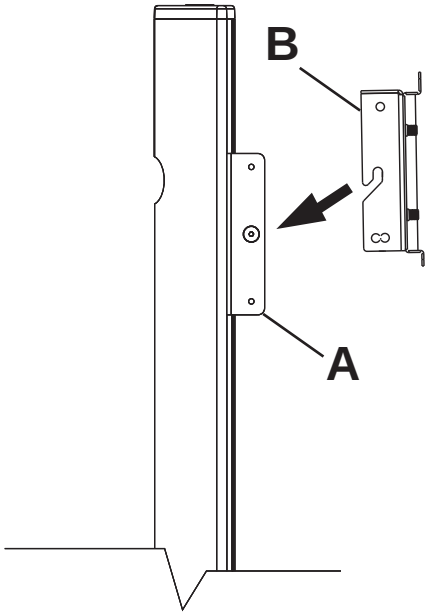
If you have any questions, please call Peerless customer care at **1-800-865-2112**.

Attaching Universal Adapter Plate

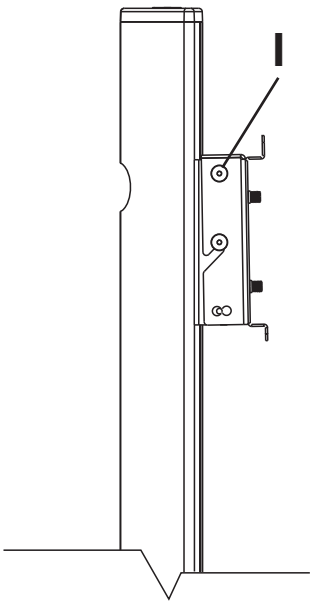
14 Attach Universal Plate (**E**) to hook plate (**B**) using four M10 x 15 mm socket screws (**JJ**). Tighten screws using 6 mm allen wrench (**Q**).



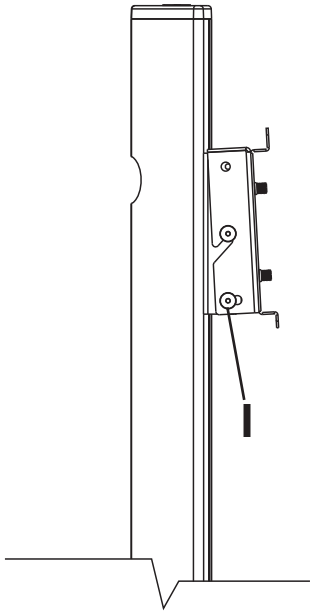
15 Attach hook plate (**B**) to screen mount bracket (**A**).



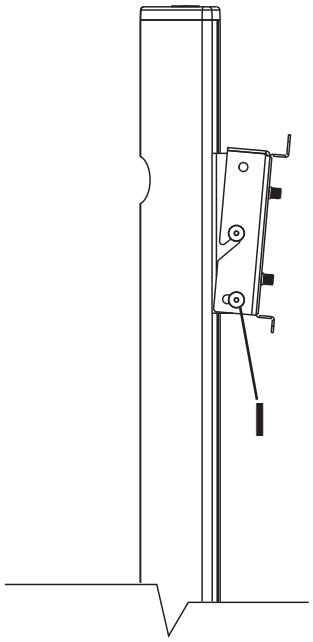
16 Insert two 1/4-20 x 12 mm screws (**I**) into holes indicated below for desired screen orientation. Tighten all screws using 4 mm allen wrench (**N**).



No Tilt



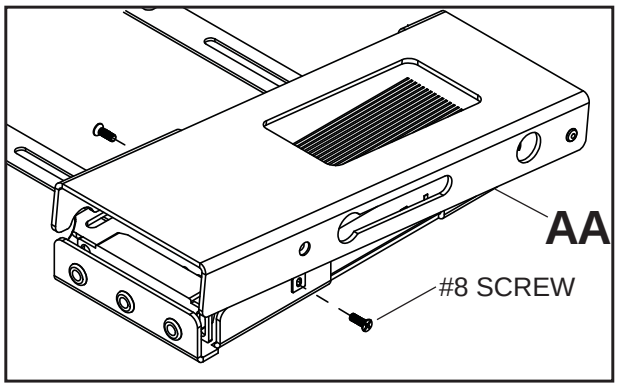
2° Backward Tilt



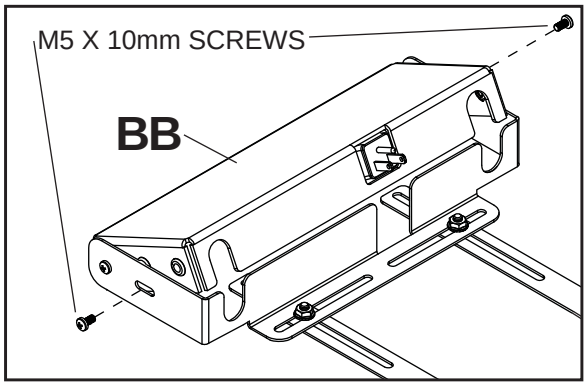
5° Forward Tilt

Wireless Receiver Assembly and Power Module Assembly Setup

17 Remove the two #8 screws securing the cover of the wireless receiver assembly (**AA**) as shown in detail 4. Open the enclosure to expose the wireless receiver and IR unit. Remove the M5 x 10mm phillips screws and open the power module assembly (**BB**) as shown in detail 5.

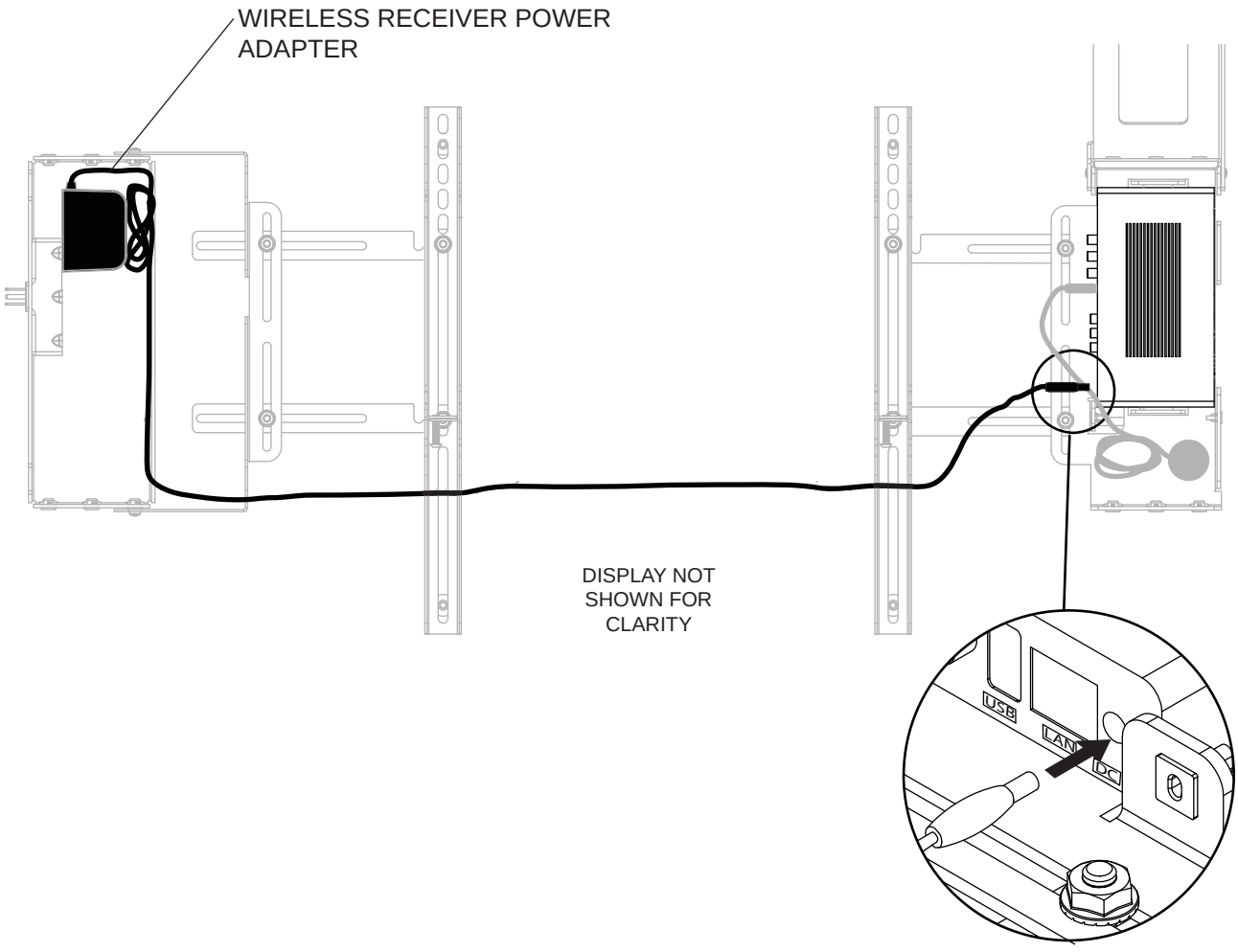


DETAIL 4



DETAIL 5

18 Untie the wireless receiver power adapter cord and route as shown below. Plug the end of the power adapter into the outlet marked **DC** on the wireless receiver as shown in detail 6. Coil up the excess cord and secure with a cable tie (**HH**). Store the coiled cord between the power adapter and the power module wall as shown.



DETAIL 6

19 Locate the IR receiver inside of the wireless receiver enclosure shown in figure 19.1. Remove the tie from the cable and position the IR receiver on the display within line of sight of your remote as shown in figure 19.2. Remove the adhesive backing from the IR receiver eye and attach to the display. Coil up the excess cord near the wireless receiver enclosure (**AA**) and secure with a cable tie (**HH**). Store the coiled cord back inside of the enclosure.

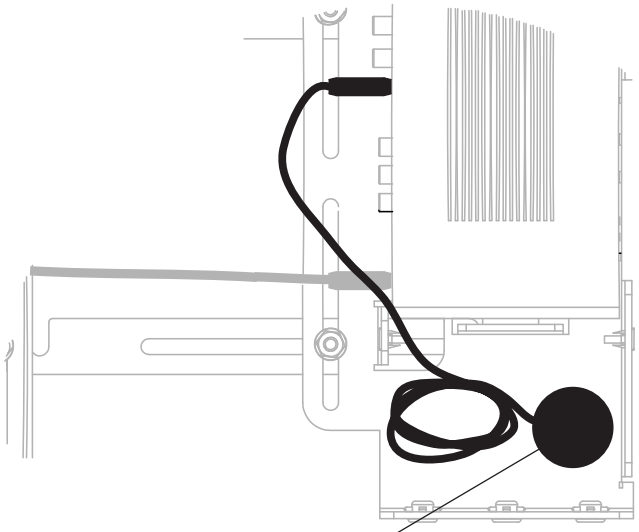
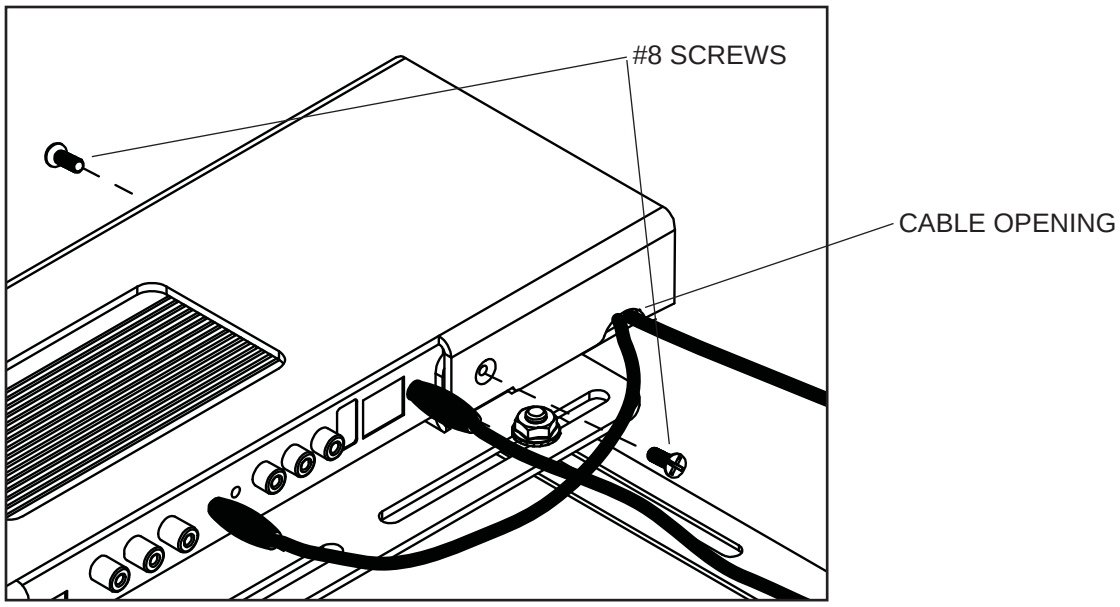


fig. 19.1

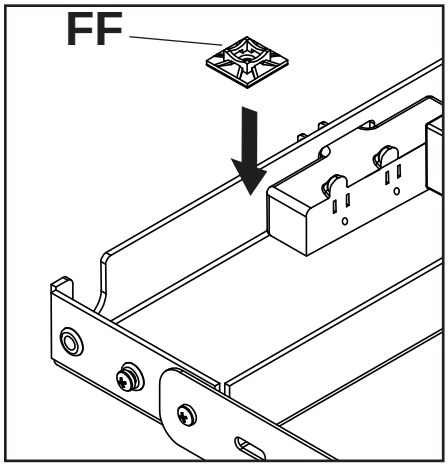
fig. 19.2

20 Close the top cover of the wireless receiver assembly (**AA**), making sure that the power adapter cords run underneath the cable opening as shown below. Re-install the two #8 screws.

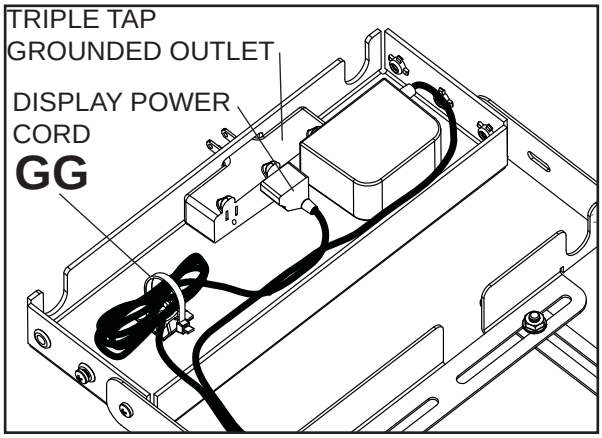


ISSUED: 08-24-12 SHEET #: 180-9037-2 10-30-12

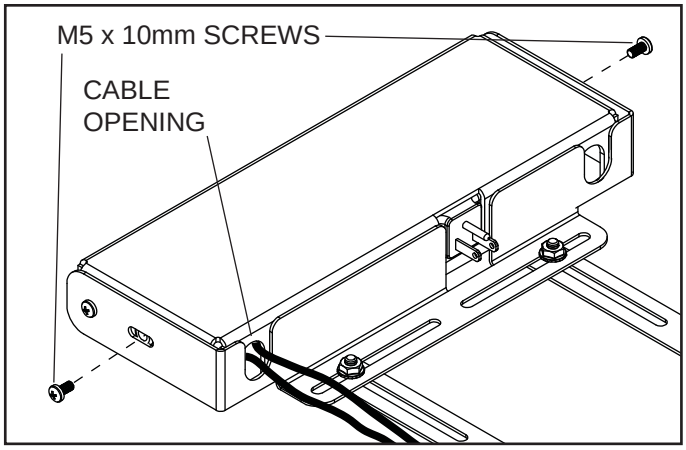
21 Install the cable tie anchor (**FF**) onto the inside back wall of the power enclosure (**BB**). Remove the adhesive backing from the anchor and press into place in the area shown.



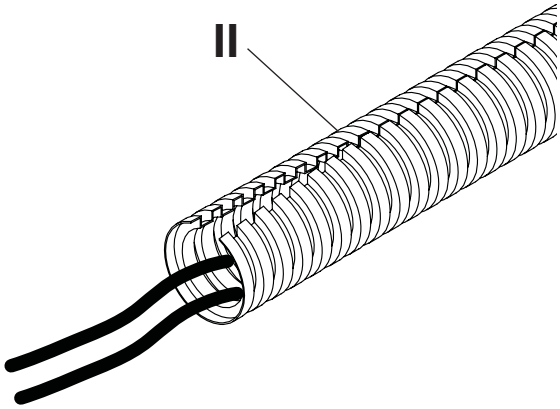
22 Plug the power cord from your display into the triple tap grounded outlet as shown. Coil up the excess cord and secure with a cable tie (**GG**), inserting it through the cable tie anchor (**FF**) and around the coiled cord.



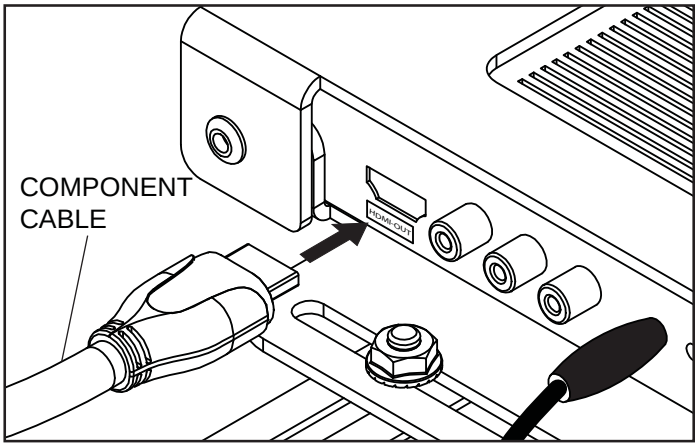
23 Close the top cover of the power module assembly (**BB**), making sure that the power adapter cords run underneath the cable opening as shown below. Re-install the M5 x 10mm phillips screws.



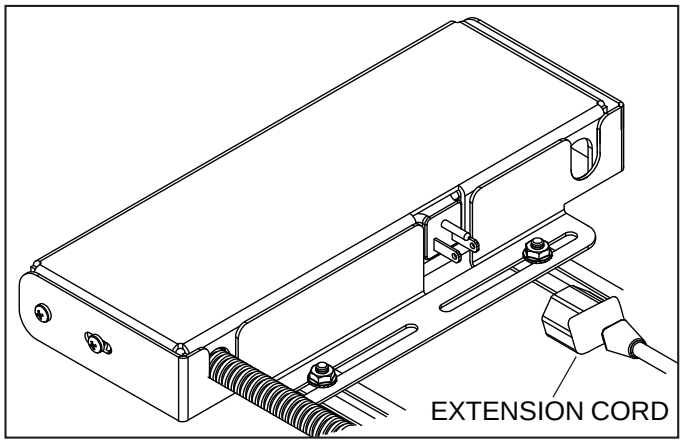
24 Place the cords inside the cable management sheath (**II**) by pushing the cables through the slit in the sheath. **NOTE**: The sheath may need to be trimmed to length before installing cords.



25 Plug the component cable(s) from your display (HDMI shown) into the wireless receiver.



26 Plug extension cord (not included) into power adapter.



Mounting and Removing Flat Panel Screen

⚠ WARNING

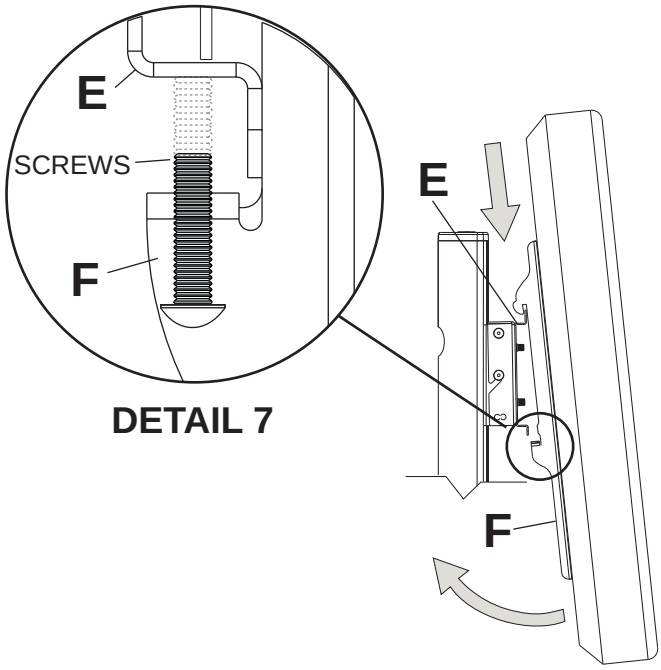
- Always use an assistant or mechanical lifting equipment to safely lift and position the plasma television.

27 Hook adapter brackets (**F**) onto universal plate (**E**), then slowly swing screen in as shown. Turn screws of adapter plate (**F**) clockwise at least six times to prevent screen from being removed as shown in detail 7.
NOTE: Tighten using 4 mm allen wrench (**N**).

Screen can be adjusted horizontally if desired.

NOTE: It is important to lock screen down! To lock the screen down, fully tighten screws to adapter bracket as shown in detail 7.

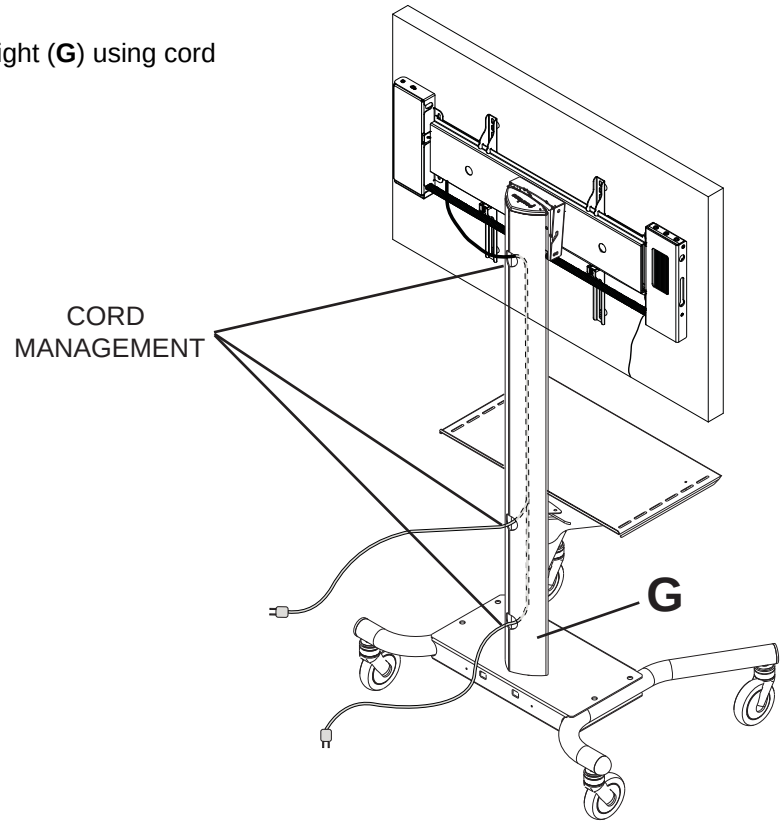
To remove screen from mount, loosen screws, swing screen away from mount, and lift screen off of mount.



DETAIL 7

Cord Management

28 Run extension cord (not included) through upright (**G**) using cord management holes.



29 To complete the installation of your wireless mount, please refer to the HD Flow™ User's Manual and the HD Flow™ Install Guide included.

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Product	Warranty Period
Mounts	5 years
Furniture	1 year
Cables	25 years
Cleaning Products	1 year
Electronic Products and components	1 year

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