Instructions – Fold Down TV Ceiling Mount

33FD001

WARNING! SEVERE PERSONAL INJURY AND PROPERTY DAMAGE CAN RESULT FROM IMPROPER INSTALLATION OR ASSEMBLY. READ THE FOLLOWING WARNINGS BEFORE BEGINNING.

- If you do not understand the instructions or have any concerns or questions, please contact a qualified installer
- Do not install or assemble if the product or hardware is damaged or missing. If you require replacement parts, contact your distributor for assistance.
- For safe installation, the ceiling you are mounting to must support 4 times the weight of the total load. If not, the surface must be reinforced to meet this standard. The installer is responsible for verifying that the ceiling structure/surface and the anchors used in the installation will safely support the total load. For Ceiling mounted products, professional installation is highly recommended.
- Do not use this product for any application other than those specified by the instructions.
- This product may contain moving parts. Use with caution.
- DO NOT EXCEED THE MAXIMUM WEIGHT CAPACITY FOR THIS PRODUCT.

Tools Needed

1. #2 Philips Screwdriver
2. 3/8 drive ratchet set with 9/16 and 1/2 inch sockets, various extensions and swivels.
3. Tape Measure
4. Pencil
5. Stud Finder
6. 2 People are required

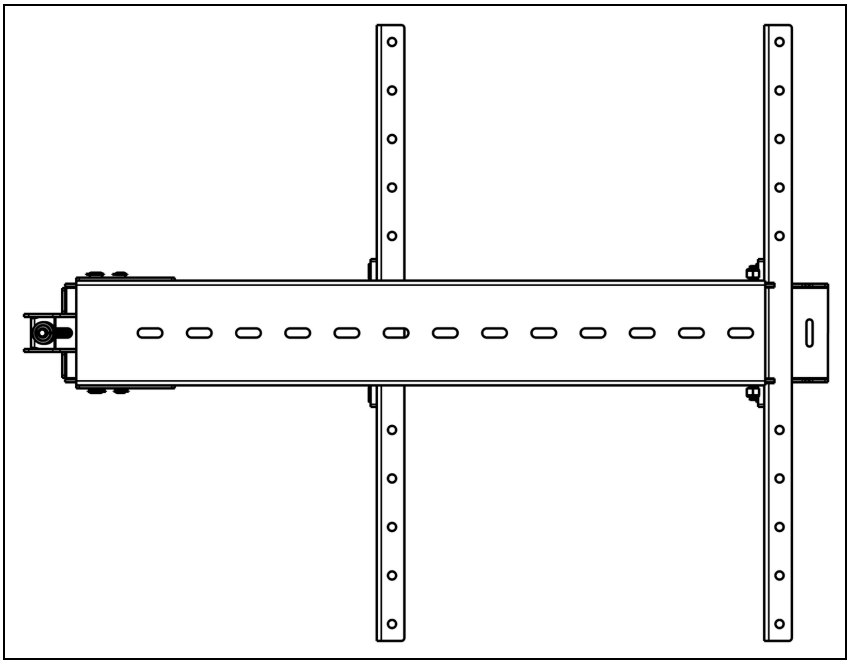
1 Find ceiling joist(s) and mark edge and center locations.

It is acceptable to attach mount to a single ceiling joist running inline with the mount. Or it can attach to 2 different ceiling joist.



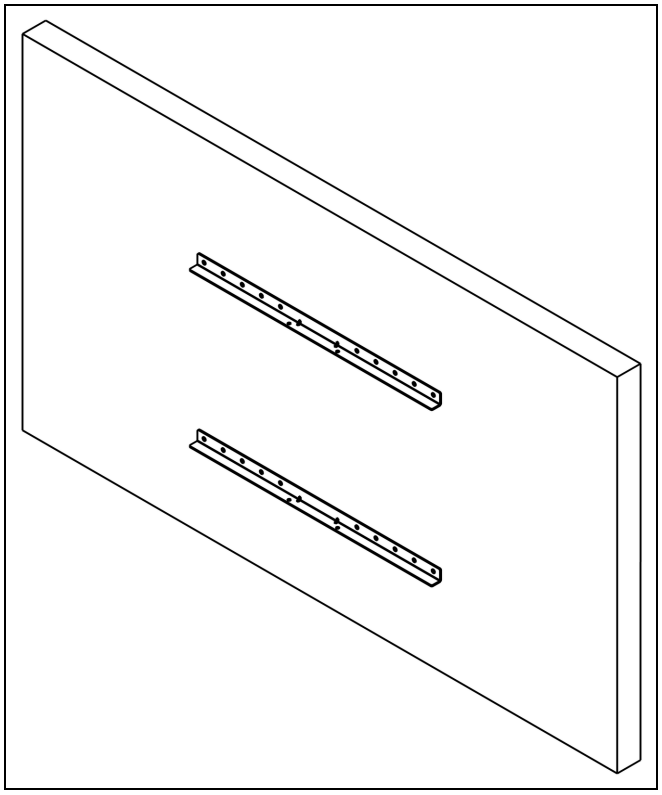
2 For wood structure: Locate location lag bolts will be installed and pre drill holes for the supplied 5/16 x 3 lag screws and fender washers with 15/64 drill bit.

If you are not attaching to wood structure this step will be different and we recommend you consult with a professional installer.



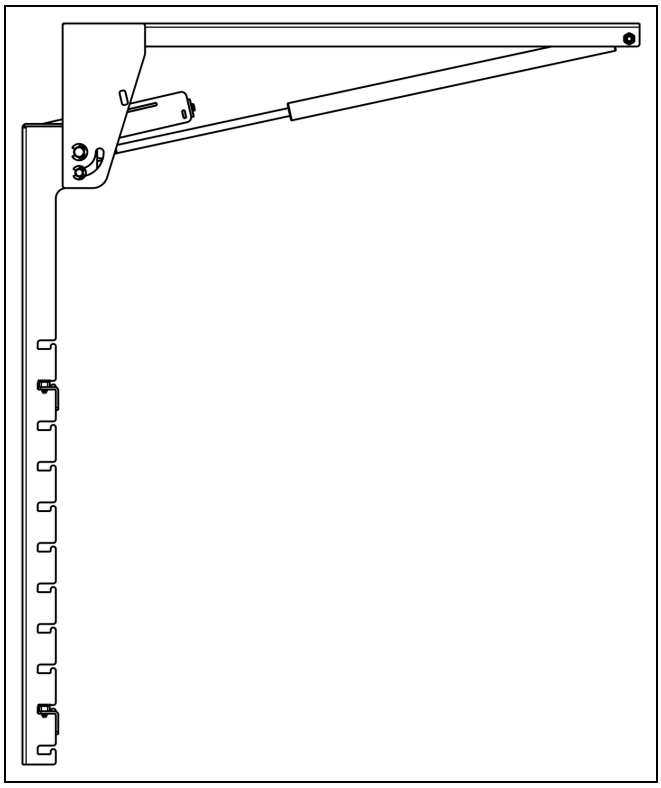
3 You will need 2 people to use a ratchet and socket to install lag bolts into wood securing mount to ceiling. You may need to use a combination of extensions and swivels to accomplish this task. You may need to temporarily hinge the mount open to access some locations. The mount comes configured at its lowest force setting, but still may take some strength to unfold mount.

4 Attach horizontal mounting rails to back of TV.



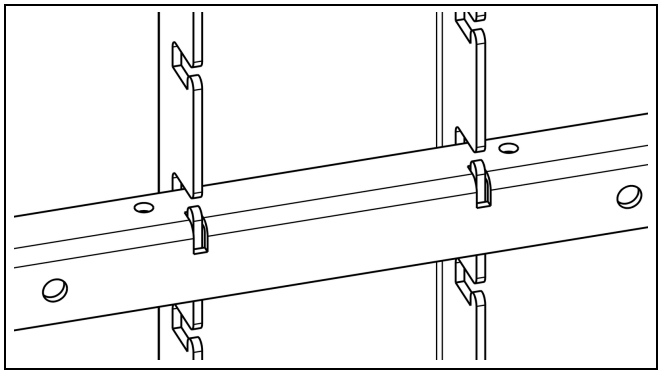
You will use the provided screws and possibly an assortment of spacers to accomplish this task. 2 or more lengths of each different metric mounting screws are provided.

5 Unfold the mount so the folding arm is in the vertical position.



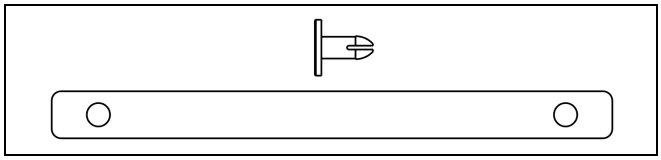
This photo shows the mount with the gas springs adjusted to the position you should receive the mount in. This is the position where it is easiest to unfold the mount.

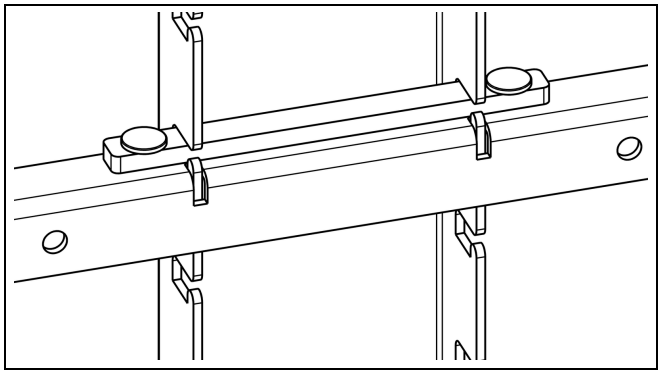
6 Hook the TV on the folding arm. There are small nubs in slots on the folding arm that will fall into the slots in the horizontal mounting rails on the back of the TV. This is a 2-person task to hold the TV and align the nubs into the slots.



7 Install TV locking bars and plastic rivets.

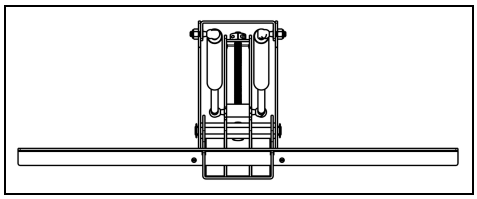
Slide locking bars in position on top of mounting rails and install 2 plastic rivets to retain.

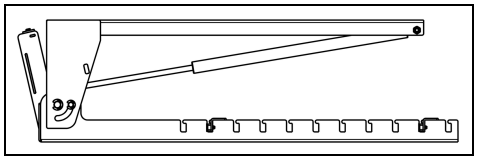


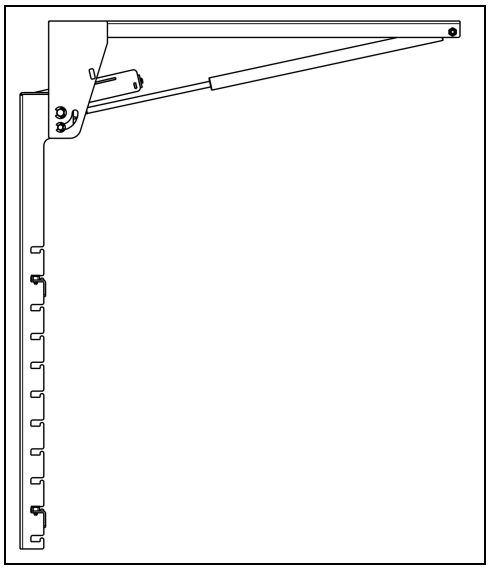


8 Adjust the amount of force required to hold the TV in the up position.

At this point if you attempt to fold the TV up it will probably not stay. The following series of images show how the position of the springs relate to how the lifting force of the mount is adjusted.





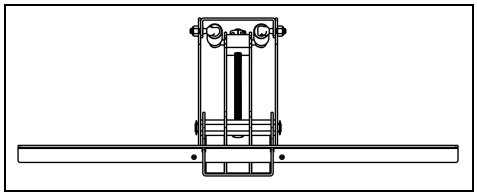


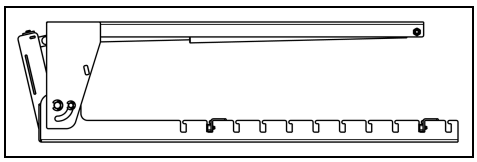
The lifting force of the mount is adjusted by rotating a long bolt though a hole in the bottom side of the lifting arm. You will need a 9/16 socket, ratchet and extension to access the head of the bolt. DO NOT USE A POWER TOOL TO MAKE THIS ADJUSTMENT, ESPECIALLY NOT AN IMPACT TYPE DRIVER. Since the mount comes adjusted to provide the least amount of lifting force available you will start adjusting by rotating the bolt counterclockwise (loosening).

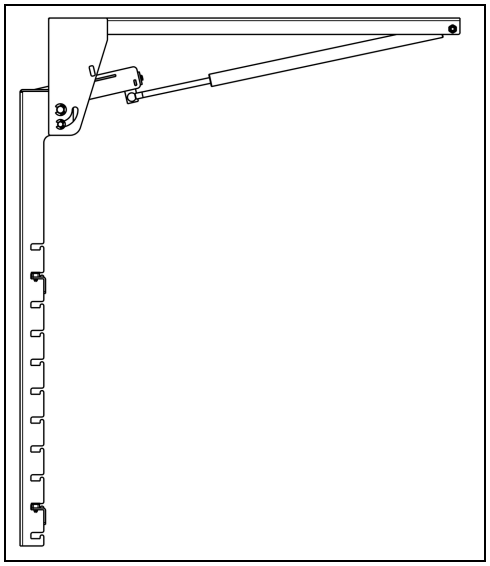
To decrease the force, you will rotate the bolt clockwise (tightening).

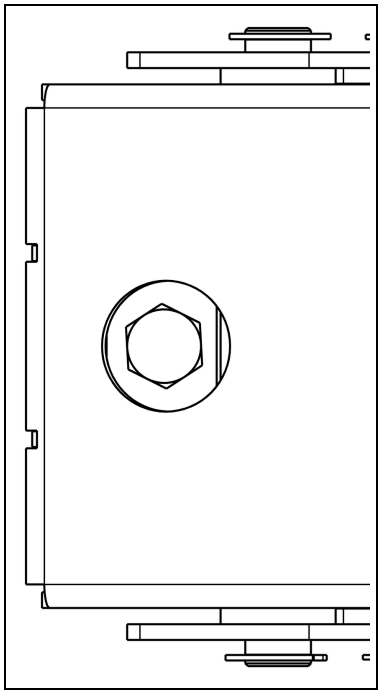
The preceding 3 images show the mount adjusted to provide the least amount of lifting force.

The following 3 images show the mount adjusted to provide the maximum lifting force.







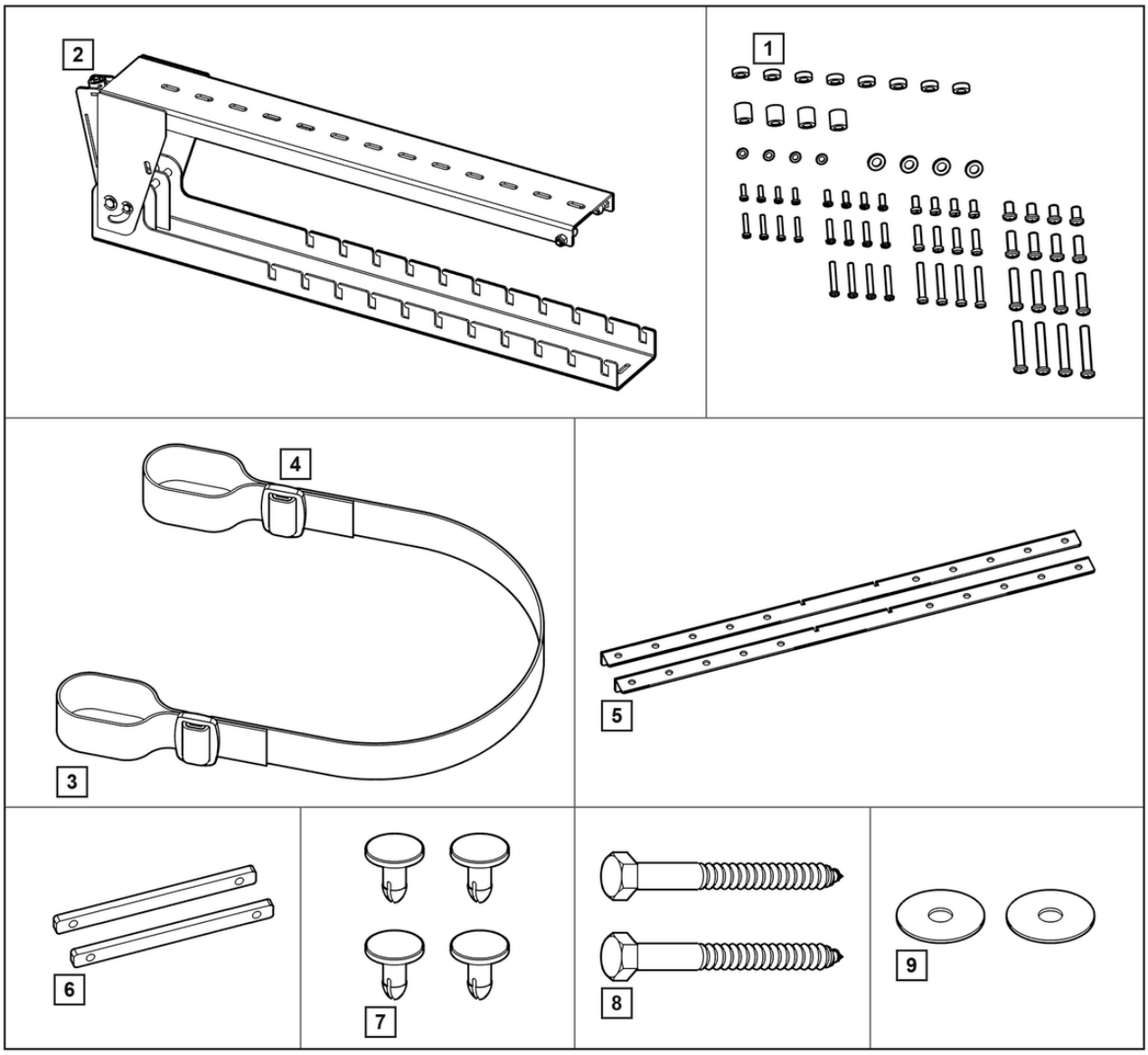


It is easiest to have one person hold the TV in the folded-up position while making this adjustment. You will need to go slowly testing frequently to see if you have made enough adjustment yet.

WARNING

If you need to remove the TV from the mount for any reason, you MUST release the tension by rotating the adjustment bolt CLOCKWISE until it will travel no further. Failure to do so will result in the mount being able to slam shut with great force. Possibly causing injury.

33FD001 Folding TV Ceiling Mount — Parts List



ITEM	PART NAME	DESIGNATION	QTY
1	TV screw kit	HW-0100	1
2	Folding mount assembly	VMS-0002	1
3	Pull strap, nylon, 1 in x 3 ft (fitted to the drop arm)	OT-0015	1
4	Strap buckle, plastic, 1 in (on the strap)	HW-0010	2
5	TV mounting rail	incl. in 33FD001	2
6	Lock bar	incl. in 33FD001	2
7	Push-in rivet, plastic (for the lock bars)	HW-0011	4
8	Lag screw 5/16 x 3	HW-0119	2
9	Fender washer 5/16 x 1-1/4	HW-0120	2