

Model FC-100 "Smooth Glide" Television Support Arm Installation Guide & Owners Manual



First Choice Support's model FC-100 "Smooth Glide" Television Support Arm utilizes the latest materials and techniques in fabrication. Consequently, it is capable of balancing heavier loads with greater reach. The heavy gauge steel construction and large coil springs allow the model FC-100 to support loads from 10 to 20 Lbs with a 54" extension from the wall. Our new and exclusive "Smooth Glide" system provides feather smooth movement to any position. Spring adjustment is made easily and without the need to disassemble. Adjustment points are readily accessible and eliminate any need for removing the arm from its mounting.

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Section I. Installation Instructions

Caution: To prevent possible accident hazard, the tamper proof safety bolt must be in place before removing television from arm or arm from wall mount. If you are unsure of proper procedure, call out office at 419-476-6572 before proceeding !

Remove arm from packaging and dispose of packaging properly. Place arm pin into wall mount until it is set fully down onto top of brass bushing. If base of mount does not set fully onto brass wall mount bushing, this may indicate that the arm pin is longer than the depth of the mounting hole. If this is the case, a different pin will need to be installed on the arm. If installing into a First Choice Support mount, the arm pin should fit appropriately. After setting arm into mount, tighten hex security screw until it cannot be tightened any more. Move the arm from side to side to ensure freedom of movement. If movement is stiff, loosen the hex security screw until arm is free moving from side to side. To ensure security screw is set properly, try to lift arm out of wall mount. You should be unable to remove arm if security screw is properly set. (Note: wall mounts and other types of mounts were not evaluated as part of the UL investigation and approval process. Not all mounts or pins include this security feature. For safety reasons, these items are highly recommended by First Choice Support and can be obtained by calling your dealer or First Choice Support direct.)

Caution: The brake bolt/retainer bolt is shipped in the brake position.

Remove plastic band holding nose cover in place. Lift nose cover up until parallel with front arm assembly (nose cover should stay in this position without assistance). Remove swivel retainer located within nose assembly. Lift television to nose assembly so that television swivel aligns with clevis and slide forward until completely inserted. Install swivel retainer by inserting television coax through large opening of retainer and setting retainer onto swivel top and mounting bolt. Secure with lock washer and cap nut supplied. (Television may need to be rotated slightly and pushed back in order to align retainer.) Attach the cable from the arm to the cable from the television with the female splice fitting supplied. Slide the boot on the arm connector over the connector assembly. Dress the cable assembly into a circle or figure eight to allow the nose cover to be repositioned. While lifting up on the nose cover, pull down nose cover making certain not to force or bend it. Align front mounting holes in nose cover with holes in nose assembly. Remove brake bolt/retainer bolt from brake position and install in retainer position (end of nose assembly through nose cover assembly)

Section II. Operation Instructions

Adjustments

The model FC-100 Television Support Arm includes two spring assemblies that may require periodic adjusting. Adjustment is made with the load (TV or other device) attached to the nose assembly. Adjustment screws are located in the base and in the nose. The base spring adjusting screw controls the tension that supports the rear arm assembly and the nose spring adjusting screw controls the tension that supports the front arm assembly. The elbow braking screws, two locations for rear assembly and two locations for front assembly for a total of four screws controls the braking friction used to dampen the spring reaction.

Caution: Do Not attempt to adjust arm assembly without a load device attached to nose.

The Load From The Arm

Read arm and TV instructions carefully. Severe injury could result from removing TV load from arm without first installing brake bolt/retainer bolt in brake position. Severe injury could result from removing brake bolt/retainer bolt from brake bolt location before a load is attached to nose. Follow installation instructions carefully. **If you are unsure of proper procedure, call our office at 419-476-6572 before proceeding !**

Before adjusting arm, ensure that all components are assembled properly and there are no misaligned or damaged components. If defects or abnormalities are found, repair first before continuing. Loosen the four braking screws at the elbow. With load attached, pull rear arm assembly so that it is almost parallel with the floor. Release and monitor arm movement. If rear arm assembly falls downward towards floor rapidly, tighten base spring adjusting screw by turning clockwise, increasing tension so that this falling motion is reduced to a slight sag or droop. Now pull from arm assembly out horizontally so that it too is parallel with the floor. If the front arm assembly falls rapidly, tighten nose spring adjusting screw by turning clockwise, increasing tension so that this falling motion is reduced to a slight sag or droop.

Reverse tension tightening procedure if spring is over tightened to the point of causing either arm assembly to raise when parallel to the floor. When spring adjustment is correct, snugly tighten the four elbow braking screw so that positioning motion is smooth and Requires minimal force to reposition. Ensure also that both arm assemblies remain where positioned. Tighten loose elbow-braking screws accordingly to achieve desired result.

Section III. Inspection & Maintenance

Do not attempt to remove arm for service without first removing brake/retainer bolt from its retainer position to the brake bolt position. TV load can be removed only after brake bolt is properly located in the brake bolt position. Serious injury may result if proper procedure is not followed. Completely remove all spring tension before attempting to disassemble arm assembly. Failure to remove spring tension may result in severe injury. Follow all safety precautions when servicing. **If you are unsure of proper procedure, call our office at 419-476-6572 before proceeding !**

Frequent and proper inspection is the first step towards preventing damage to or excessive wear of arm. When inspecting arm, carefully look at straightness of arm channels. If channels are bent or worn at bushing, remove arm from service, and repair. Inspect bolts and nuts for proper alignment. If brake-adjusting screws are backed out or loose, tighten according to brake adjustment instructions. If nuts are loose, tighten snugly with nut-driver. If any nuts are missing, replace immediately. Inspect base pin to ensure that it is properly set into wall mount receptacle. Check for base pin straightness. If bent, replace.

The FC Series “Smooth Glide” Television Support Arm



Model FC-80

Supports 0 -14 Lbs
With a 54” extension



Model FC-120

Supports 5 to 18 Lbs
With a 67” extension



Model FC-100

Supports 10 to 20 Lbs
With a 54” extension

The UL/CUL Approved FC Series “Smooth Glide” Television Support Arm features a strategically located breaking system that allows a wide range of adjustment and ease of movement. Maintaining a positive position for comfortable viewing, the FC series Television Support Arm is perfect for any healthcare grade television

Visit Our Website at www.FirstChoiceSupport.com to see more First Choice Support Products

Section IV. Warranty Policy

Warranty and Special Provisions for the U.S. & Any Other Country

Limited Warranty

First Choice Support warrants that any hardware will be free from defects in materials and workmanship under normal use and service for a period of two (2) years from the date of receipt, excluding coaxial cables and fittings. Some states/jurisdictions do not allow limitations on duration of an implied warranty, so the above limitation may not apply to you. This warranty is voided if the hardware's serial number or any identifying marks have been removed. If your hardware needs repair, you must call 419-476-6572 to obtain a return authorization number prior to shipping. No return shipments will be accepted without a return authorization number on the outside of the shipment.

Customer Remedies

First Choice Support's entire liability and your exclusive remedy shall be, at our option, either (A) return of the price paid, or (B) repair or replacement of the hardware that does not meet this limited warranty and which is returned to First Choice Support System Corp. This limited warranty is void if failure of the hardware has resulted from improper installation, vandalism, accident, abuse, misuse or misapplication. Any replacement hardware will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer.

No Other Warranties

To the maximum extent permitted by applicable law, First Choice Support disclaims all other warranties, either express, implied or statutory, including, but not limited to implied warranties of merchantability and fitness for a particular purpose, with regard to any hardware. This limited warranty gives you specific legal rights. You may have others which vary from state/jurisdiction to state/jurisdiction.

No Liability for Consequential Damages

To the maximum extent permitted by applicable law, in no event shall First Choice Support be liable for any damages whatsoever (including without limitation, special, incidental, punitive, consequential, or indirect damages for personal injury, loss of business profits, business interruption, loss of business information or any other pecuniary loss) arising out of the use of or inability to use this product, even if First Choice Support has been advised of the possibility of such damages. In any case, First Choice Support's entire liability under any provision of this agreement shall be limited to the amount actually paid by you for the hardware. Because some states/jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you.

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Section IV. Warranty Policy (Continued)

Governing Law and General Provisions

This agreement will be governed by the laws in force in the state of Ohio excluding the application of its conflicts of law rules. This agreement will not be governed by the United Nations Convention on contracts for the international sale of goods, the application of which is expressly excluded. If any part of this agreement is found void and unenforceable, that particular provision will be deemed modified to the extent necessary to make the provision valid and enforceable, and the remaining provisions will remain in full force and effect. Any revision shall not affect the validity of the balance of the agreement, which shall remain valid and enforceable according to its terms. You agree that the hardware will not be shipped, transferred or exported into any country or used in any manner prohibited by the United States Export Administration Act or any other export laws, restrictions or regulations. This agreement and provisions may only be modified in writing signed by an authorized officer of the First Choice Support System Corporation.

Section V. Return Policy

If your hardware needs to be repaired or replaced, you must call 419-476-6572 to obtain a return authorization number prior to shipping. No return shipments will be accepted without a return authorization number on the outside of the shipment. If you must ship the hardware to First Choice Support or an authorized First Choice Support dealer, you must prepay shipping and either insure the hardware or assume all risk of loss or damage in transit.

Note: Please read the First Choice Support Warranty Policy before requesting a return authorization number.

First Choice Support System Corporation

203 Matzinger Road
Toledo, Ohio 43612

Phone: 419-476-6572

Fax: 419-476-1324

Please Visit Our Website

www.FirstChoiceSupport.com