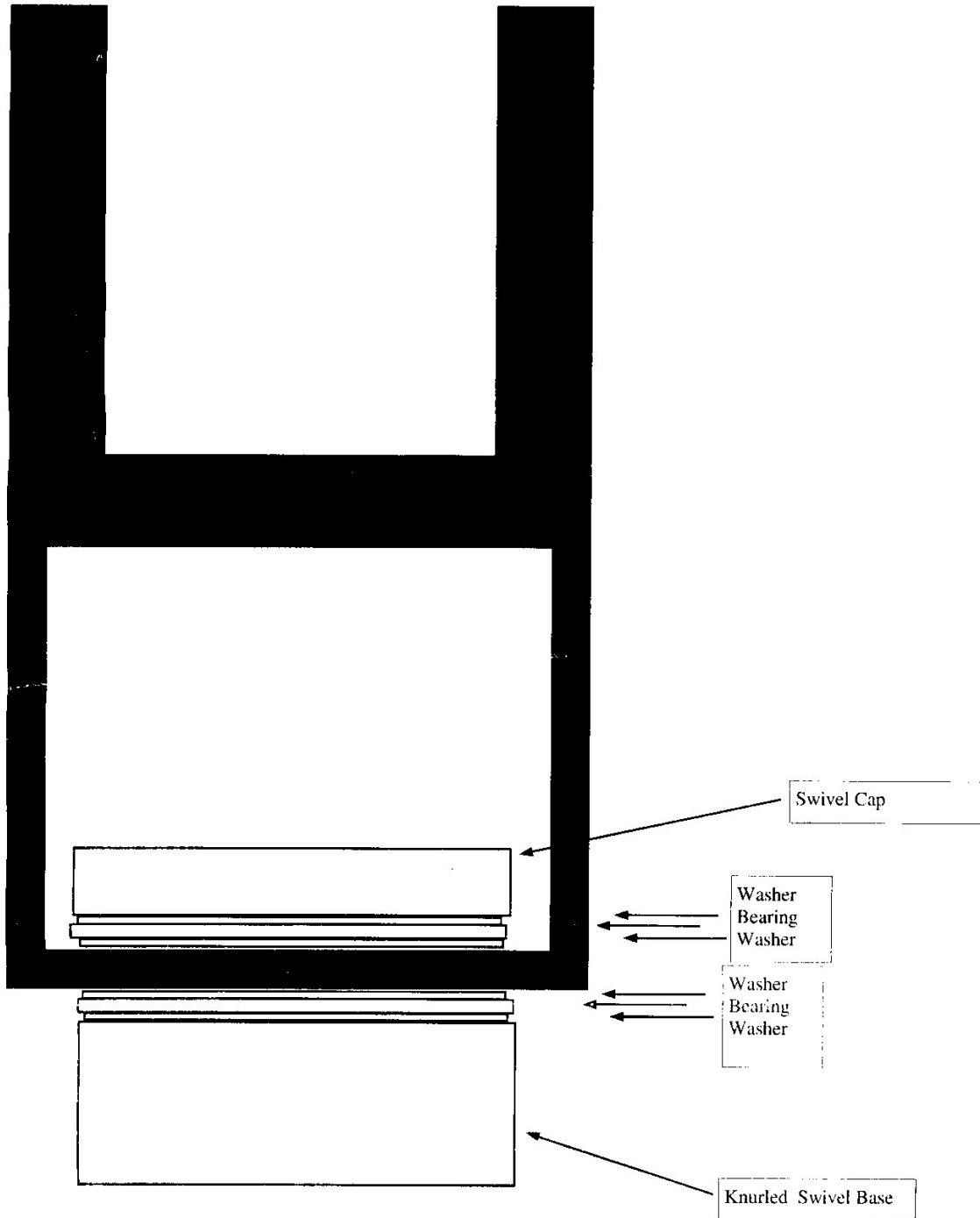
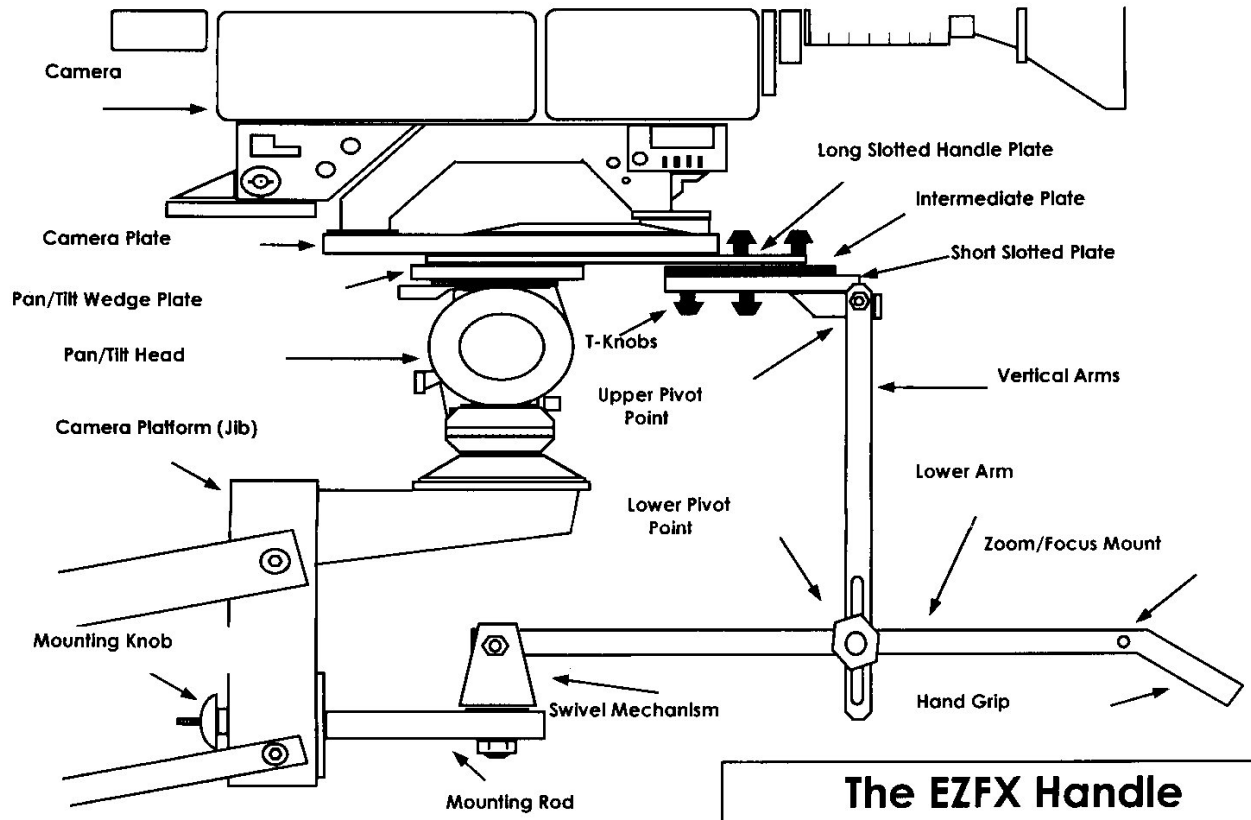


## Re Assembling The Swivel Bearings





**The EZFX Handle**

# EZ Jib Instructions

**NOTICE: REVIEW SAFETY TIPS BEFORE OPERATION**

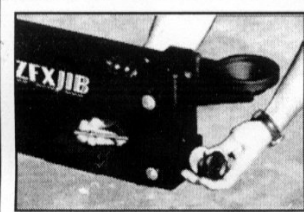
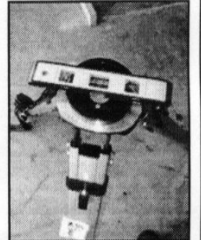


1. Place the tripod where you will be using the jib. Tighten the legs as much as possible. *Use Super Clamps for additional strength. See Pg ?*



2. Remove the pan/tilt head from the tripod. It will be mounted to the jib later.

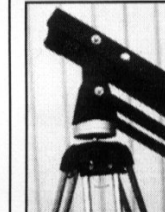
3. Use the level, provided with the EZ Jib, to level the tripod. Place the level on the top of the pod and center the bubble in each direction.



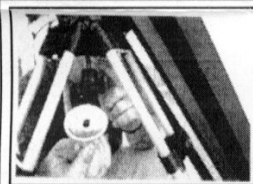
4. Remove the mounting shaft, knob & washer from its storage place on the camera end of the jib.



5. Hand tighten the mounting shaft (*short treaded end*) to the swivel mechanism at the bottom of the Jib.



6. Mount the jib to the tripod. The plate should rest on the top of the tripod bowl.



7. Using the knob, washer and shaft. Mount the jib to the tripod.



8. Remove the knob and bolt that holds the counter weight arm in it's folded position.



9. Unfold the tail arm (*counter weight bar*) over and back.



10. Use the bolt and knob to lock the counter weight arm into its extended position.



11. Mount the pan/tilt head to the bowl at the camera platform of the jib.



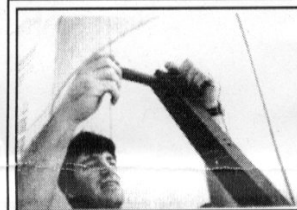
12. Level the pan/tilt head and lock it in position.



13. Mount the camera to the pan head. Always lock the tilt when you walk away from the camera.



14. Loosen the knob that holds the counter weight bar and remove it from its storage position.



15. Re insert the counter weight arm crossways in a horizontal position then re-tighten the holding knob.



16. Add counter weights until you've balanced the camera. Distribute the weight evenly on both sides.



17. Check for balance. To achieve perfect balance, add or remove the small counter weights.



18. Secure the counter weights to the bar with the spring clips.

## **EZ FX SAFETY PROCEDURES**

### **SAFETY TIPS**

*Please review the following tips before using the EZFX Jib, so so you can use it safely.*

1. Before using the JIB in a professional setting, practice the set up and operation of the jib in the convenience of your studio. Include any personnel that will be using the JIB and make sure that they understand how to use it safely.
2. The use of a leg spreader with the tripod is *required* when using the JIB. Either a floor spreader or midlevel spreader will tie the legs of the tripod together and strengthen the tripod.
3. Always rest the camera end of the JIB on to a solid surface when assembling or disassembling the JIB. You are working with a counter balancing system, with that in mind, remember that removing weight from either side can cause the other side to drop.  
When assembling the JIB mount the camera first, then add the counter weights. When disassembling the JIB, remove the counter weights first then remove the camera.
4. Never remove any weight from either end of the Jib when the Jib lift brake locked. Never force the Jib to move when it is locked in either the lift or swivel position.
5. Extending the legs of the tripod gives additional height to the JIB, but creates additional safety concerns. Use clamps such as the Super Clamps shown in our brochure to reinforce the tripod leg clamps and prevent the extended leg from slipping.
6. This extended configuration requires 2 people for set up. In this high configuration the camera will not rest on the ground even at its lowest position. Use a chair, table or spotter to support the camera during the set up and break down of the JIB. This will reduce the stress to the joints of the JIB and prevent it from tipping over.
7. There are many pinch points on the JIB, be careful with your fingers or cables that may be running to the camera.
8. Don't try to move the tripod with the JIB, camera and counter weights unless you have it on a rolling dolly. And even then, always roll the dolly with the camera in the low position and always have a spotter at the camera for security. If you have to move the JIB without a dolly, take the time to remove the counter weights and

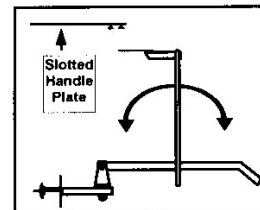
**DISASSEMBLY SAFETY:** Always remove the weights before the camera but make sure that the camera end of the jib is on a secure surface before removing any counter weights.

**LOCKING THE JIB SAFETY:** Never remove any weight from either end of the Jib when the Jib is locked. Never force the Jib to move when it is locked. Examples: 1. Don't try to swivel the Jib with the swivel lock engaged. 2. Don't try to move the camera up or down with the tilting brake engaged. Call if you have questions.

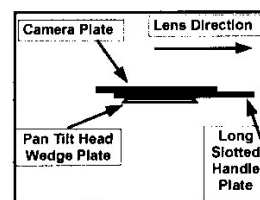
## EZ FX HANDLE SET UP

**NOTE:** All italicized parts can be identified on the EZ FX Handle diagram (Next Page)

**1. Unfold the EZ FX Handle** from its folded position and remove the slotted plate from the rest of the EZ FX Handle. When unfolding the Handle, the *hand grip* should pass between the two *vertical arms*.



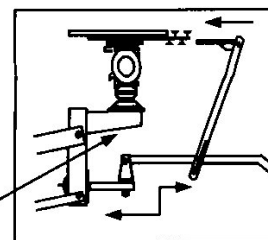
**2. Slide the Long Slotted Handle Plate (Silver)** between the *Camera Plate* and *Pan/Tilt Wedge plate* as shown in the diagram. The plate is thin enough for you to simply loosen your wedge plate screws, slide in the plate and re tighten. **This should be a one time only process.** The *Long Slotted Handle Plate* can remain with your camera plate at all times for future set ups. **Slide the plate so the bent edges face upward and the shorter slot is in on the lens direction end.**



**3. Attach the EZFX HANDLE to the EZFX Jib.**

Snap the *pan/tilt quick plate* back into the *pan/tilt head* mounted on the end of the jib. Remove the *mounting knob* from the *mounting post*. Run the screw through the hole at the *base of the camera platform* on the jib. Be sure that the *swiveling mechanism* and *mounting post* are in the proper configuration as shown in the drawing.

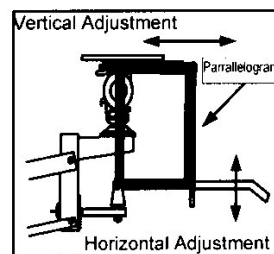
Attach the *Short Slotted Plate* to the *Long Slotted Plate* via the *Intermediate Plate & T Knobs*. Slide the slots and knobs together then tighten the knobs to secure the plates together. *Pan head screws* are provided for camera plates with the *release arm on the front end*.



**NOTE:** When using a *Bogen / Manfrotto head with the hand grip style claw ball washer & knob combo*, an *alternate knob & washer* will be needed to prevent interference with the EZ FX Handle.

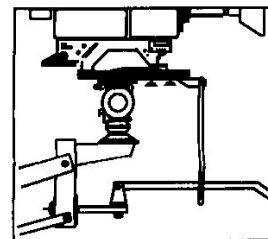
**4. Fine Tuning the EZFX HANDLE**

The objective here is to form parallels between the camera plates and *lower arm*. Do this by moving the *lower arm* up or down via the adjustment slots in the *vertical arms*. Also, form a parallel between the *vertical arms* and the imaginary line formed between the center of the *pan/tilt head* and the *swivel mechanism* of the HANDLE. Do this by gliding the *short slotted plate* forward or back in its glide track. Remember, the objective is to create a *parallelogram* between the horizontal and vertical arms. **These are one time adjustments that should not change** unless you use a different size pan/tilt head. You may want to place markings on the EZFX HANDLE and plates once adjustments are made.



**5. Mount the camera.**

Place the camera in the *camera plate* then add the counter weights to lift the camera. Adjust the pan and tilt friction on the head to suit your shooting preference.



**HELPFUL HINT:** Operating the EZ FX Handle requires two hands. One on the *hand grip* of the Handle for moving the camera and one on the *JIB* to counter act the other hand's motion. Try alternating hands to find your preference. With a little practice you can master it.

## Using the EZ FX HANDLE with Small Mini DV type Cameras

Due to the fact that small cameras like the Canon XL1, Sony PD150, Panasonic DVX 100 and others sit so low on the EZ FX Handle, it can sometimes be in view when the camera is in a wide angle setting. To avoid this issue we've included a rectangle block (FIG A) which will lower the portion of the Handle which is in lens view and solve this problem. The set up for this configuration is below.

**NOTE:** All italicized parts can be identified on the EZ FX Handle diagram (FIG. 1) in the EZ FX Handbook.

1. **Unfold the EZ FX Handle** from its folded position and remove the slotted plate from the rest of the EZ FX Handle. When unfolding the Handle, the *hand grip* should pass between the two *vertical arms*.

2. Attach the **rectangle block** (FIG A) to the *Long Slotted Handle Plate* (Silver) then slide the plate between the *Camera* and *Pan/Tilt Wedge plate* as shown in the diagram (Curved sides up). The plate is thin enough for you to simply loosen your wedge plate screws, slide in the plate and re tighten. **Slide the plate so the bent edges face upward and the block is in the lens direction.**

3. **Attach the EZFX HANDLE to the EZFX Jib and Camera.**

Connect your camera to the *pan/tilt head* mounted on the end of the jib. Remove the *mounting knob* from the *mounting post* of the EZ FX Handle. Run the screw through the hole at the base of the *camera platform* on the jib. Be sure that the *swiveling mechanism* and *mounting post* are in the proper configuration as shown in the drawing.

Attach the *Short Slotted Plate* to the *Long Slotted Plate* via the *Rectangle Block & T Knobs*. Slide the slots and knobs together then tighten the knobs to secure the plates together.

**NOTE:** When using a *Bogen / Manfrotto head with the hand grip style claw ball washer & knob combo*, an *alternate knob & washer* will be needed to prevent interference with the EZ FX Handle.

4. **Fine Tuning the EZFX HANDLE**

The objective here is to form parallels between the camera plates and *lower arm*. Do this by moving the *lower arm* up or down via the adjustment slots in the *vertical arms*. Also, form a parallel between the *vertical arms* and the imaginary line formed between the center of the *pan/tilt head* and the *swivel mechanism* of the HANDLE. Do this by gliding the *short slotted plate* forward or back in its glide track. Remember, the objective is to create a parallel-ogram between the horizontal and vertical arms. **These are one time adjustments that should not change** unless you use a different size pan/tilt head. You may want to place markings on the EZFX HANDLE and plates once adjustments are made.

**HELPFUL HINT:** Operating the EZ FX Handle requires two hands. One on the *hand grip* of the Handle for moving the camera and one on the JIB to counter act the other hand's motion. Try alternating hands to find your preference. With a little practice you can master it.

