

**Dolly Mode:**

- Dolly wide mode
- Dolly narrow mode

**Mode 1 (Mini Mode)**

- Mode 1 - Operating Platform
- Mode 1 - Remote

**Mode 1+**

- Mode 1+ - Remote Only

**Mode 2**

- Mode 2 - Operating Platform
- Mode 2 - Remote

**Mode 3**

- Mode 3 - Operation Platform
- Mode 3 - Remote

**Mode 4**

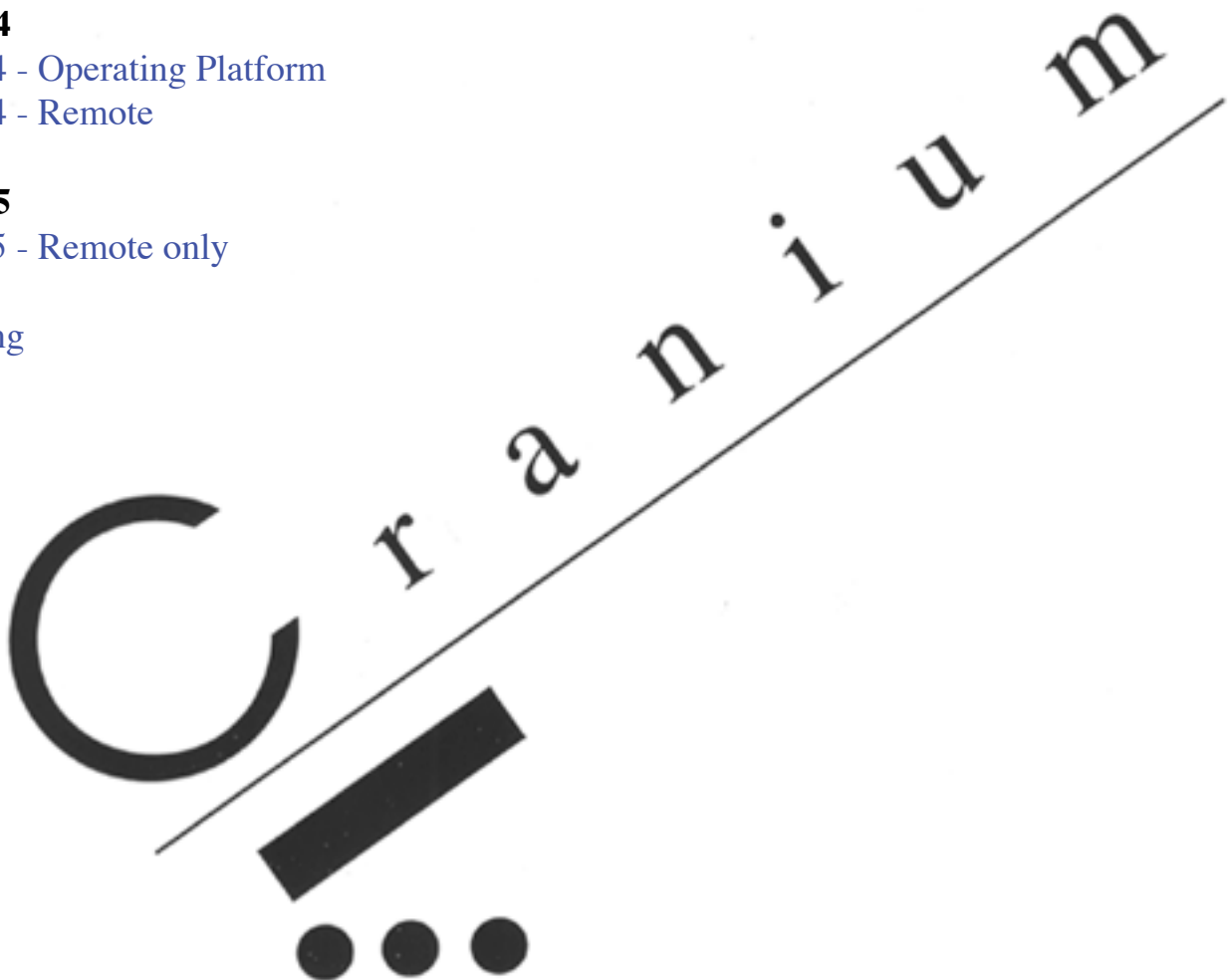
- Mode 4 - Operating Platform
- Mode 4 - Remote

**Mode 5**

- Mode 5 - Remote only

Leveling

Trailer

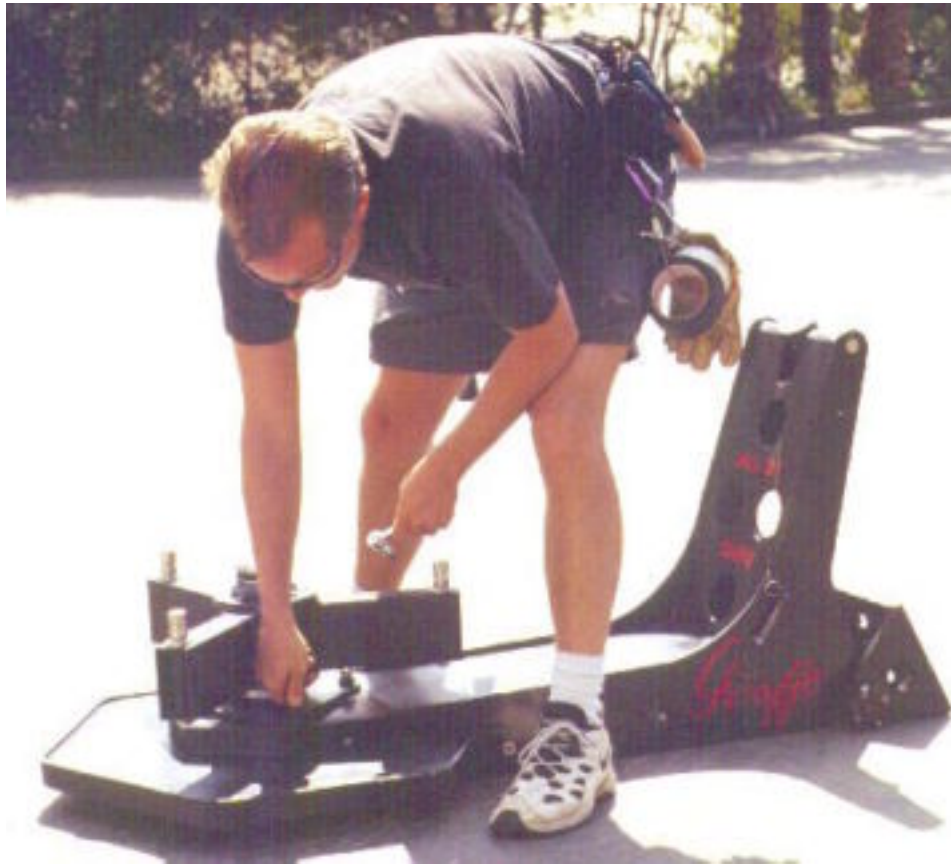




Dolly wide mode - Step 1: Unbolt main post from crane base.



Dolly wide mode - Step 2: Remove main post



Dolly wide mode - Step 3: Unbolt swivel seat unit to the crane base.



Dolly wide mode - Step 4: Remove swivel seat unit.



Dolly wide mode - Step 5: Place, then bolt swivel seat unit to the crane base.



Dolly wide mode - Step 6: Bolt track wheels to crane base crossbar just inside Ruff wheel.



Dolly wide mode - Step 7: Place Dolly onto crane-width (3'3") track.



Dolly wide mode - Step 8: Unbolt Ruff wheel (rubber wheel).



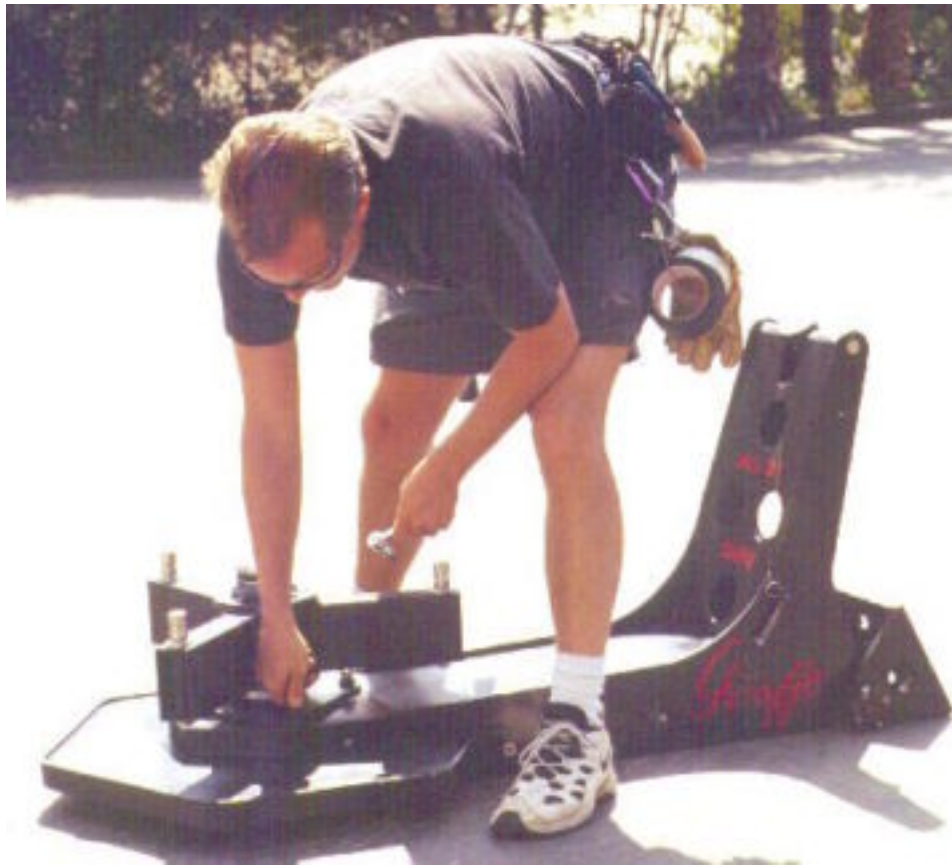
Dolly wide mode - Step 9: Remove Ruff wheel so it can't interfere with wedges under track.  
(End of steps)



Dolly narrow mode - Step 1: Unbolt main post from crane base.



Dolly narrow mode - Step 2: Remove main post.



Dolly narrow mode - Step 3: Unbolt swivel seat unit from Operating Platform.



Dolly narrow mode - Step 4: Remove swivel seat unit.





Dolly narrow mode - Step 5: Place, then bolt swivel seat unit to the crane base.



Dolly narrow mode - Step 6: Unbolt main crossbar (section that contains steering mechanism) from the crane base.



Dolly narrow mode - Step 7: Remove main crossbar (may need plastic mallet to remove).



Dolly narrow mode - Step 8: To disassemble, reverse steps- unthread track wheel bolt several turns (easier when weight is on dolly) and lift base. Tap bolt with plastic mallet until track wheel disengages from base. Unthread bolt the rest of the way by hand.



Dolly narrow mode - Step 9: Attach track wheels to crane base where main crossbar cones fit into main base. End of steps.



Mode 1 - Operating Platform - Step 1: Unbolt main crossbar from crane base.



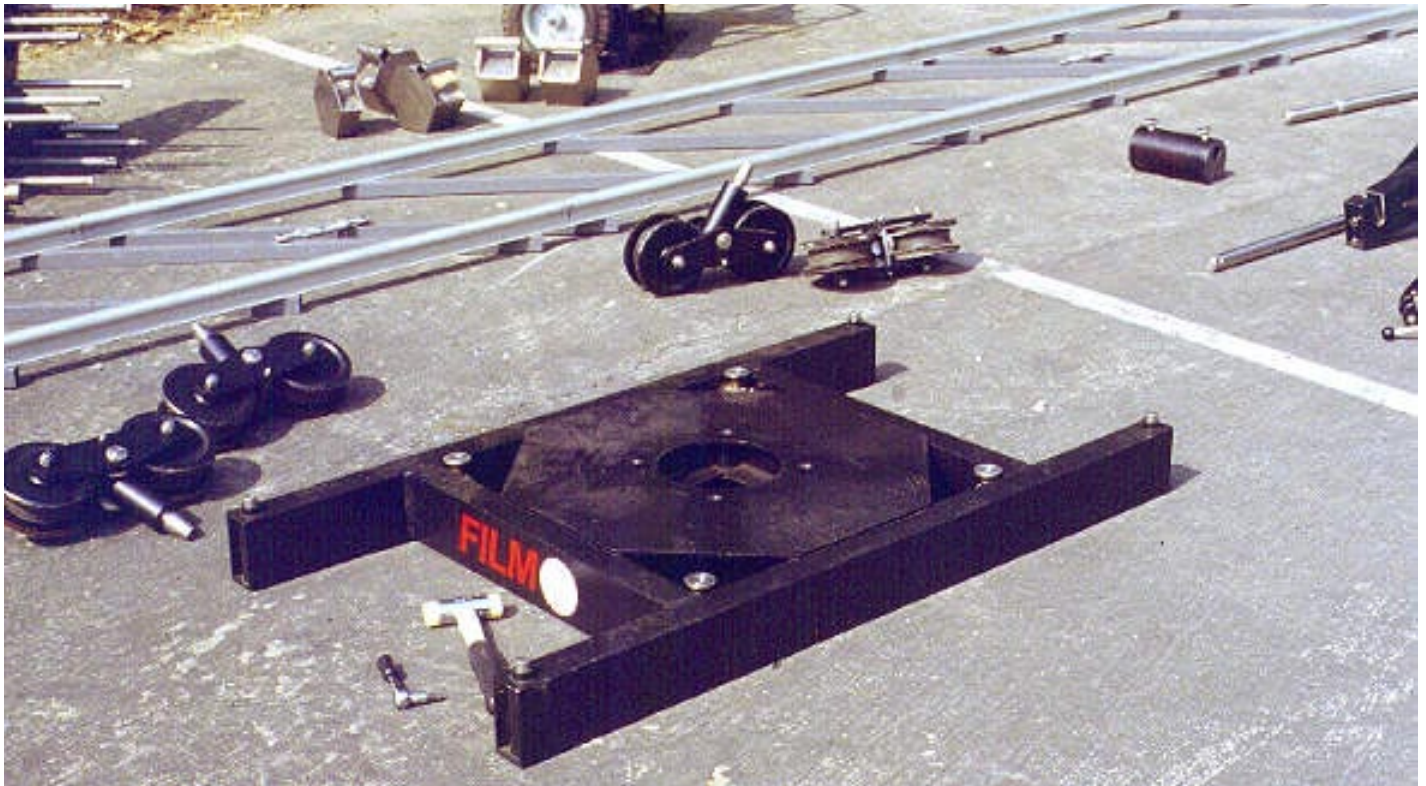
Mode 1 - Operating Platform - Step 2: Remove main crossbar from crane base.



Mode 1 - Operating Platform - Step 3: Remove main crossbar from crane base.



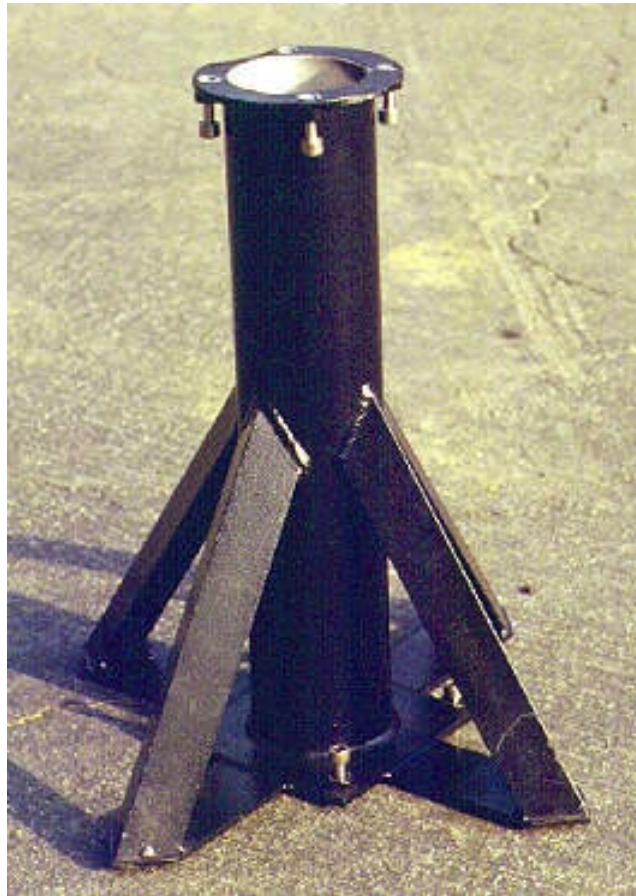
Mode 1 - Operating Platform - Step 4: Remove main post.



Mode 1 - Operating Platform - Step 5: Narrow crane base to start.



Mode 1 - Operating Platform - Step 6: Attach track wheels to narrow base where main crossbar attached before its removal.



Mode 1 - Operating Platform - Step 7: Mini post.



Mode 1 - Operating Platform - Step 8: Attach mini post to narrow crane base with 4 bolts.



Mode 1 - Operating Platform - Step 9: Take main bearing (removed from inside of main post) and place inside mini post.



Mode 1 - Operating Platform - Step 10: Tighten 4 bolts that hold bearing into mini post.





Mode 1 - Operating Platform - Step 11: Attach mini bucket to the back of Boom #3 with 2 retaining bolts on mini bucket.



Mode 1 - Operating Platform - Step 12: Place Boom #3 with mini bucket attachment onto mini post making sure to angle Boom #3 so it fits over the mini post- place it onto the horizontal main shaft inside Boom #3.



Mode 1 - Operating Platform - Step 13: Attach pylon assembly to mini post with 4 bolts in pylon. Horizontal shaft is then trapped into place (be sure that threaded end of the pylon rod section is facing towards the front- so you can level operating platform later!)



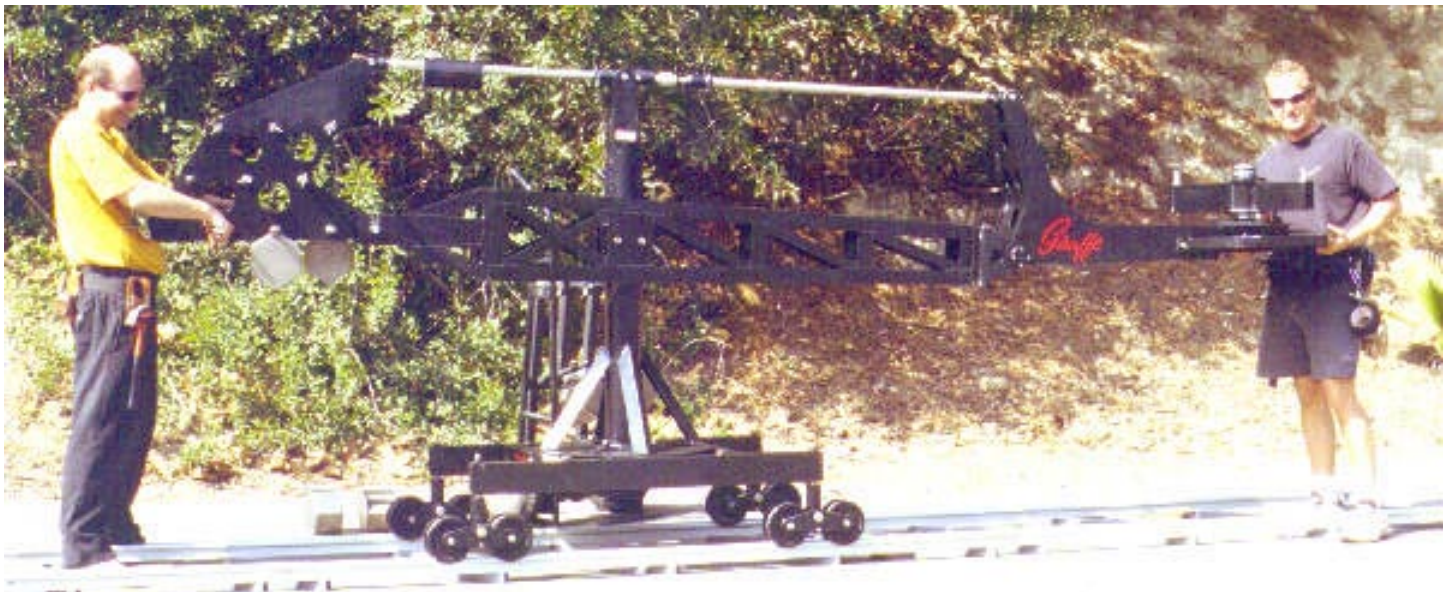
Mode 1 - Operating Platform - Step 14: Place weight box into slots on mini bucket and tighten the two retaining bolts (don't overtighten!)



Mode 1 - Operating Platform - Step 15: Attach Rod A (mini rod) to weight box with the quikpin, then add the sliding trim weight. Now attach Rod A to the pylon on the other side with the quikpin.



Mode 1 - Operating Platform - Step 16: Attach Operating Platform to the front of Boom #3 with the two retaining bolts found inside Boom #3.



Mode 1 - Operating Platform - Step 17: Add rod B (mini rod) between the front of the pylon and the operating platform with the quikpins.



Mode 1 - Operating Platform - Step 18: Add seats, risers, 4-way leveling head, battery box, etc. (Always keep the arm in balance as you build cranes in any mode.)



Mode 1 - Operating Platform - Step 19: To disassemble, reverse steps- unthread track wheel bolt several turns (easier when weight is on dolly) and lift base. Tap bolt with plastic mallet until track wheel disengages from base- Unthread bolt the rest of the way by hand. End of steps.



Mode 1 - Remote - Step 1: Unbolt main crossbar from crane base.



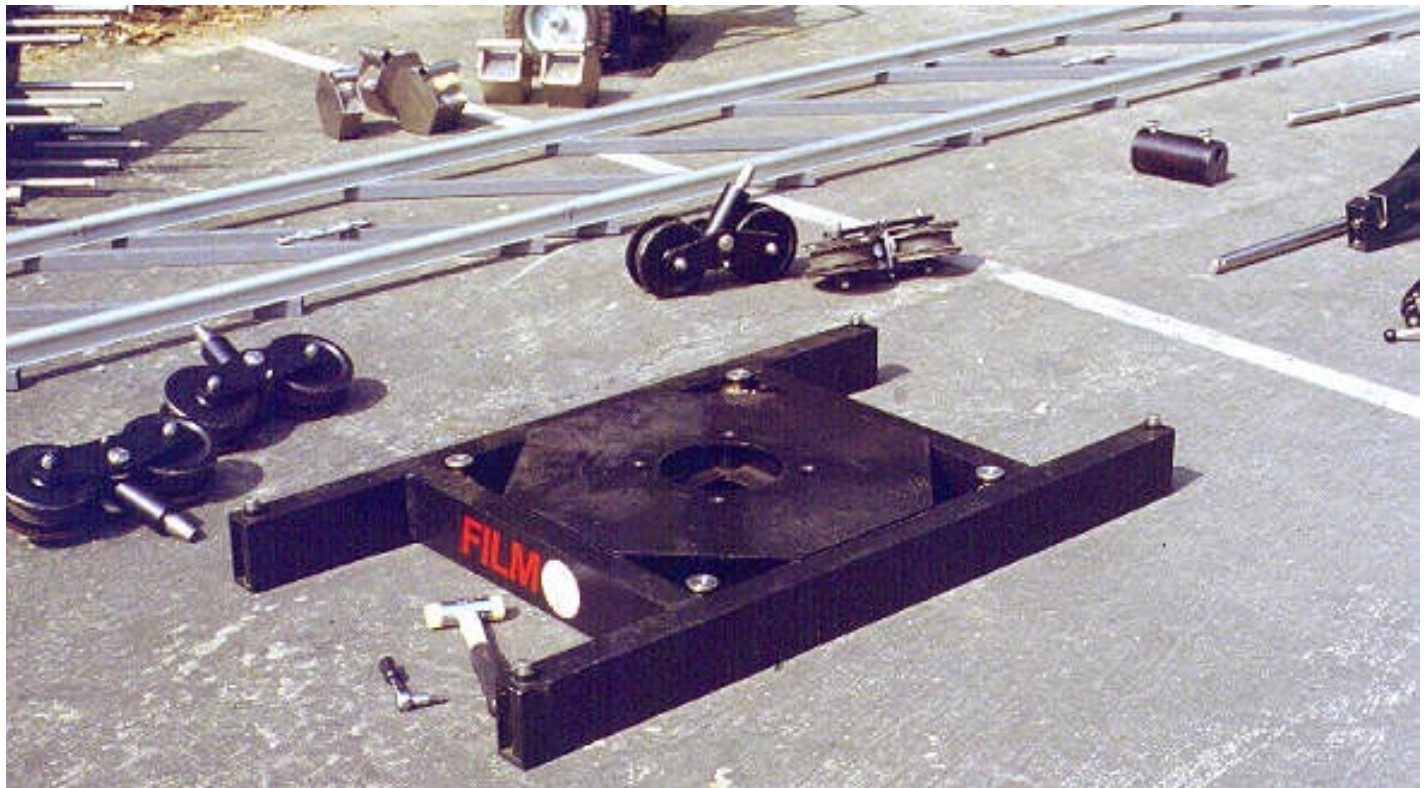
Mode 1 - Remote - Step 2: Remove main crossbar from crane base.



Mode 1 - Remote - Step 3: Unbolt main post.



Mode 1 - Remote - Step 4: Remove main post.

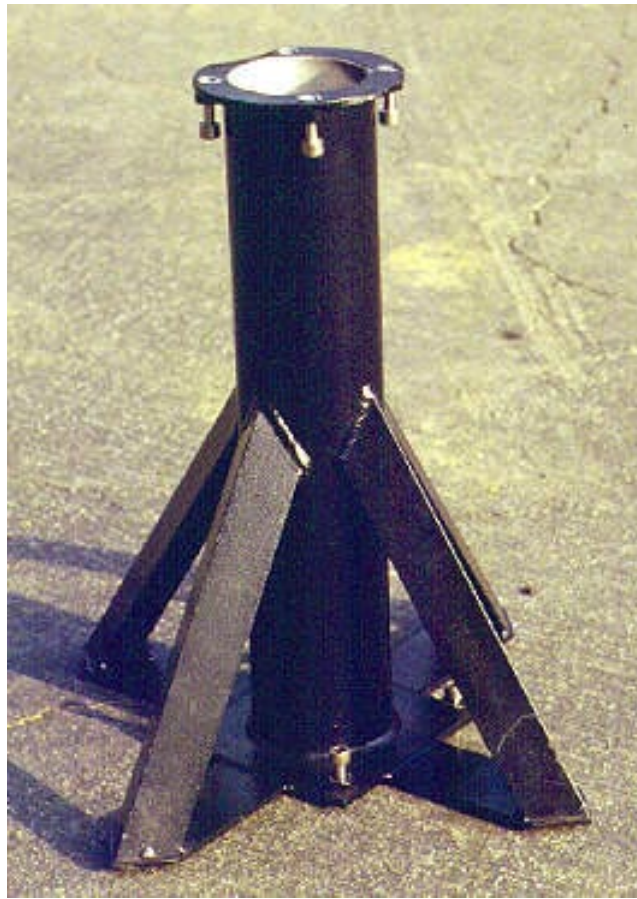


Mode 1 - Remote - Step 5: Narrow crane base to start.



Mode 1 - Remote - Step 6: Attach track wheels to narrow base where main crossbar attached before its removal.





Mode 1 - Remote - Step 7: Mini post.



Mode 1 - Remote - Step 8: Attach mini post to narrow crane base with 4 bolts.



Mode 1 - Remote - Step 9: Take main bearing (removed from inside of main post) and place inside mini post.



Mode 1 - Remote - Step 10: Tighten 4 bolts that hold bearing into mini post.



Mode 1 - Remote - Step 11: Attach mini bucket to the back of Boom #3 with 2 retaining bolts on mini bucket.



Mode 1 - Remote - Step 12: Place Boom #3 with mini bucket attachment onto mini post making sure to angle Boom #3 so it fits over the mini post- place it onto the horizontal main shaft inside Boom #3.



Mode 1 - Remote - Step 13: Attach Pylon assembly to mini post with 4 bolts in pylon. Horizontal shaft is then trapped into place. (Be sure that threaded end of the pylon rod section is facing towards the front- so you can level operating platform later!)



Mode 1 - Remote - Step 14: Place weight box into slots on mini bucket and tighten the two retaining bolts (don't overtighten!)



Mode 1 - Remote - Step 15: Attach Rod A (mini rod) to weight box with the quikpin , then add the sliding trim weight. Now attach Rod A to the pylon on the other side with the quikpin.



Mode 1 - Remote - Step 16: Now attach rod A to the pylon on the other side with the quikpin.



Mode 1 - Remote - Step 17: Attach remote head section to the front of boom #3 with 2 retaining bolts inside boom #3.



Mode 1 - Remote - Step 18: Add rod B (mini rod) between the front of the pylon and the remote head section with the quikpins.



Mode 1 - Remote - Step 19: From narrow dolly mode: To disassemble, reverse steps. Unthread track wheel bolt several turns (easier when weight is on dolly) and lift base. Tap bolt with plastic mallet until track wheel disengages from base. Unthread bolt the rest of the way by hand.  
End of steps.



Mode 1+ - Remote Only - Step 1: Unbolt main crossbar from crane base.



Mode 1+ - Remote Only - Step 2: Remove main crossbar from crane base.

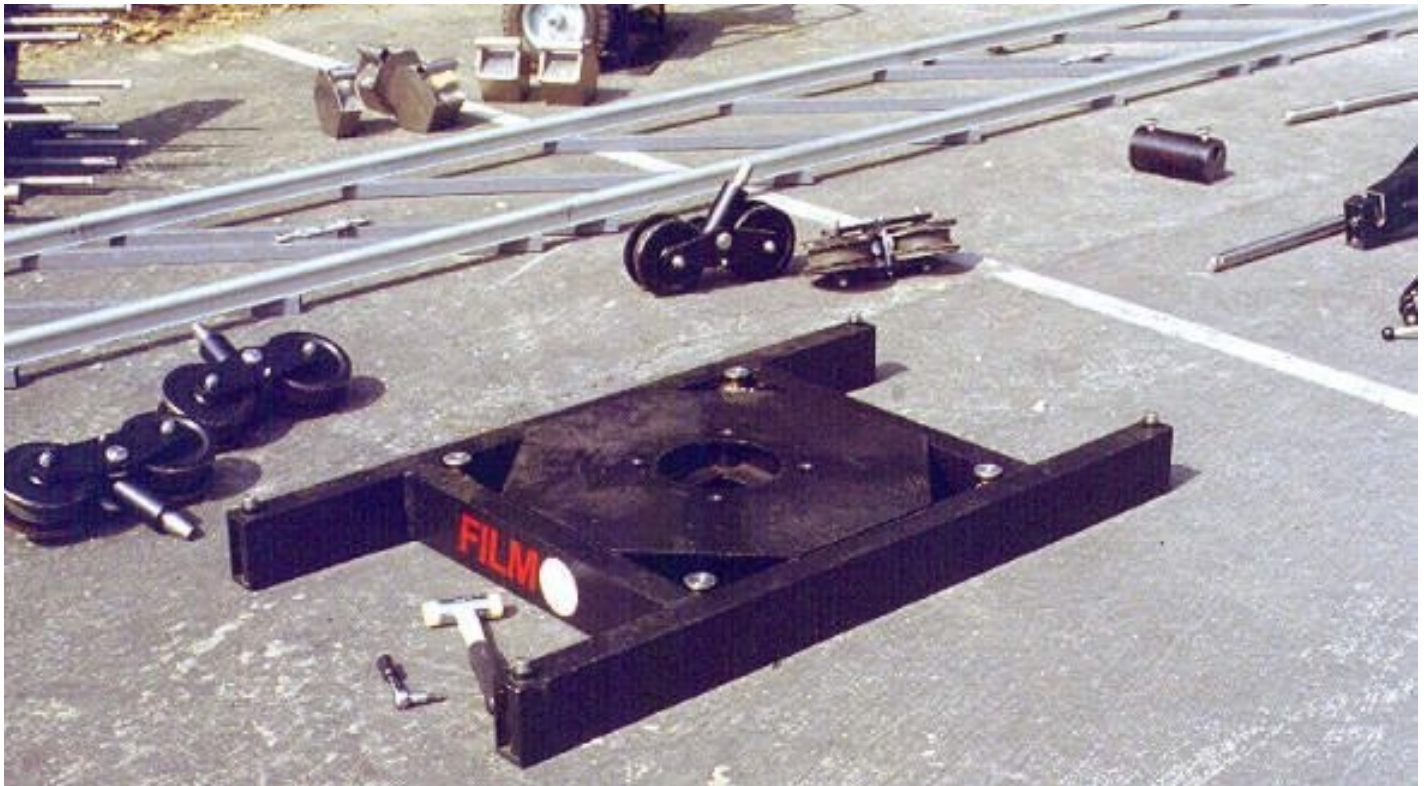




Mode 1+ - Remote Only - Step 3: Unbolt main post.



Mode 1+ - Remote Only - Step 4: Remove main post.



Mode 1+ - Remote Only - Step 5: Narrow crane base to start.



Mode 1+ - Remote Only - Step 6: Attach track wheels to narrow base where main crossbar attached before its removal.



Mode 1+ - Remote Only - Step 7: Mini post.



Mode 1+ - Remote Only - Step 8: Attach mini post to narrow crane base with 4 bolts.



Mode 1+ - Remote Only - Step 9: Take main bearing (removed from inside of main post) and place inside mini post.



Mode 1+ - Remote Only - Step 10: Tighten 4 bolts that hold bearing into mini post.



Mode 1+ - Remote Only - Step 11: Attach mini bucket to the back of Boom #3 with 2 retaining bolts on mini bucket.



Mode 1+ - Remote Only - Step 12: Place Boom #3 with mini bucket attachment onto mini post making sure to angle Boom #3 so it fits over the mini post- place it onto the horizontal main shaft inside Boom #3.



Mode 1+ - Remote Only - Step 13: Attach Pylon assembly to mini post with 4 bolts in pylon. Horizontal shaft is then trapped into place. (Be sure that threaded end of the pylon rod section is facing towards the front- so you can level operating platform later!)



Mode 1+ - Remote Only - Step 14: Place weight box into slots on mini bucket and tighten the two retaining bolts (don't overtighten!)



Mode 1+ - Remote Only - Step 15: Attach Rod A (mini rod) to weight box with the quikpin, then add the sliding trim weight. Now attach Rod A to the pylon on the other side with the quikpin.



Mode 1+ - Remote Only - Step 16: Add Rod A and Boom section #4.



Mode 1+ - Remote Only - Step 17: Add Rod #4



Mode 1+ - Remote Only - Step 18: Attach remote nose section only.





Mode 1+ - Remote Only - Step 19: Add Quick pin to remote nose section.



Mode 1+ - Remote Only - Step 20: Assembly completed, end of steps.



Mode 2 - Operating Platform - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 2 - Operating Platform - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.



Mode 2 - Operating Platform - Step 3: Lift joined Boom #1 and Boom #2.



Mode 2 - Operating Platform - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 2 - Operating Platform - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 2 - Operating Platform - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts.)



Mode 2 - Operating Platform - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 2 - Operating Platform - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 2 - Operating Platform - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 2 - Operating Platform - Step 10: Attach the Operating platform to the front of Boom #2 and secure it with the 2 retaining bolts on the inside of Boom #2.



Mode 2 - Operating Platform - Step 11: Lift the front of the operating platform while another readies with the quikpin to attach it to Rod #2.



Mode 2 - Operating Platform - Step 12: Attach Rod #2 to the Operating platform with the quik pin.



Mode 2 - Operating Platform - Step 13: Cooperation & teamwork.



Mode 2 - Operating Platform - Step 14: Add seats, risers, 4-way leveling head, battery box, etc (always keep the arm in balance as you build crane in any mode). End of steps.





Mode 2 - Remote - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 2 - Remote - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.



Mode 2 - Remote - Step 3: Lift joined Boom #1 and Boom #2.



Mode 2 - Remote - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 2 - Remote - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 2 - Remote - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts.



Mode 2 - Remote - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 2 - Remote - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 2 - Remote - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 2 - Remote - Step 10: Attach remote head section.



Mode 2 - Remote - Step 11: Secure 2 retaining bolts inside of Boom #2.



Mode 2 - Remote - Step 12: Secure Rod #2 to remote head section with the quikpin.



Mode 2 - Remote - Step 13: Finished Mode 2 remote (always keep the arm in balance as you build crane in any mode). End of steps.



Mode 3 - Operation Platform - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 3 - Operation Platform - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.





Mode 3 - Operation Platform - Step 3: Lift joined Boom #1 and Boom #2.



Mode 3 - Operation Platform - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 3 - Operation Platform - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 3 - Operation Platform - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts).



Mode 3 - Operation Platform - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 3 - Operation Platform - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 3 - Operation Platform - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 3 - Operation Platform - Step 10: Attach Boom #3 to the front of Boom #2.



Mode 3 - Operation Platform - Step 11: Secure 2 retaining bolts found inside Boom #2.



Mode 3 - Operation Platform - Step 12: Add Rod #3 to the front of Rod #2 and secure with the quikpin.



Mode 3 - Operation Platform - Step 13: Place rod support bracket over the horizontal shaft on Boom #3.



Mode 3 - Operation Platform - Step 14: Click Rod #3 into the top of the rod support bracket.



Mode 3 - Operation Platform - Step 15: Add seats, risers, 4-way leveling head, battery box, etc (always keep the arm in balance as you build crane in any mode). End of steps.



Mode 3 - Remote - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 3 - Remote - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.





Mode 3 - Remote - Step 3: Lift joined Boom #1 and Boom #2.



Mode 3 - Remote - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 3 - Remote - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 3 - Remote - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts).



Mode 3 - Remote - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 3 - Remote - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 3 - Remote - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 3 - Remote - Step 10: Attach Boom #3 to the front of Boom #2.



Mode 3 - Remote - Step 11: Secure 2 retaining bolts found inside Boom #2.



Mode 3 - Remote - Step 12: Add Rod #3 to the front of Rod #2 and secure with the quikpin.



Mode 3 - Remote - Step 13: Place rod support bracket over the horizontal shaft an Boom #3.



Mode 3 - Remote - Step 14: Click Rod #3 into the top of the rod support bracket.



Mode 3 - Remote - Step 15: Attach remote head section to the front of Boom #3 and attach Rod #3 to the remote head (always keep the arm in balance as you build crane in any mode).  
End of steps.



Mode 4 - Operating Platform - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 4 - Operating Platform - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.





Mode 4 - Operating Platform - Step 3: Lift joined Boom #1 and Boom #2.



Mode 4 - Operating Platform - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 4 - Operating Platform - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 4 - Operating Platform - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts).



Mode 4 - Operating Platform - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 4 - Operating Platform - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 4 - Operating Platform - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 4 - Operating Platform - Step 10: Attach Boom #3 to the front of Boom #2.



Mode 4 - Operating Platform - Step 11: Secure 2 retaining bolts found inside Boom #2.



Mode 4 - Operating Platform - Step 12: Add Rod #3 to the front of Rod #2 and secure with the quikpin.



Mode 4 - Operating Platform - Step 13: Place rod support bracket over the horizontal shaft an Boom #3.



Mode 4 - Operating Platform - Step 14: Click Rod #3 into the top of the rod support bracket.



Mode 4 - Operating Platform - Step 15: Attach Boom #4 to the front of Boom #3 and secure the 2 retaining bolts found on the inside of Boom #3.



Mode 4 - Operating Platform - Step 16: Attach Rod #4 to the front of Rod #3 with the quikpin.



Mode 4 - Operating Platform - Step 17: Attach Operating platform to the front of Boom #4 and secure it with the 2 retaining bolts found on the outside front of Boom #4 - also secure Rod #4 to the operating platform with the quikpin



Mode 4 - Operating Platform - Step 18: Add only one seat, battery box and the 4-way leveling head and the appropriate counterweight to keep the crane arm in balance. Remember, only one lightweight operator (up to 185 lbs) can ride in this mode. We recommend using a remote head.  
End of steps.





Mode 4 - Remote - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 4 - Remote - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.



Mode 4 - Remote - Step 3: Lift joined Boom #1 and Boom #2.



Mode 4 - Remote - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 4 - Remote - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 4 - Remote - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts).



Mode 4 - Remote - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 4 - Remote - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 4 - Remote - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 4 - Remote - Step 10: Attach Boom #3 to the front of Boom #2.



Mode 4 - Remote - Step 11: Secure 2 retaining bolts found inside Boom #2.



Mode 4 - Remote - Step 12: Add Rod #3 to the front of Rod #2 and secure with the quikpin.



Mode 4 - Remote - Step 13: Place rod support bracket over the horizontal shaft an Boom #3.



Mode 4 - Remote - Step 14: Click Rod #3 into the top of the rod support bracket.



Mode 4 - Remote - Step 15: Attach Boom #4 to the front of Boom #3 and secure the 2 retaining bolts found on the inside of Boom #3.



Mode 4 - Remote - Step 16: Attach Rod #4 to the front of Rod #3 with the quikpin.





Mode 4 - Remote - Step 17: Attach remote head section to the front of Boom #4.



Mode 4 - Remote - Step 18: Secure remote head section with 2 retaining bolts found on the outside front of Boom #4.



Mode 4 - Remote - Step 19: Secure Rod #4 to the remote head section.



Mode 4 - Remote - Step 20: Secure it with quikpin.



Mode 4 - Remote - Step 21: Counterweight remote head section and all Booms. (Always keep the arm in balance as you build crane in any mode.) End of steps



Mode 5 - Remote only - Step 1: Boom #1 and Boom #2 should be assembled on the ground.



Mode 5 - Remote only - Step 2: Securely fasten 2 retaining bolts inside of Boom #1.



Mode 5 - Remote only - Step 3: Lift joined Boom #1 and Boom #2.



Mode 5 - Remote only - Step 4: Place horizontal main shaft from Boom #1 onto the main post and place the front of Boom #2 onto a ladder for support.



Mode 5 - Remote only - Step 5: Attach pylon assembly onto main post with 4 bolts, captivating the horizontal main shaft (make sure threaded end of pylon faces forward so you can level the Operating platform later!)



Mode 5 - Remote only - Step 6: Add weight box into the slots on the back of Boom #1 and tighten the two retaining bolts (make sure that the weight box shaft isn't resting on the 2 retaining bolts).



Mode 5 - Remote only - Step 7: Add Rod #1 to the weight box with the quikpin, then add the sliding trim weight to Rod #1. Slide the trim weight towards the bucket end of Rod #1, then tighten it upside down onto the Rod.



Mode 5 - Remote only - Step 8: Pickup weight box so Rod #1 can be attached to the rear of the pylon (on Post) with the quikpin (watch the trim weight so it doesn't bind or move and hurt anyone!)



Mode 5 - Remote only - Step 9: Attach Rod # 2 to the front of the pylon (at post) with the quikpin.



Mode 5 - Remote only - Step 10: Attach Boom #3 to the front of Boom #2.





Mode 5 - Remote only - Step 11: Secure 2 retaining bolts found inside Boom #2.



Mode 5 - Remote only - Step 12: Add Rod #3 to the front of Rod #2 and secure with the quikpin.



Mode 5 - Remote only - Step 13: Place rod support bracket over the horizontal shaft on Boom #3.



Mode 5 - Remote only - Step 14: Click Rod #3 into the top of the rod support bracket.



Mode 5 - Remote only - Step 15: Attach Remote Boom section (not tapered) to the front of Boom #3 and secure it with the 2 retaining bolts found inside Boom #3.



Mode 5 - Remote only - Step 16: Attach Remote rod to the front of Rod #3.



Mode 5 - Remote only - Step 17: Attach 2nd rod support bracket to the horizontal shaft inside Remote Boom and to the corresponding upper attachment on the Remote rod.



Mode 5 - Remote only - Step 18: Attach Boom #4 to the front of the Remote Boom and secure it with the 2 retaining bolts found inside the Remote Boom.



Mode 5 - Remote only - Step 19: Attach Rod #4 to the front of the Remote rod with the quickpin.



Mode 5 - Remote only - Step 20: Attach remote head section to the front of Boom #4 with the 2 retaining bolts found on the outside front of Boom #4.



Mode 5 - Remote only - Step 21: Attach the front of Rod #4 to the remote head section with the quikpin.



Mode 5 - Remote only - Step 22: Counterweight remote head section and all Booms. (Always keep the arm in balance as you build crane in any mode.)



Mode 5 - Remote only - Step 23: Wow, it's pretty high isn't it! End of steps.



Leveling - Step 1: Fit levelling jack into main crossbar on crane base, just inside of Ruff wheel.



Leveling - Step 2: Hold jack up into receiving hole and hand-thread the bolt (on crossbar) into it.





Leveling - Step 3: Tighten bolt snugly with wrench (don't overtighten!)



Leveling - Step 4: Place jack handle into top of jack.



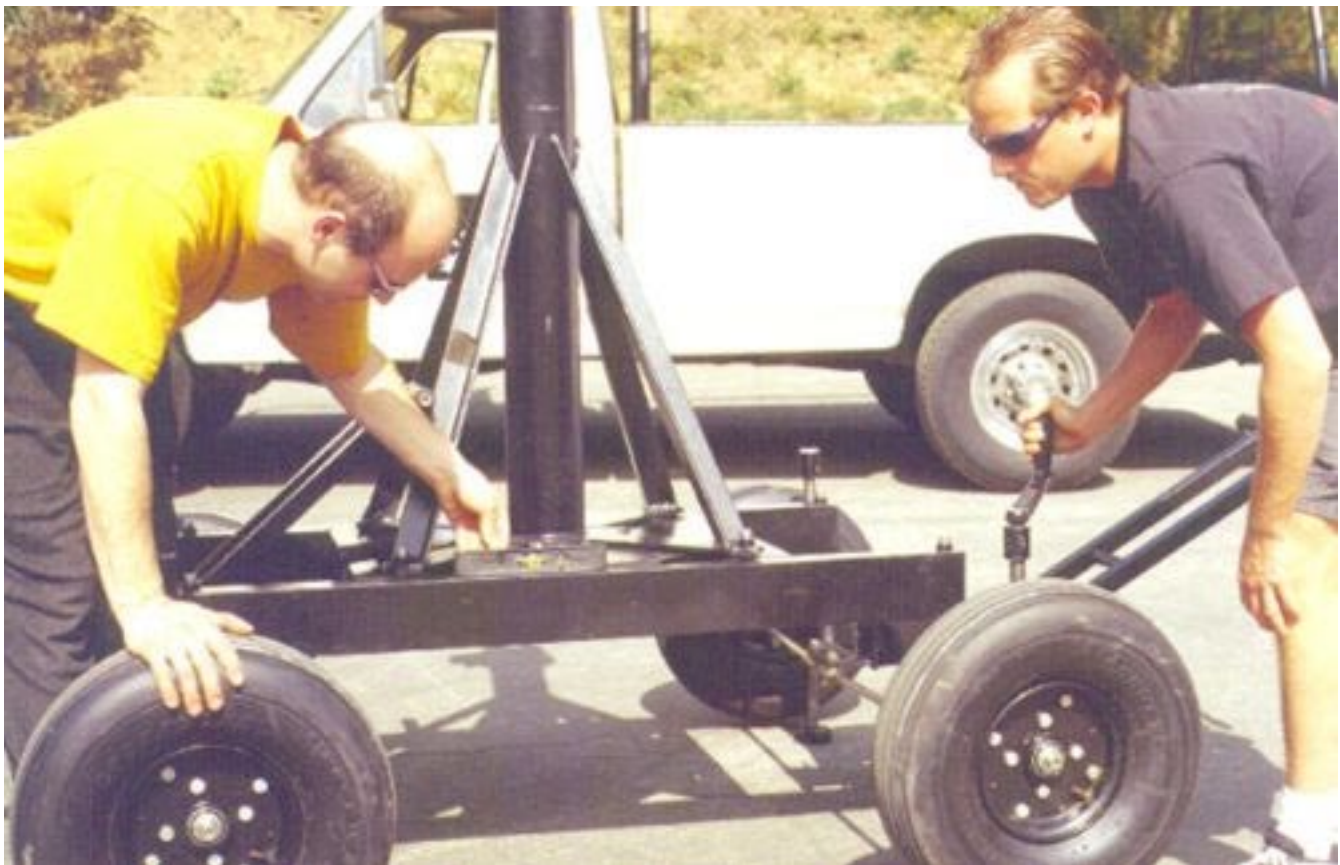
Leveling - Step 5: Turn handle clockwise to lower jack.



Leveling - Step 6: Level across base cranking corresponding jacks.



Leveling - Step 7: close-up of crane base.



Leveling - Step 8: Level along crane base in other direction cranking on corresponding jacks.  
End of Levelling.



Trailer - Step 1: Cranium's truck and trailer setup.



Trailer - Step 2: Cranium trailers have electric brakes or surge brakes, please specify which you prefer.



Trailer - Step 3: Open combo lock and fold down ramp (always leave at least 15 feet of space behind trailer so you can safely remove crane and contents!)



Trailer - Step 4: Fold down top and end ramps for a smooth exit!



Trailer - Step 5: On Crane 1 remove weight box first.



Trailer - Step 6: On Crane 1 remove Operating Platform next.



Trailer - Step 7: Unstrap 2" ratchet from weight carts, then disconnect them from each other (make sure you always put weight cart with connectors in middle of two without!)



Trailer - Step 8: Weight carts carry 12-44 lb weights, beware! They are extremely heavy, get some help when removing or returning them! End of Trailer steps.