

QUICK REFERENCE SHEET

350G XL LIFT SERIES

PRIMARY AND SECONDARY
GUYING (11 - 15M)

2022
REV 4



BLUESKY MAST®
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MADE IN THE U.S.A.

GSA SCHEDULE
GS-07F-5916R

350G XL - Lift Series (REV 4)
Quick Reference Sheet - Primary & Secondary Guying
DEPLOYMENT



Stand the 350G XL Tripod up and make sure the base plates are flat on the ground.



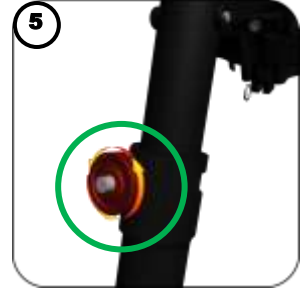
Loosen the red turn knobs on the cross links of each tripod leg to extend the legs.



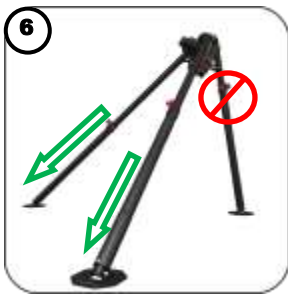
One at a time, slowly push down on the red turn knobs while pulling the leg out to extend it.



Push the cross links all the way down and tighten the red turn knobs to secure them.



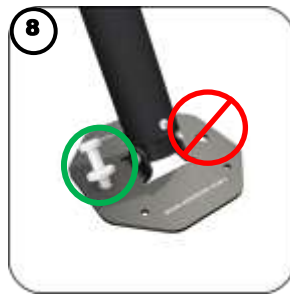
Loosen the turn knobs on the two tripod legs adjacent to the winch.



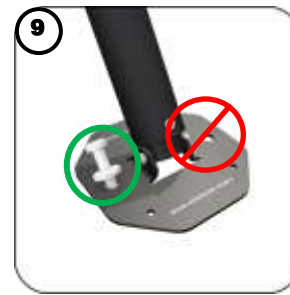
Extend the two tripod legs adjacent to the winch. **DO NOT** extend the tilt leg at this time.



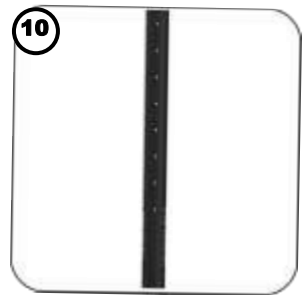
Locate the stake bag with hammer and tripod stakes.



At a slight angle, drive a stake into the left hole on each of the two extend tripod leg base plates.



DO NOT stake the holes on the right side at this time.



Locate the mounting pole in **Hard Case #2**. It's the only pole without a gold insert.



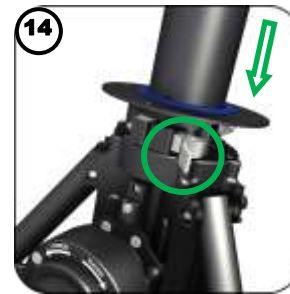
Release the cam lock on the bottom of the tripod.



Insert the mounting pole until one hole is showing below the cam lock and Lock the Cam Lock.



Locate the Blue Secondary Guy Ring in the guying bag.



Release the cam lock and slide it onto the mounting pole. **DO NOT** secure it at this time.



Locate the Red Primary Guy Ring in the guying bag.



Pull the pin out and slide it onto the mounting pole. **DO NOT** secure it at this time.



Mount your equipment to the mounting pole and secure all cables using Velcro Straps.



Push the tripod upright, extend the tilt leg and tighten the red turn knob.



Make sure the base plates on the three tripod legs are flat on the ground.



Using the three bubble levels, level the tripod by adjusting the tripod legs one at a time.

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At a slight angle, drive stakes in opposite directions into the remaining holes on the base plates.



Locate the Lift Base Plate.



Insert the lift base plate into the bottom of the mounting pole.



Locate the winch handle.



Pull the pin on the winch and insert the handle. Release the pin to secure the handle.



Pay out the cable by turning the winch handle counter clockwise.



The cable should HANG FREELY on the left side of the winch and should NOT go over anything.



Pass the cable through the two rollers on the Lift Base Plate and back up to the ball stop holder.



Pull the pin on the ball stop holder opposite the winch. Insert the ball stop and release the pin to secure.



Confirm the cable is taut and the Lift Base Plate is secure.



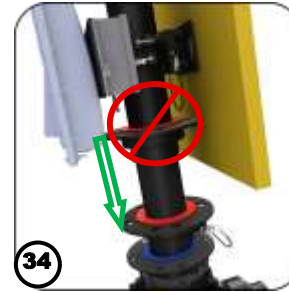
Release the cam lock and raise the mounting pole by turning the winch clockwise.



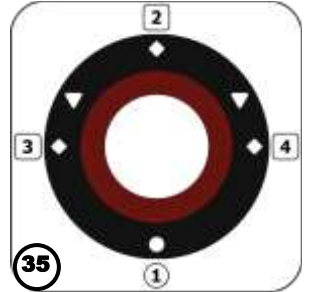
Raise the mounting pole until only one inch is showing below the cam lock.



Lock the cam lock.



Pin the Red Primary Guy Ring BELOW your devices and allow room for the guy ropes to clear.



Deploy Primary Guying Four Guy Configuration TWO PEOPLE



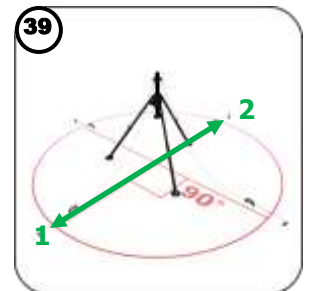
Person #1 Locate the GUY LEADER with orange guy rope and clip it into the Round Hole on the primary guy ring. Walk away from the mast unwinding the guy leader rope until you reach the 15M mark.



Person #2 - Locate the four Large Guy Stakes and Hammer and follow behind person #1.

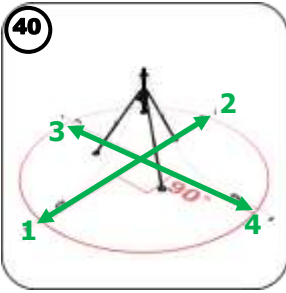


Guy Stake #1 - At the 15M mark drive a stake into the ground at a slight angle.



Guy Stake #2 - make sure it is staked directly opposite and inline with guy stake #1

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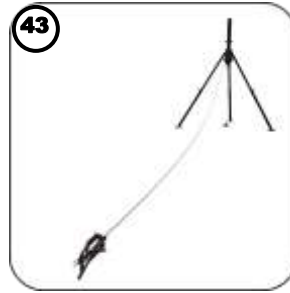
Repeat this process until all four large guy stakes are deployed 90 degrees apart.



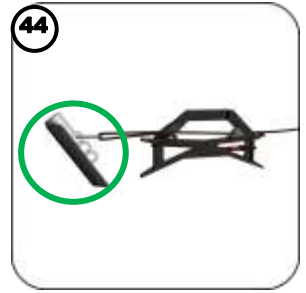
Locate the four Primary Guy Ropes with the red tab next to the guy clip.



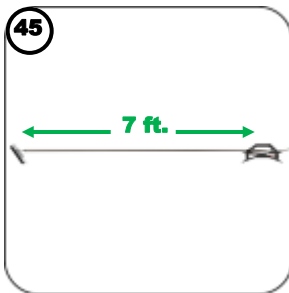
Remove the Guy Leader and clip the first Primary Guy Rope to the round hole on the guy ring.



Walk away from the mast and unwind ALL of the guy rope off of the guy handle.



Clip the guy rope into the top hole of the guy stake.



IMPORTANT: Slide the Guy Handle towards the mast approx. 7 ft. Repeat this process on all four Primary Guy Ropes. (This will help prepare you for Incremental Guying)



Make sure the cam lock is locked and lower the lift base plate to the ground.



Insert a center mast pole onto the lift base plate.



Raise the center mast pole until it nests together with the mounting pole.



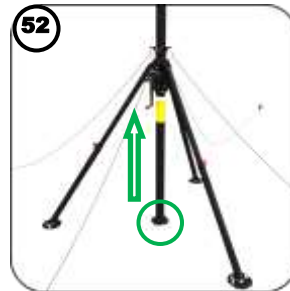
Make sure the castle nuts on the poles nest together and there is no gold insert showing.



Release the cam lock and raise until one inch is showing below the cam lock. Lock the cam lock.



Make sure the cam lock is locked and lower the lift base plate to the ground.



Insert a center mast pole onto the lift base plate and raise it until it nests together.



Release the cam lock and raise until one inch is showing below the cam lock.



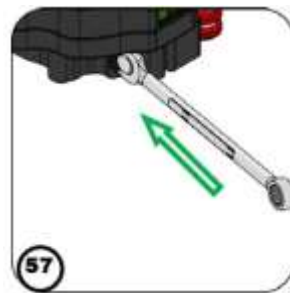
Helpful Hint: When raising the mast guide the cable to avoid stack up / jumping.



Lock the Cam Lock. *Use the Velcro Straps to secure cables and always monitor guy ropes.



WARNING: If at any point the mast begins to slip while the cam lock is locked - STOP

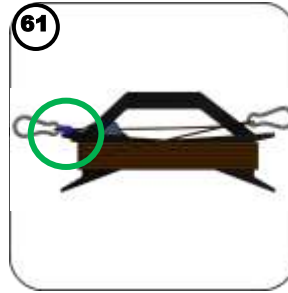
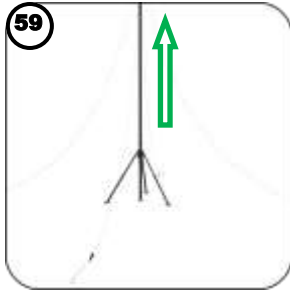


Use the 7/16 wrench and 3/32 Allen Key provided with the system to make adjustments to the cam lock.



Loosen set screw, tighten the nut on the cam lock a quarter turn until slipping no longer occurs and retighten set screw.

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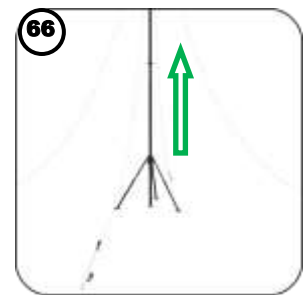
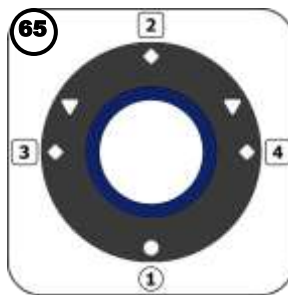


Repeat steps 46 - 50 until you have reached 1/2 the total height of the mast. Example: a 15M System has 14 poles so stop and deploy secondary guying when you have 7 poles remaining.

Lock the cam lock on the Blue Secondary Guy Ring.

Locate the four Secondary Guy Ropes with the blue tab next to the guy clip.

Attach the clip of the first Secondary Guy Rope to the round hole on the secondary guy ring.

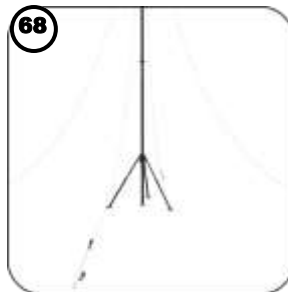
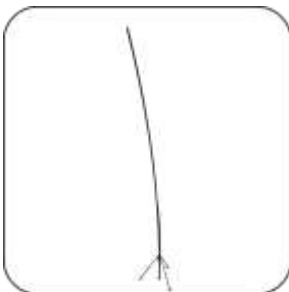
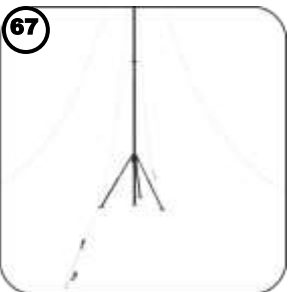


Walk away from the mast and unwind ALL of the guy rope off of the handle.

Clip the end of the guy rope to the bottom hole on the guy stake and lay it on the ground.

Repeat this process until all four guy ropes have been deployed using the remaining square holes.

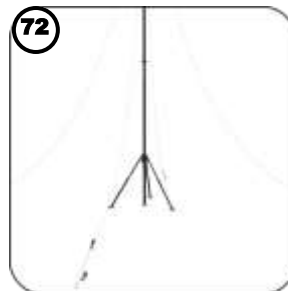
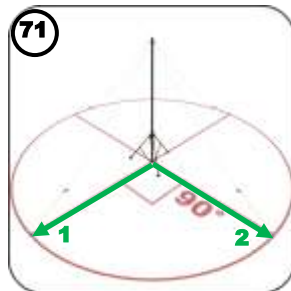
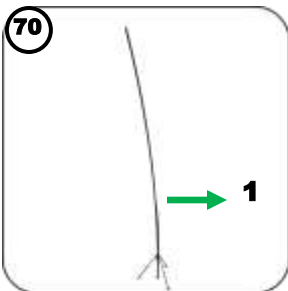
Continue to raise the mast until the mast begins to lean excessively or the guy ropes go taut. **Use the Velcro Straps to secure cables and always monitor the guy ropes.*



If the Primary Guy Ropes go taut or the mast begins to lean excessively - STOP and LOCK the Cam Lock. Now adjust all FOUR PRIMARY GUY ROPES and make sure the mast is straight and perpendicular.

Adjust the 4 Primary Guy Ropes
TWO PEOPLE

Adjusting the Primary Guy Ropes
Hold the rope in front of the guy handle and slide the handle forward to tighten or use your finger to release the rope from the cleat and slide the handle backwards to loosen.



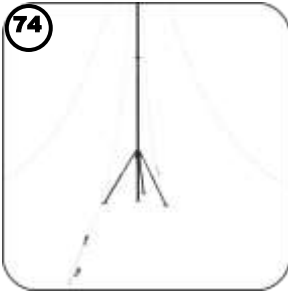
If the mast is leaning, Person #1 should go to the guy rope opposite the lean.

Person #2 should go to the guy rope that is 90 degrees from person #1. This will allow you to see how far each guy rope needs to be adjusted to get the mast straight. Rotate to the other guy ropes to finish adjustment.

It may take a couple of rotations to get the mast straight and perpendicular.

Confirm that the cable is taut and the cam lock is locked.

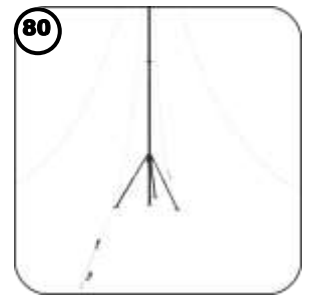
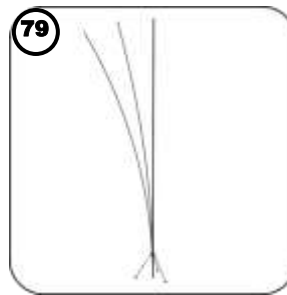
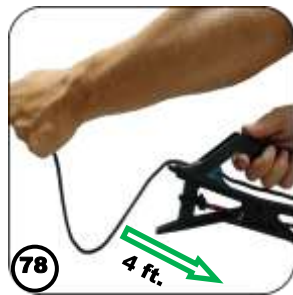
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Incremental guying. This may be required to deploy the last few mast poles.

Incremental Guying: Loosen the guy ropes based on the length of the mast pole below the cam lock.
EXAMPLE: If the length of the pole under the cam lock is ONE FOOT - slide the handle back ONE FOOT on each of the four Primary Guy Ropes. This will allow you enough room to raise the mast pole.

Raise the mast until one inch is showing below the cam lock and lock the cam lock.

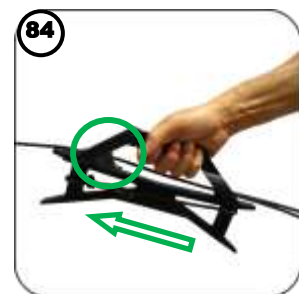
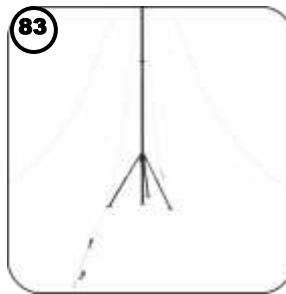


Lower the lift base plate, insert a mast pole and raise it until the poles nest together.

One at a time, slowly loosen the Primary Guy Ropes by holding the guy rope in front of the handle, release the rope from the cleat, and sliding the handle back approx. four feet. This will give you enough slack to add another mast pole.

NOTE: The mast will lean, but will straighten up as you raise the next mast pole.

Release the cam lock and raise the mast until the four Primary Guy Ropes go taut.

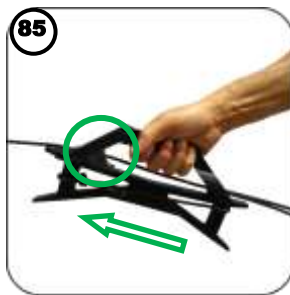


Repeat this process until you reach the last center mast pole.

Lower the last center mast pole to the ground and lock the cam lock.

Adjust the 4 Primary Guy Ropes and make sure the mast is straight and perpendicular.

Lock the Primary Guy Ropes by holding the rope in front of the handle and sliding the handle towards the mast. Allow the rope to settle into the cleat which will lock the rope into position.

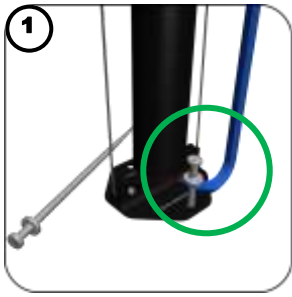


Lock the Secondary Guy Ropes by holding the rope in front of the handle and sliding the handle towards the mast. Allow the rope to settle into the cleat which will lock the rope into position.

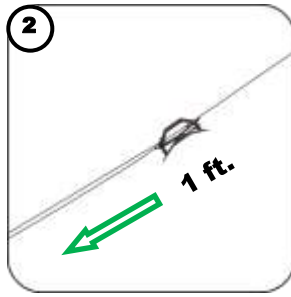
Drive two stakes into the two holes on the lift base plate and make sure the cam lock is locked.

Deploy the surface wire grounding kit at this time (if required).

350G XL - Lift Series (REV 4)
Quick Reference Sheet - Primary & Secondary Guying
LOWERING / RECOVERY



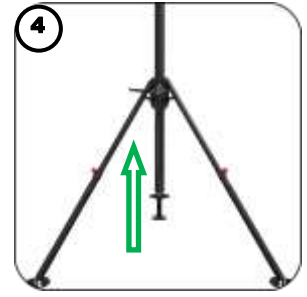
Use the crowbar to remove the two stakes from the lift base plate under the tripod.



Unlock the PRIMARY & SECONDARY guy ropes and slide the guy handles back toward the guy stakes ONE FOOT. Do not slide them more than one foot. This is all you will need to raise the mast and remove one pole.



Release the cam lock.



Raise the mast up ONE FOOT which is enough space to remove the first mast pole.



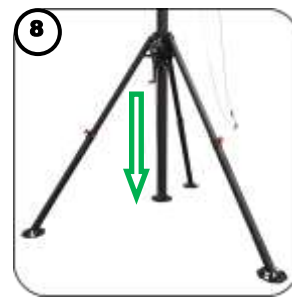
Lock the cam lock.



Lower the lift base plate to the ground and remove the first mast pole.



Raise the lift base plate until it nests firmly into the next mast pole.



Release the cam lock and SLOWLY lower the mast until one inch of the next mast pole is showing below the cam lock. The mast will lean to one side.



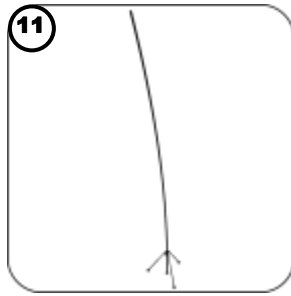
Remove the mast pole.



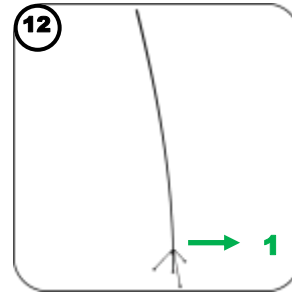
Remove the mast pole.



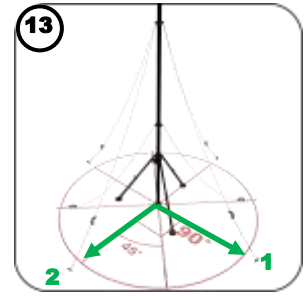
Raise the lift base plate until it nests firmly into the next mast pole.



Adjust the four PRIMARY Guy Ropes until the mast is straight. TWO PEOPLE



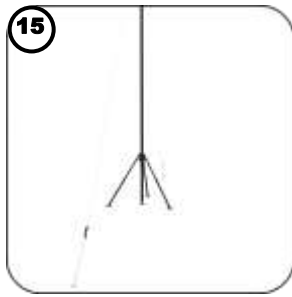
Person #1 should go to the guy rope opposite the lean.



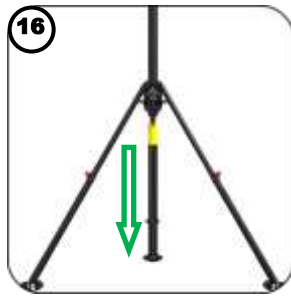
Person #2 should go to the guy rope that is 90 degrees from person #1.



To tighten, hold the rope in front of the guy handle and slide the handle forward.



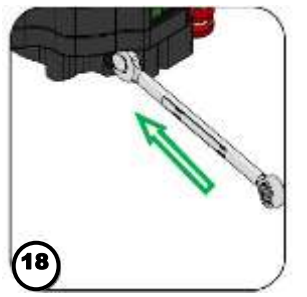
Adjust the Primary Guy Ropes until the mast is straight and perpendicular.



Release the cam lock and slowly lower the lift base plate to the ground.

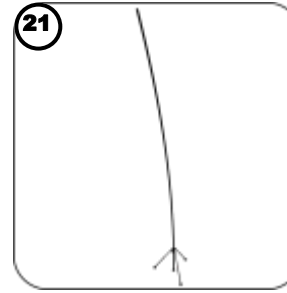
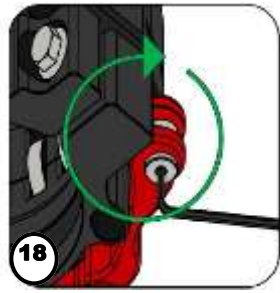


WARNING: If at any point the mast begins to slip while the cam lock is locked - STOP



Use the 7/16 wrench and 3/32 Allen Key provided with the system to make adjustments to the cam lock.

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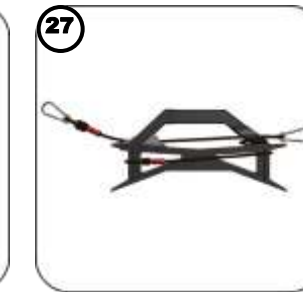
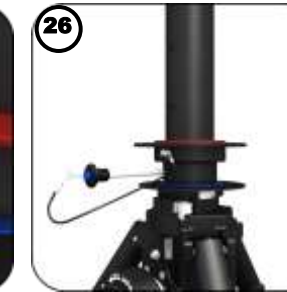
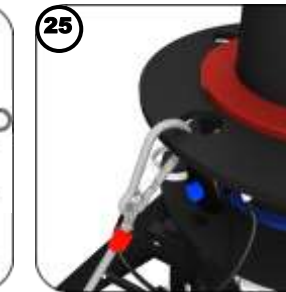
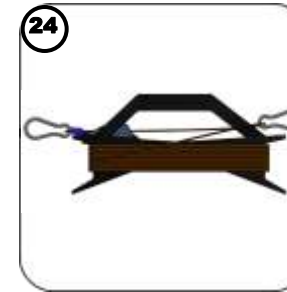
Loosen set screw, tighten the nut on the cam lock a quarter turn until slipping no longer occurs and retighten set screw.

Remove the mast pole.

Raise the lift base plate until it nests firmly into the next mast pole.

Adjust the four Primary Guy Ropes and make sure the mast is straight and perpendicular.

Repeat this process until the blue Secondary Guy Ring is within reach.



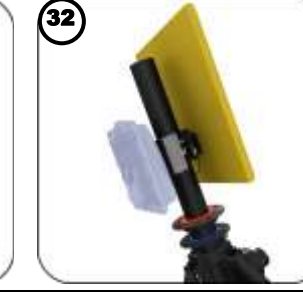
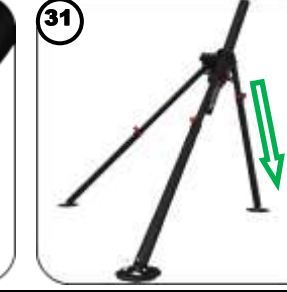
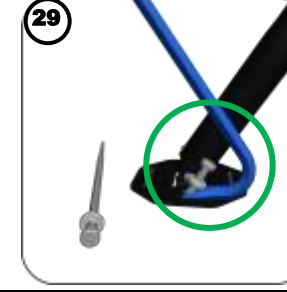
Remove the Secondary Guy Ropes and release the cam lock on the Secondary Guy Ring.

Pull in all the slack, wind and slow the four Secondary Guy Ropes.

Continue lowering the mast until you reach the primary ring.

Remove the Primary Guy Ropes and pull the pin to release the primary guy ring.

Pull in all the slack, wind and slow the four Secondary Guy Ropes.



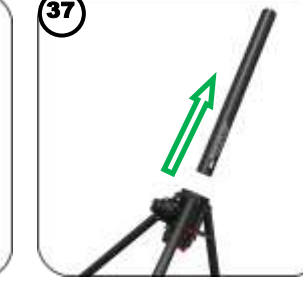
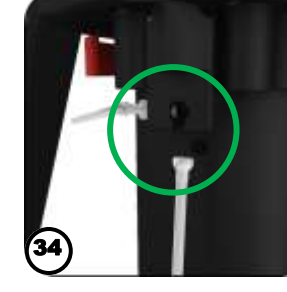
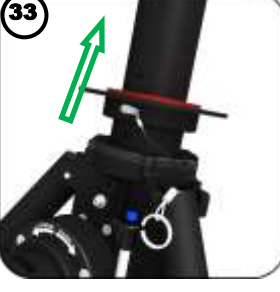
Use the hammer to tap the guy stakes side to side and back and forth to loosen / remove them.

Use the crow bar to remove both stakes from the tilt leg base plate.

Now remove the single stake on the right side of each of the remaining base plates.

Hold the mounting pole, loosen the turn knob on the tilt leg and SLOWLY kneel the tripod.

Remove all devices and accessories from the mounting pole.



Remove Primary Guy Ring and stow it with the guy ropes.

Release the ball stop from the holder and wind up the cable on the winch.

Remove and stow the winch handle.

Remove and stow the lift base plate.

Release the cam lock and remove and stow the mounting pole. Lock the cam lock.

350G XL - Lift Series (REV 4)
Quick Reference Sheet - Primary & Secondary Guying
LOWERING / RECOVERY



38 Collapse the two extended tripod legs.

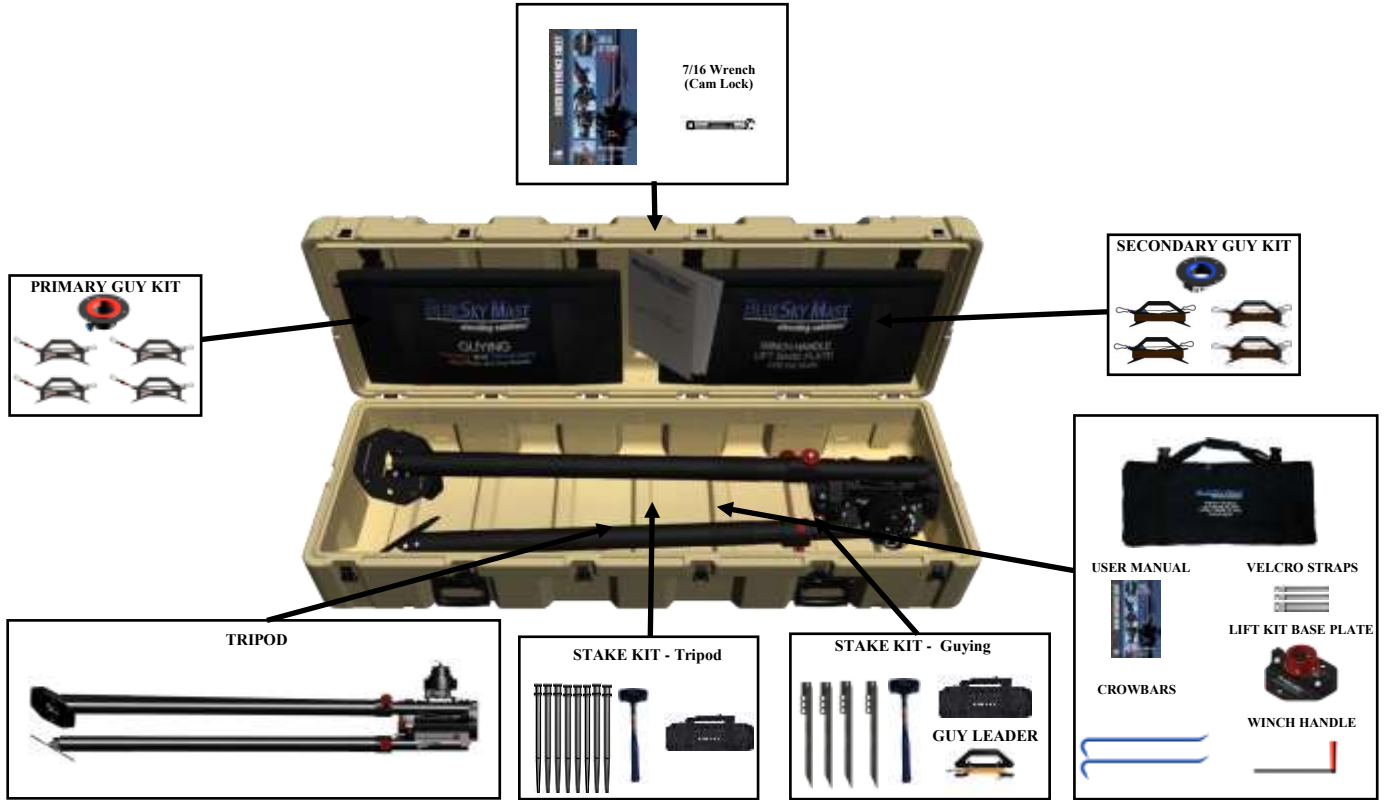
39 One at a time loosen the red turn knobs on the cross links and slowly pull up on the turn knob while pushing the leg inward. **SAFETY: PINCHING HAZARD - DO NOT PUT YOUR FINGERS IN THE CROSS LINKS.**

40 Tighten the red turn knobs to secure the tripod legs.

STOW ANY LOOSE GEAR
SEE PACK OUT INSTRUCTIONS
ON NEXT PAGE

**350G XL - Lift Series (REV 4)
Quick Reference Sheet - Primary & Secondary Guying
PACK OUT**

15M System - HARD CASE #1



15M System - HARD CASE #2

