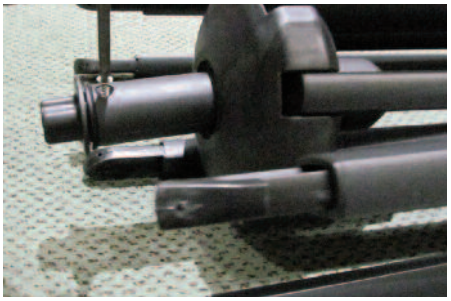
HOW TO RE-CORD AKZ PLUS CANTILEVER

Note: Throughly read instructions before attempting to replace cord. These steps must be performed with the cantilever removed from base or mount, and canopy taken off frame.

STEP 1 Remove Broken Cord From Lower Hub

Remove the AKZ Plus from the rotating hub by unscrewing the 2 main frame bolts at the bottom of the main frame and set aside. Lift the AKZ Plus frame off the rotating hub and place on a soft flat surface with crank handle side facing up.



From lower hub, turn light adapter counter clockwise and pull down. Remove 2 screws using a phillips screwdriver.

Set aside light adapter cap and 2 screws.

If cord is visible, cut cord.

Push cord through top of lower hub until cord and cord end stopper come out from lower hub. Remove ball from cord and set aside.

Remove cord end stopper from cord and set aside.

STEP 2 Remove Main Frame Cap

Using a 6mm hex wrench, remove bolt and washer from support arm side of main frame cap.

Using a 13mm socket wrench, remove nut from canopy structure side of main frame cap.

Keeping parts inside intact, remove main frame cap.

Set cap, bolt and 2 nuts aside.

Pull cord out from head of canopy structure.

TREASURE GARDEN

www.treasuregarden.com

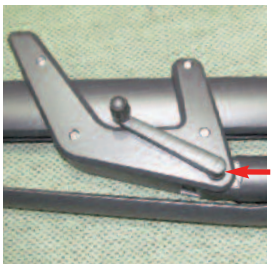
©2018 Treasure Garden, Inc. - All Rights Reserved.

STEP 3 Detach Tilt Lever

Make sure tilt lever is detached from main frame.

STEP 4 Disassemble Main Frame Grip Housing

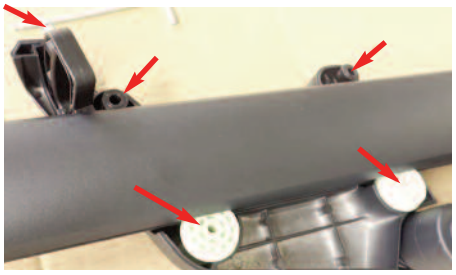
NOTE: When removing the main frame grip housing cover, it is important to leave parts intact, unless specified.



Using a 2.5mm hex wrench, loosen small screw located on top of crank handle. Remove crank handle and set aside.

Using a 6mm hex wrench, loosen (4) bolts and nuts in main frame grip housing.

Remove main frame grip housing cover, along with (4) bolts and nuts. Set aside. NOTE: Spring may pop out from handle. Reinsert or set aside.



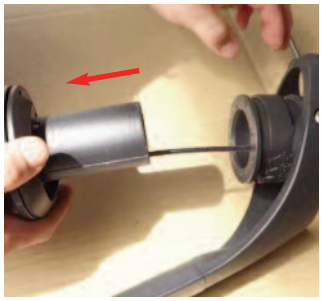
Be sure to keep internal parts intact on other side cover and main frame.

STEP 5 Remove Crank Mechanism

Lift and remove crank mechanism from main frame grip housing.

Using a 3mm hex wrench, remove 3 screws.

Set aside 3 screws and retainer.



Remove crank mechanism from tilt degree housing. Pull cord completely out from tilt degree housing.

Remove tilt degree cylinder coupler from crank housing and cord.

Set aside tilt degree cylinder coupler.

TREASURE GARDEN

www.treasuregarden.com

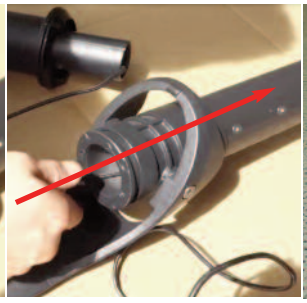
©2018 Treasure Garden, Inc. - All Rights Reserved.

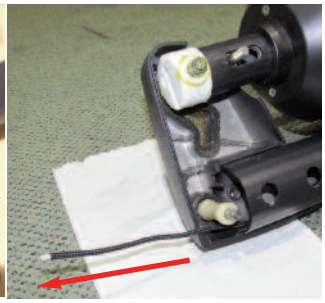
STEP 6 Assemble NEW Crank Mechanism to Tilt Degrees Mechanism

Now that your crank has been reassembled, locate tilt degree cylinder coupler, retainer and 3 screws for next step.

Insert end of new cord through tilt degree cylinder coupler.

Slide tilt degree cylinder coupler over crank mechanism.

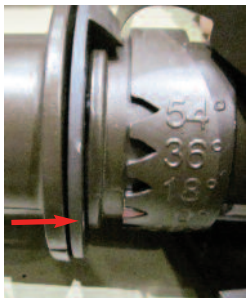




Insert end of cord through tilt degree mechanism, until cord comes out top of umbrella. Gently pull the cord out from top of umbrella.

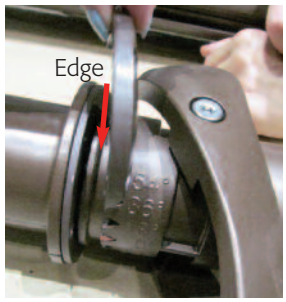
Insert crank mechanism back into tilt degree mechanism.

Line up holes on crank mechanism to tilt degrees mechanism.



Line up middle holes with 0° on tilt degrees mechanism.

Locate retainer and 3 screws.



Attach retainer to tilt degrees mechanism. NOTE: Make sure retainer is placed over tilt degrees mechanism edge.

While holding crank mechanism, tilt degree cylinder coupler and retainer together, secure with 3 bolts using a 3mm hex wrench.

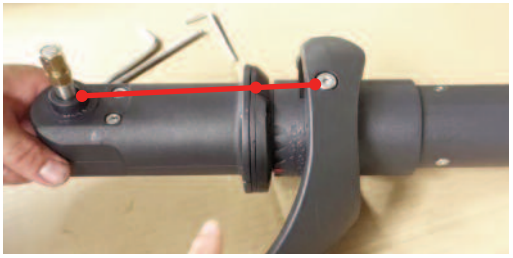
Lower tilt lever back down to main frame.

TREASURE GARDEN

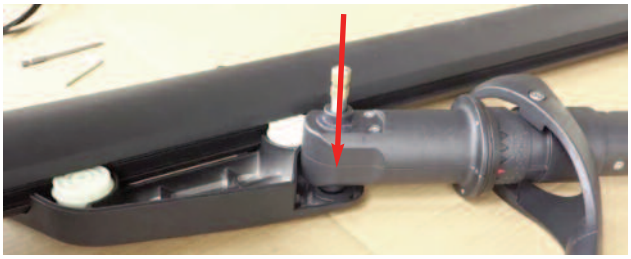
www.treasuregarden.com

©2018 Treasure Garden, Inc. - All Rights Reserved.

STEP 7 Install Crank Mechanism onto Grip Handle Mechanism



Make sure crank shaft is lined up with tilt lever bolt.



Set crank handle mechanism into grip handle housing.

Locate main frame grip housing cover and (4) bolts and nuts.

Assemble main frame grip cover back onto housing.

Make sure to re-insert spring into handle before closing housing cover.

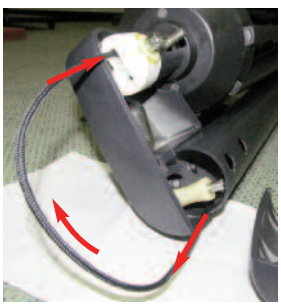
Attach nut under grip housing and tighten each of the 4 bolts to each nut using a 6mm hex wrench.

Once bolts and nuts are tightened, test grip handle to make sure it is properly functioning.

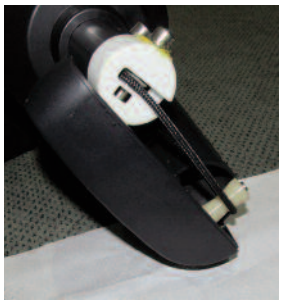
Reattach crank handle. Tighten small screw with 2.5mm hex wrench to secure.

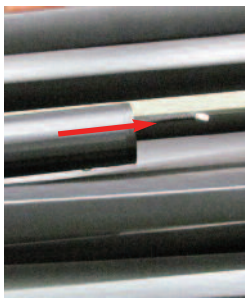
STEP 8 Attach Main Frame Cap

Make sure cord is on the outer side of the cord guide.



Pull cord out and over to insert cord through top left side of white cap. Continue to feed cord through until cord is fully inserted.



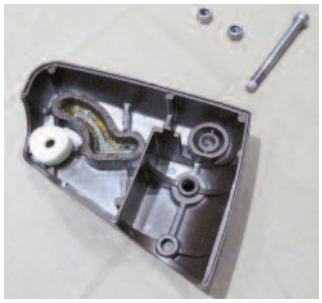


May be necessary to pull cord through top runner.

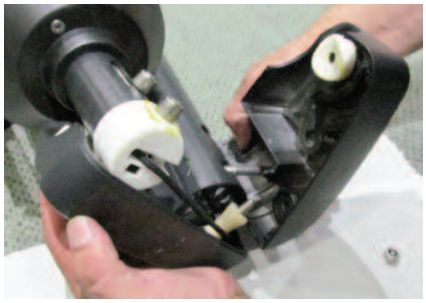
TREASURE GARDEN

www.treasuregarden.com

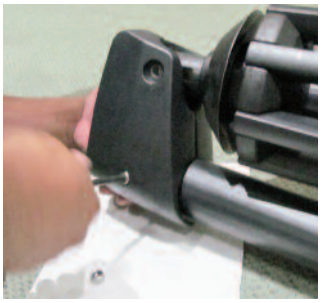
©2018 Treasure Garden, Inc. - All Rights Reserved.



Locate main frame cap, bolt and 2 nuts.



Line up and attach main frame cap.

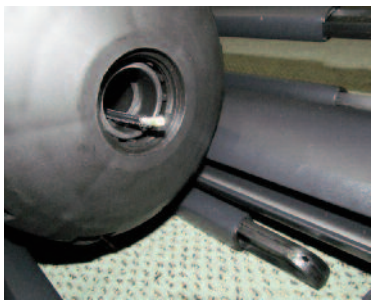


Using 6mm hex wrench, tighten long bolt and nut.

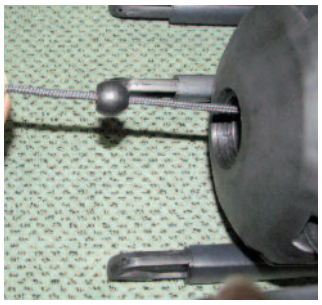
Using a 13mm socket wrench, tighten nut to bolt.

STEP 9 Assembly Lower Hub

Insert cord into top of lower hub.

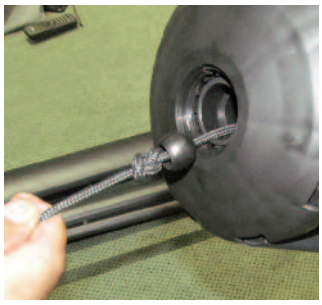


Pull cord out from lower hub.



Slide cord through smaller hole in cord end stopper.

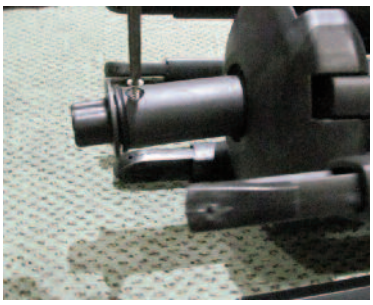
While holding ribs slightly open, pull cord out and tie knot.



Tied knot with cord end stopper.

Gently lower ribs back down. Check to make sure cord is taut. If not, repeat previous step.

Pull out light adapter from lower hub and reattach cap with 2 screws.



Tighten 2 screws using phillips screwdriver. Gently push light adapter back into umbrella lower hub and tighten turning clockwise.

REPLACEMENT COMPLETE. TEST TO ENSURE PROPER FUNCTION.

Lift AKZ Plus and carefully place back onto rotating hub. Reinsert and tighten the main frame bolts to affix the main frame stand to the rotating hub. Test.

TREASURE GARDEN

www.treasuregarden.com

©2018 Treasure Garden, Inc. - All Rights Reserved.