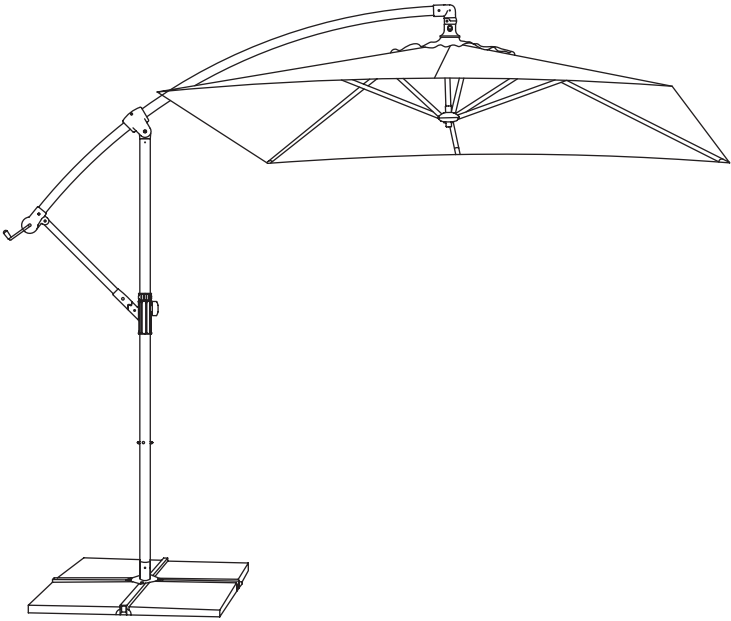


How To Repair AG3 Cantilever Shoulder

Instruction Repair Manual



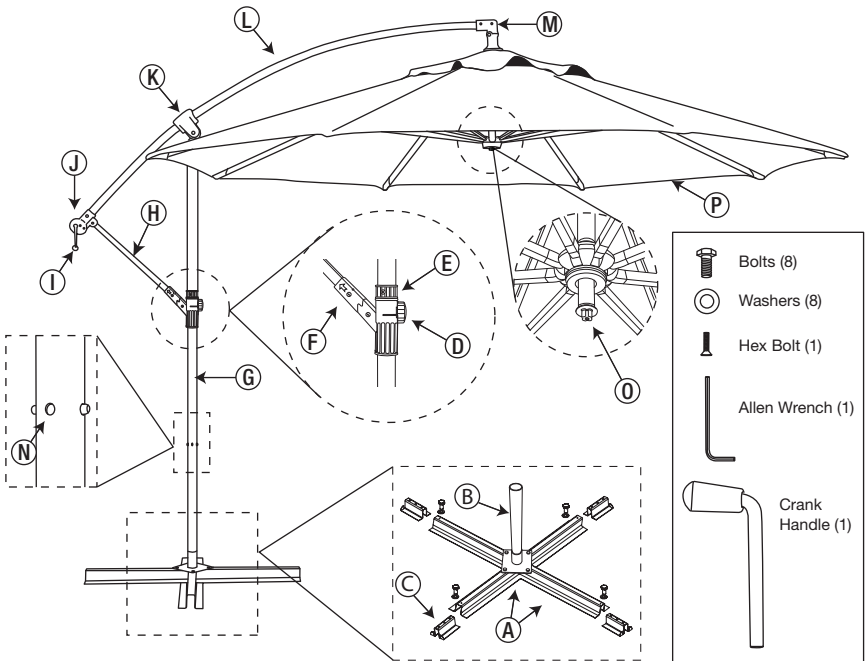
HOW TO REPAIR AG3 SHOULDER

What you will need:

- › Hexagon wrench
- › Phillips screwdriver
- › New supplied screw and nut
- › Measuring tape
- › Recommend 2 person team
- › Repair will take approximately 30 minutes.

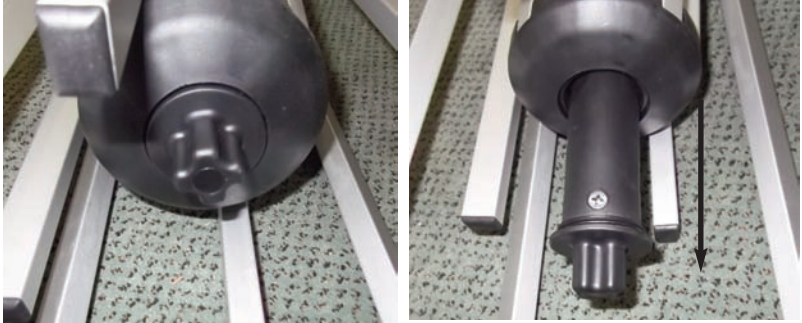
AG3 Diagram:

- | | | |
|------------------------------------|---------------------------|---------------------------------------|
| A - Cross Bars (2) | F - Side Arm Lock | K - Shoulder |
| B - Bottom Pole Stem | G - Mid-Pole | L - Arch Pole |
| C - Cross Bar Extenders (4) | H - Side Arm Pole | M - Hinge |
| D - Set-Up Collar Knob | I - Crank Handle | N - Spring-Loaded Push Buttons |
| E - Stop Ring | J - Crank Lift Hub | O - VEGA™ Light Adapter |
| | | P - Canopy |

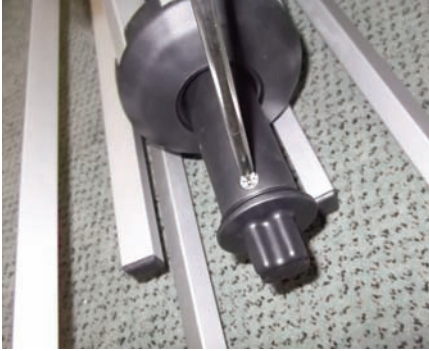


STEP 1

Remove canopy from rib frame (optional). With the umbrella closed and lying on a soft surface (button side up), turn light adapter counter clockwise and pull light adapter down (Fig. 1). Unscrew two (2) screws with a screwdriver (Fig. 2). Remove adapter cap and set aside with screws (Fig. 3).



(Fig. 1)



(Fig. 2)



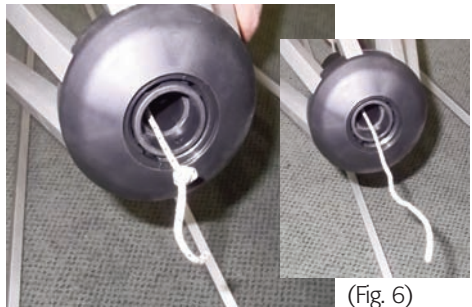
(Fig. 3)

STEP 2

Pull ribs slightly open to give slack to cord (Fig. 4). With ribs slightly open, pull cord through bottom of runner (Fig. 5) and untie knot (Fig. 6). Note position of knot for reference of re-tying knot at end of assembly (Step 14). You may let go of ribs.



(Fig. 4)



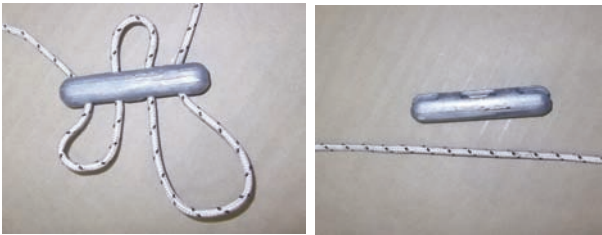
(Fig. 5)

(Fig. 6)

With the cord untied, pull cord out from top of runner (Fig. 7). Remove cord weight lock from cord and set aside (Fig. 8).



(Fig. 7)



(Fig. 8)

STEP 3

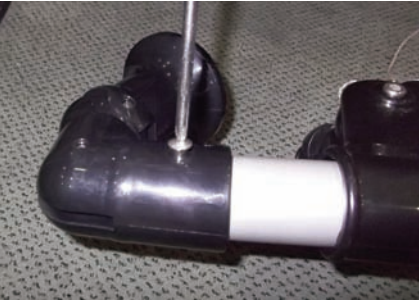
Remove rib assembly by pressing button located on hinge (Fig. 9). Pull cord out from rib assembly, remove rib assembly and set aside.



(Fig. 9)

STEP 4

On hinge, remove top screw with a screwdriver to detach hinge from arched pole (Fig. 10). Remove hinge, screw and coupler from arched pole and set aside (Fig. 11).



(Fig. 10)



(Fig. 11)

STEP 5

Remove screw and nut from shoulder (Fig. 12) using a hexagon wrench (Fig. 13). Remove main pole from shoulder (Fig. 14).



(Fig. 12)



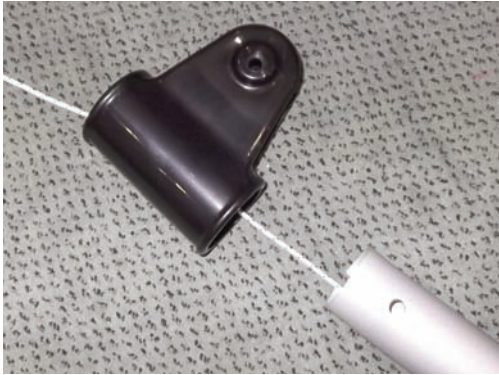
(Fig. 13)



(Fig. 14)

STEP 6

Remove shoulder from arch pole (Fig. 15).



(Fig. 15)

STEP 7

Grab new replacement shoulder, insert end of cord through shoulder (Fig. 16) and attach shoulder onto arch pole (Fig. 17).



(Fig. 16)



(Fig. 17)

STEP 8

Attach main pole to shoulder (Fig. 18) using new supplied screw and nut and tighten with hexagon wrench (Fig. 19). **NOTE:** Do not over tighten screw and nut or pole will not be able to move.



(Fig. 18)

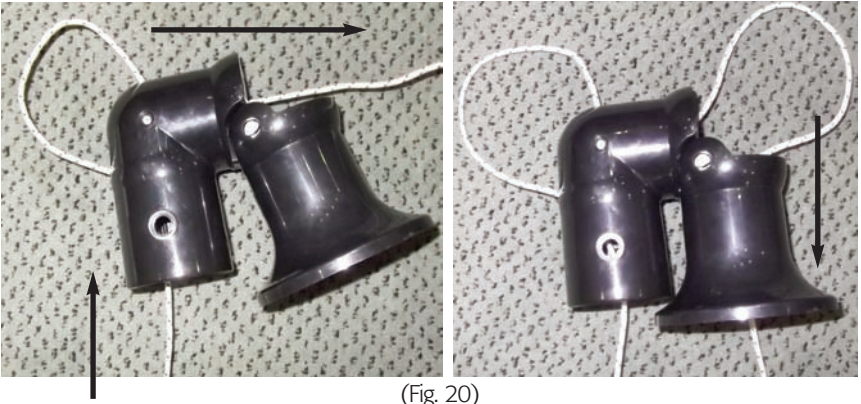


(Fig. 19)



STEP 9

Grab hinge and insert cord back through hinge and around pulley (Fig. 20).



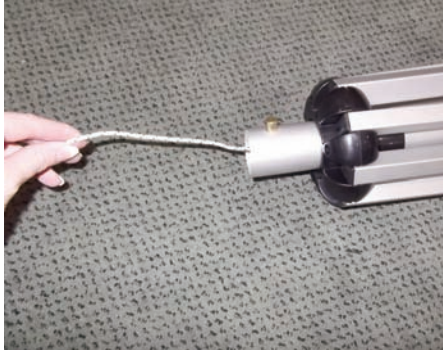
STEP 10

Attach hinge back onto arched pole and line up holes (Fig. 21). Reinsert coupler and tighten screw back onto hinge (Fig. 22).



STEP 11

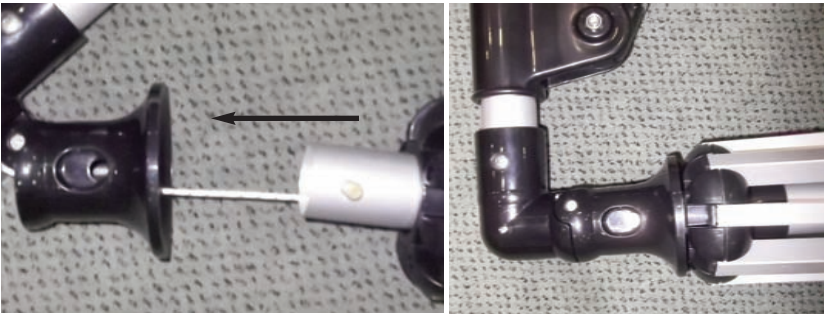
Grab rib assembly and insert cord from hinge through top of rib assembly pole (Fig. 23) and pull cord all the way through until tight.



(Fig. 23)

STEP 12

Lock rib assembly back onto hinge by reinserting button into hinge (Fig. 24).



(Fig. 24)

STEP 13

Grab cord weight lock and zig zag cord through lock (Fig. 25). For proper cord insertion, follow diagrams below. Give approximately 15" from lock to end of cord.



(Fig. 25)



STEP 14

Pull ribs slightly open to insert cord through top of runner to tie a figure 8 knot (Fig. 26).

NOTE: Tie knot in same position as when untied in Step 2.



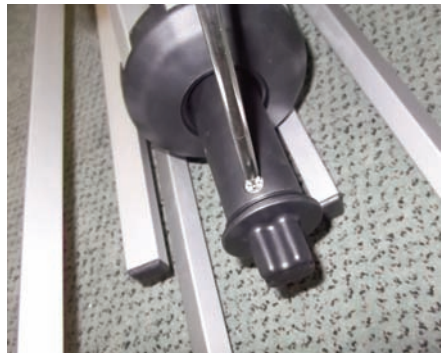
(Fig. 26)

STEP 15

Add light adapter cap back to bottom of runner aligning holes (Fig. 27) and tighten with the two (2) screws (Fig. 28).



(Fig. 27)



(Fig. 28)

STEP 16

Measure cord from top of runner to bottom of cord weight lock. Make sure it is 12". If not, adjust cord weight lock to 12" (Fig. 29).



(Fig. 29)

STEP 17

Open umbrella. If canopy does not fully open, cord weight lock is too high. If canopy is fully open but wobbles, lock is too low. Please refer to Step 16.



Correct



Incorrect



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