

# DIY Rear Roller Sun Shade Repair with Pics for W203

## Instructions:

The rear roller shade sometimes does not retract very well into the recess. This is due to lost spring tension on the roller. Most have seen the method to remove the assembly. This DIY shows how to fix the roller tension.

Note: if the roller fabric works fine, but your mechanism does not, it may need lubrication and adjustment of the pivots point bolts. Most mechanisms don't break, but need lubrication to work properly.

## Tools you need for roller repair:

5/32" drill bit and drill; 5/32" rivet

1) remove your sunshade following the instructions below:

## Tools to remove sunshade:

10mm socket and extension for ratchet

Flat blade screwdriver

E10 Torx for SRS bolt

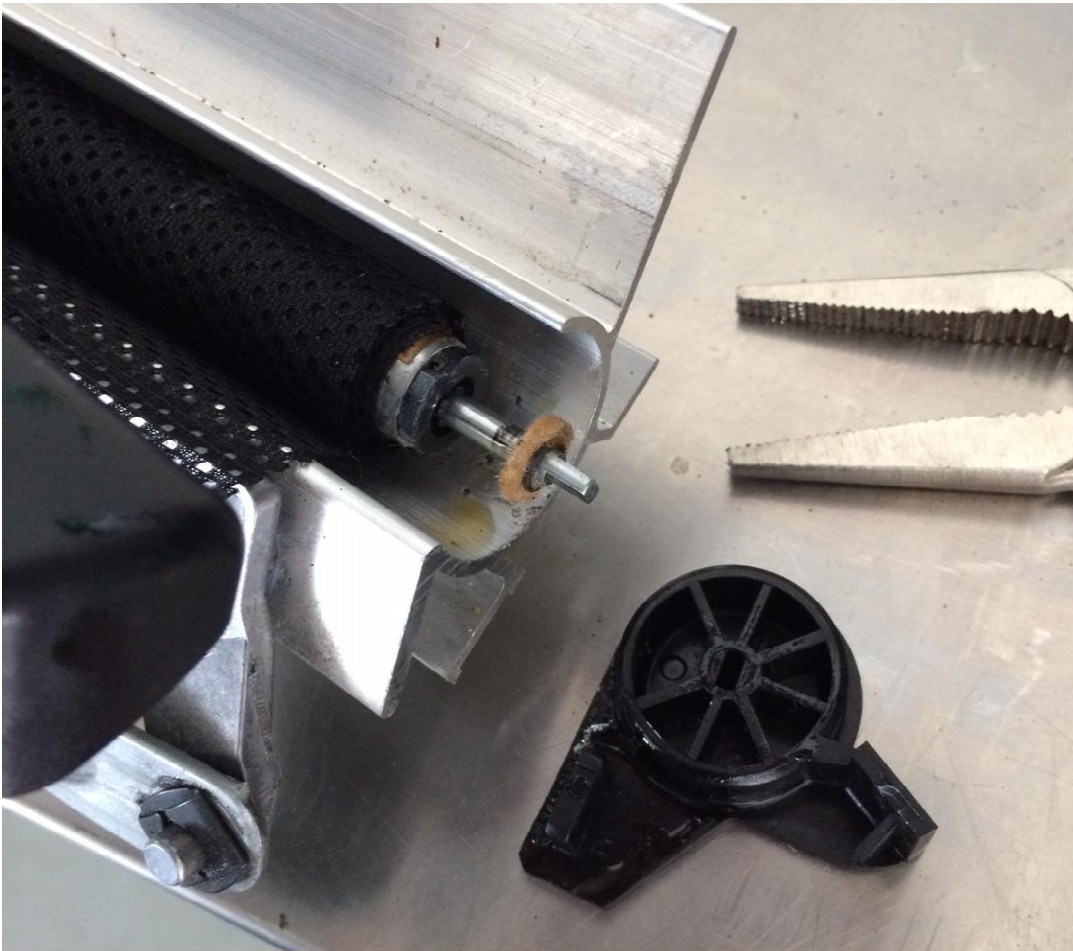
- 1) Remove the SRS logo from each C-pillar and unbolt them with the E Torx bit. Pop the C-Pillar covers loose and place on the floor on each side. No need to remove them from the rear seat belts.
- 2) Remove the seats if non-folding seats. Otherwise fold them forward.
- 3) With folding seats, pull the outboard upright seat bolsters forward out of their snap brackets, then remove these brackets. Unbolt the 10mm bolt from the bottom of each seat bolster. Unlatch the top brackets from inside the slot using a screwdriver.
- 4) Remove two rubber seat back bump stops in the center by pulling the push pins out. (folding seats for sure, not sure about non-folding).
- 5) from inside the trunk, loosen the three 10mm nuts holding the shade in place.
- 6) On folding seat model, remove the two 3x4 black covers from the trunk cross member, and disconnect the unlatch indicators (pull the steel spring down and release the yo-yo shaped sliders by moving them sideways).
- 7) From inside the rear seat area, get under the deck cover with your hands and force up and toward you. It will require quite a bit of wiggling. On folding seat models, be sure to clear the yo-yos on the unlatch indicators.
- 8) Once out of the car, the shade assembly can be removed from the rear deck cover. It is held in place by two 10mm nuts and two push/pull pins.

2) With the assembly on the bench, find the rivet on the end *without* the Allen head and screw, or wiring clip.

Note: Allen head and screw are for adjusting tracking, and should not be messed with unless you have tracking issues for the roller. You can also see the adjustable bolt and lock nut for the pivot in this picture.



3) drill out the rivet with the 5/32" drill bit. Be careful to drill the center of the rivet, not make an oval hole.



- 4) grab the end of the flat on the roller and spin until no slack in the roller fabric. Give it 2 more turns using the black plastic end cap holding the flat of the roller to provide positive tension.
- 5) align the black plastic end cap so it matches the opposite end, and rests the shade arm properly. Place the rivet in the drilled hole and pop it in place.
- 6) Lube all pivot and sliders, adjust pivot bolts for tension if required, then reassemble in reverse order.