

Removing and Replacing the Gen 2 Support Bracket



Do NOT remove the torsional springs on the sides of the support bracket shown below.



Locate the support bracket at the bottom front of the scrubber. Lower the scrub deck and power off the machine.



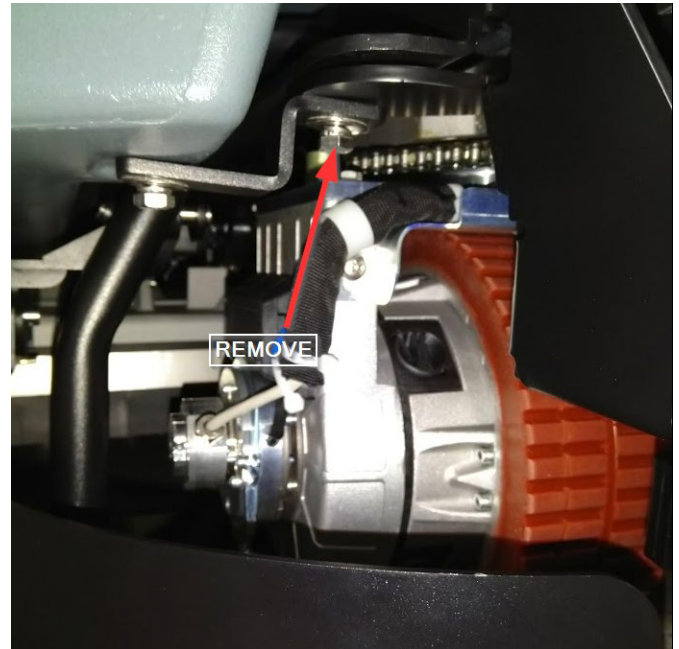
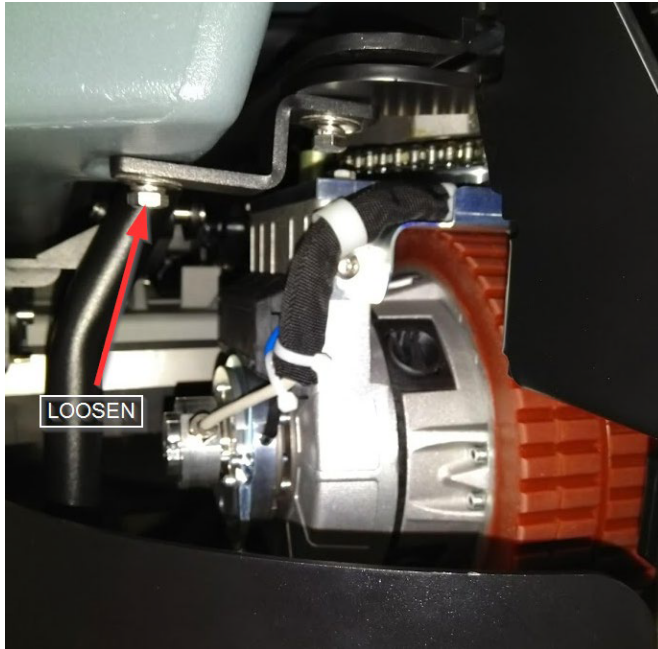


Place your hand on the rear side of the guard to catch the spring as it is freed. This is important, as the spring can fly out and may cause injury to exposed sensitive bodily areas.

Locate and remove the bolt located on the underside of the protection cage. Apply upward pressure to the bolt as it is being loosened. There are 2 washers and a spring which will be freed when the bolt has been loosened.



Locate four bolts located on each side of the support bracket. Loosen and remove the bolts as shown below.



Swing both z shaped brackets out of the way.



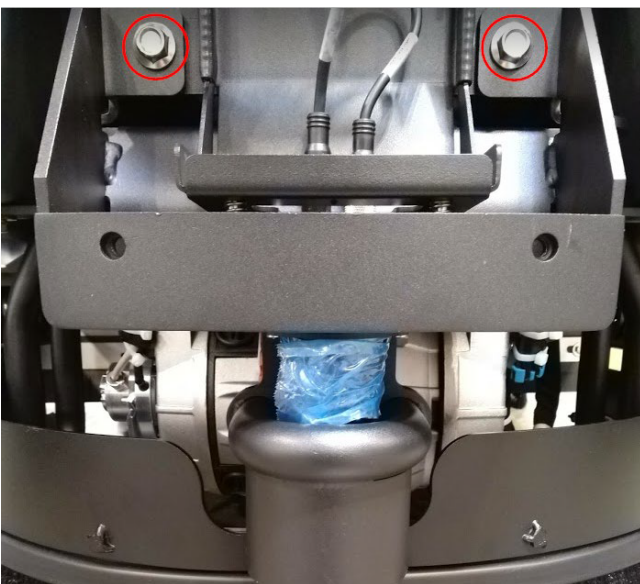
Locate and remove the four bolts located next to the anti-roll bars.



NOTE: once the cage is loosened, be very careful not to hit the lidar. The smallest scratch can render it defective

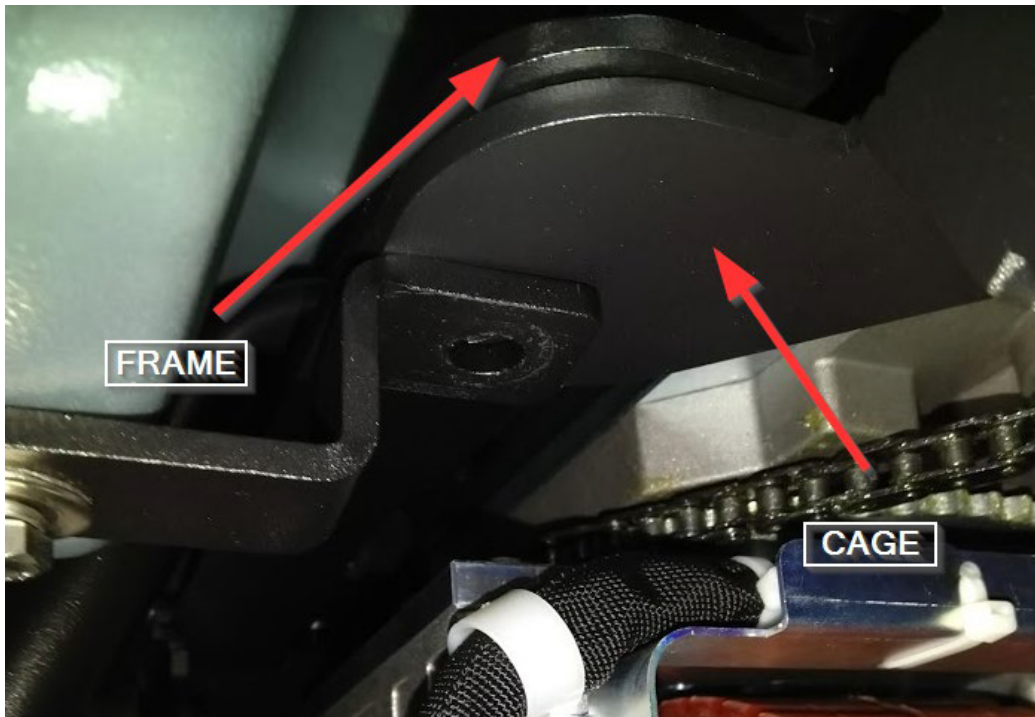
While holding the cage, Remove two front 14mm hex screws.

Carefully remove the cage by tilting it out as shown below.



Installation of the new cage

Slide the new cage in the same way the old one was taken out.
Return the z shaped brackets to their original position and
make sure the cage goes between the frame and the brackets.
Hand tighten the Hex head screws (they will be torqued later).

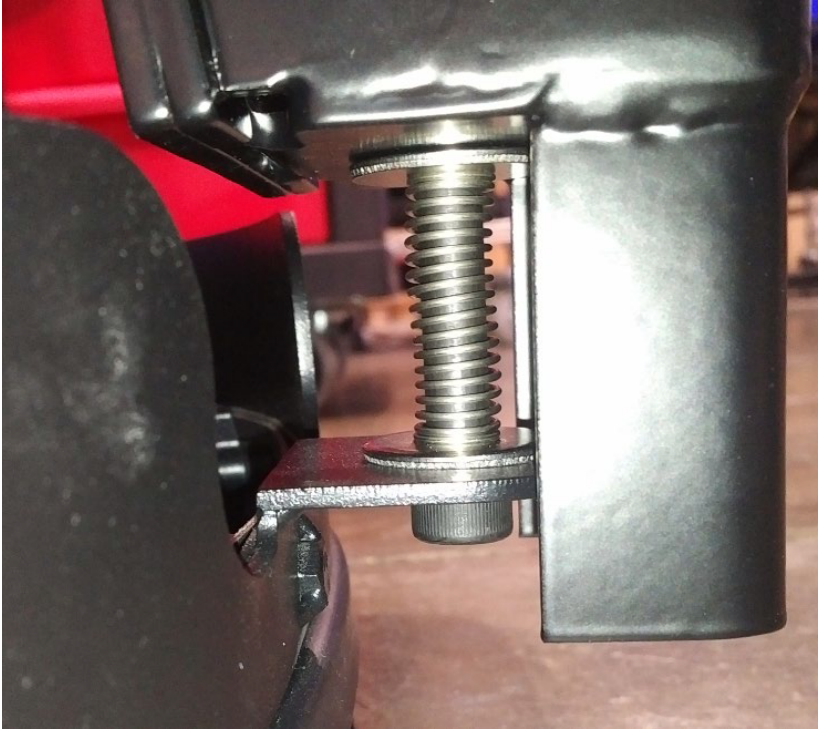


Hand tighten the two front 14mm hex head screws (they will be torqued later).



Connect the front brush to the cage using the shoulder bolt, washers, and spring.

NOTE: to help with alignment, make sure the brush is in contact with the ground. It can also move side to side.



Torque all fasteners.

- a. Torque the four vertical hex head side screws connecting the z brackets to 21 N-m.
- b. Torque the two front hex head screws to 42 N-m.
- c. Torque the shoulder bolt to 21N-m.