



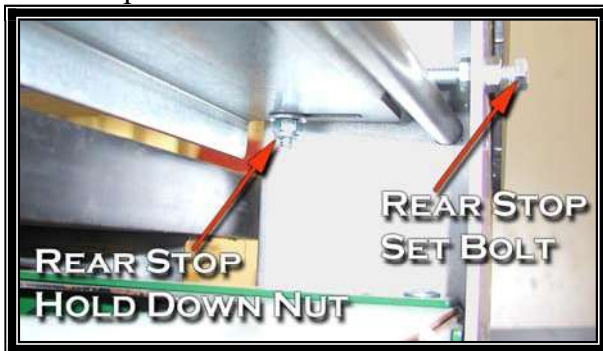
# How To...

## 23.90 SQE CHECK

The SQE may need to be cleared if the head is not operating normally. Occasionally debris will work it's way in and keep the air from flowing freely. This clearing can only be done by first removing the rear stop.

### SOLUTION STEPS:

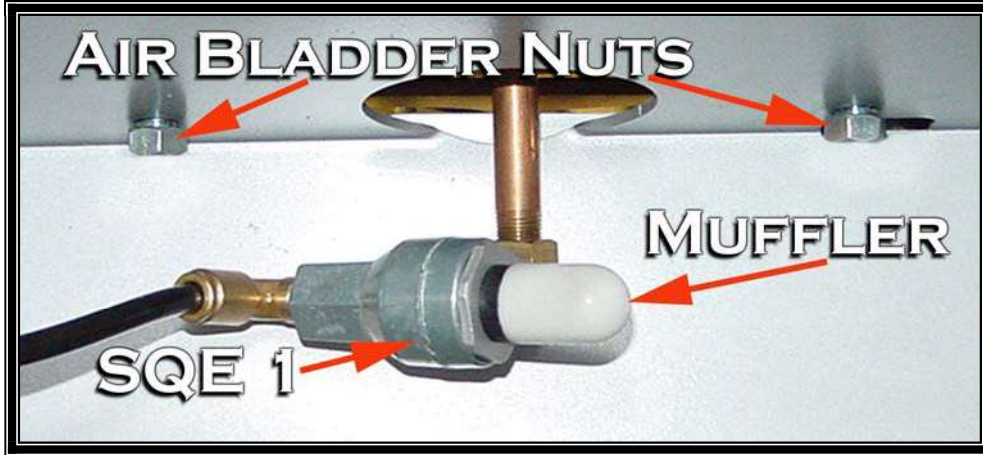
1. Make sure the machine power is off and the air is disconnected
2. Locate the Fixed Rear Stop. It is held in place by two 7/16" nylock nuts on the underside of the stop.



3. Remove the stop, but DO NOT adjust the Rear Stop bolts sticking out of the rear of the machine that butt up against the rear stop.



4. Once the Rear Stop is removed, you should be able to fit your arm into the rear of the machine. Reach in to the rear of the machine and remove the white Muffler from the SQE.



5. Cycle the machine several times to clear out any debris.

6. Inspect the Muffler to ensure that it is also clear of any debris or obstruction.

7. Replace the Muffler and test. If this procedure doesn't fix the problem then replace the SQE.



# How To...

## 23.91 SQE REPLACEMENT

The SQE may need to be replaced if the head is not operating normally. This can only be done by first removing the rear stop.

### SOLUTION STEPS:

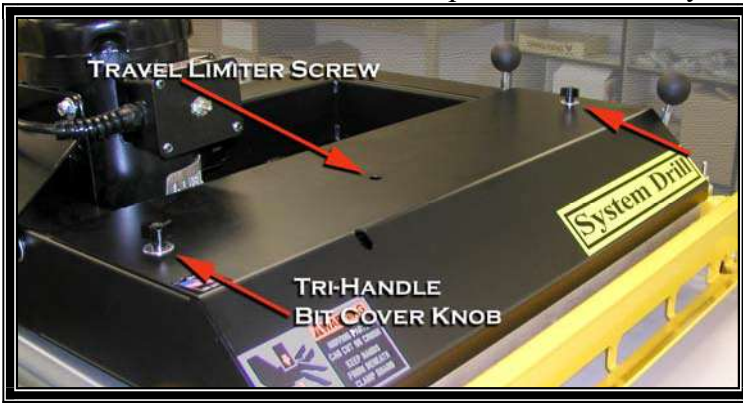
1. Make sure the machine power is off and the air is disconnected
2. Locate the Fixed Rear Stop. It is held in place by two 7/16" nylock nuts on the underside of the stop.



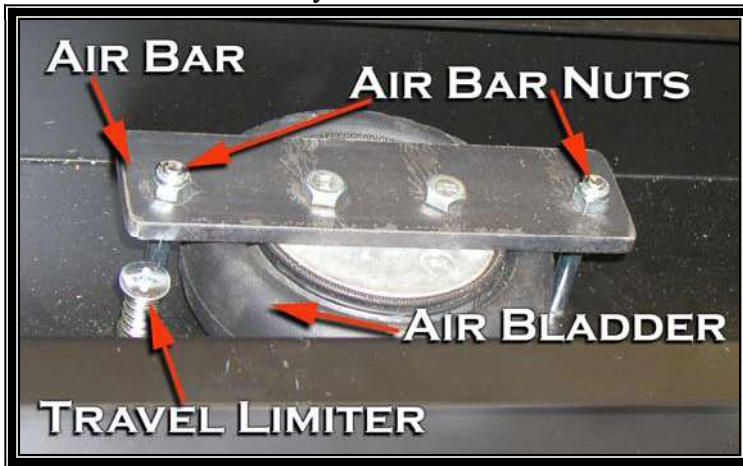
3. Remove the stop, but DO NOT adjust the Rear Stop bolts sticking out of the rear of the machine that butt up against the rear stop.



4. Remove the drill cover on the top of the machine by loosening the three-pronged knobs.



5. Locate the two 1/2" nylock nuts that secure the air bar that runs across the top of the air bladder.



6. Use a pointed file or a scribe to mark a reference line across the nylock nuts and the bolts they are attached to. This line will be used as a reference mark for reassembling the air bladder assembly.

7. After scribing a clear line, use an open or boxend 1/2" wrench to remove the two nylock nuts. **VERY IMPORTANT:** Count the number of turns from the scribed reference lines it takes to remove the nuts. When reassembling, this count will be used to recalibrate the air bladder factory setting.

8. Remove the nylock nuts, but be careful to keep them in a way that they do not get mixed up. It's important that the nuts go back on the bolts they came off of.

9. With the nylock nuts removed, you can lift the air bar off of the air bladder enough that it clears the drill frame.

10. Turn the air bladder and the air bar counter-clockwise until you hear the SQE fall inside the machine.

11. Reach inside the rear of the machine with one hand (or get assistance) and turn the air bladder with the other until the SQE is fully unscrewed from the air intake for the bladder.

12. Disconnect the large air hose from the push-in fitting attached to the SQE and remove the SQE from the rear of the machine.

13. Replace the SQE by following the above instructions in reverse.