



Tech Bulletin: Battery Cable Tightening

1/11/2024

Description

This Tech Bulletin provides instruction for properly tightening the main positive battery cable during the installation of a Genesys Scrubber.

Machines Impacted

- Genesys 26D / 28D / 32D
- Genesys 20D / 20DT
- Genesys 20ORB / 28ORB

Tools Required:

- 1x – 9/16” Wrench (attached to the main positive battery cable in the battery compartment)



Procedure

1. Remove the wrench from the positive cable.
2. Remove the nut that is hand threaded onto the main positive stud on the battery pack.



3. Place the ring terminal of the main positive cable onto the positive battery stud.



4. Thread the nut that was removed in step 2 back onto the stud.





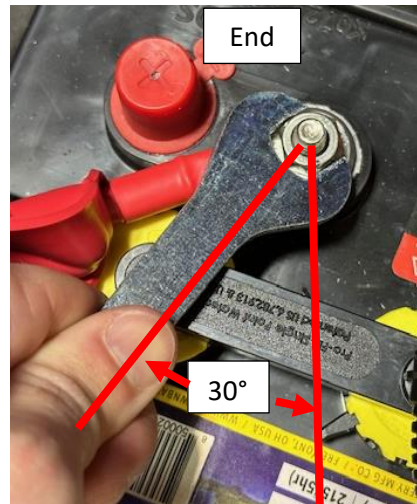
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- Hand tighten the nut until the ring terminal sits flush against the base of the stud. Tighten until you can't any more by hand. Make sure that the terminal is not sitting up at an angle, preventing it from being hand tightened all the way down. If you need to use the wrench to pull the terminal flat, do so, but only until you feel resistance.



- At this point, the nut should be hand tight against the terminal. Use the supplied wrench and turn the nut approximately 30°. This could also be described as turning the wrench handle from 6 o'clock to 7 o'clock as oriented in the photos below. At this point, the nut should be tight and you shouldn't be able to turn it much more. If by some chance it seems that the nut is not tight, continue to tighten until you can't turn it anymore. ****DO NOT CONTACT BOTH + AND - TERMINALS AT THE SAME TIME****





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7. When the cable is properly tightened, you should not be able to pull side to side on the cable and see the ring terminal move. If it does, re-tighten it.
8. If possible, use a marker and mark both the nut and the terminal in line. This provides a visual indicator to see whether or not the nut comes loose.



9. Place the red battery cover over the terminal.

