



Tech Bulletin: Genesys Scrubber Pad Drive Plate Install

5/27/2020

This guide will walk you through replacing the old pad drive plate with the improved pad drive plates.

Step 1 – Tools Required

- 1x - Ratchet
- 1x - ½" Socket
- 1x - Left hand pad drive plate
- 1x - Right hand pad drive plate
- 2x - Jack screw

Step 2 – Preparing the Machine

It is recommended that the machine be put onto a table or lift for this process. The deck can hang over the edge and be easily accessed. **WARNING: CHOCK THE WHEELS AND SECURE THE MACHINE WHENEVER WORKING UNDER THE DECK.** If a lift is not available, follow these steps to remove the deck.

1. Open the recovery tank and remove the gray front panel.
2. Put the deck into the lowest down pressure.
3. Remove the lower actuator pin. Note the plastic spacers that will need to be reinstalled.





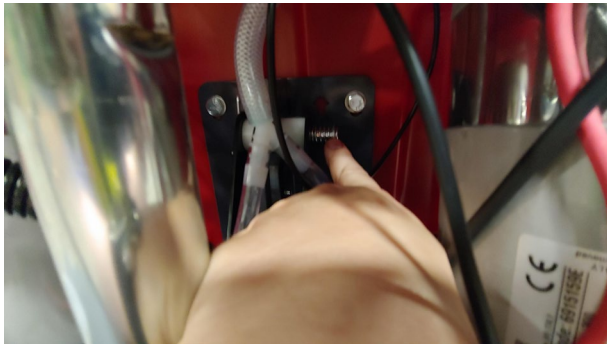
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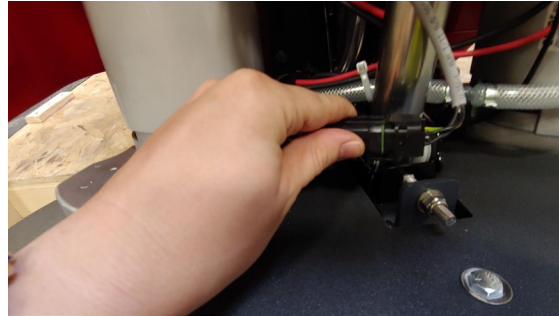
4. Remove the pin from the left side arm and the right side arm.



5. Remove the pin securing the roller to the track bracket. Note the spring and washers.



6. Disconnect the two motor connectors and the actuator connector.





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7. Disconnect the water feed at they Y connector.



8. Remove the deck from the machine. NOTE: Do not power off the machine, change the down pressure setting, or adjust the actuator tube until the deck is reinstalled. Failure to do so will result in damage to the machine.

Step 3 – Removing the Pad Drive Plate

1. Remove the center bolt from the machine that is securing the pad drive plate.





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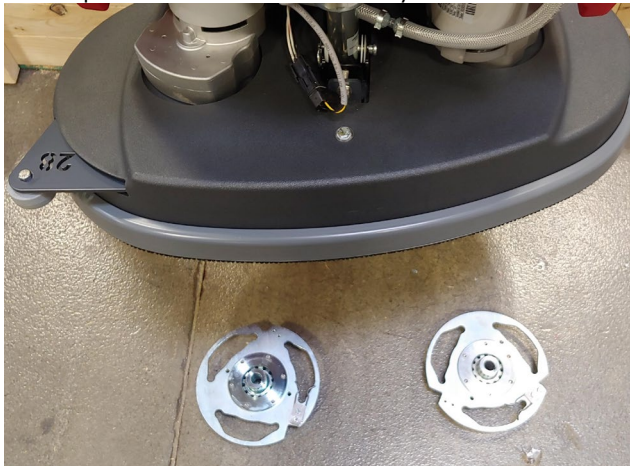
2. Start the jack screws by hand in the tapped holes on the plate. Tighten the jack screws until the plate falls off of the shaft.



3. After removing the plate, locate the key and be sure to install it when installing the new drivers.



4. Ensure that the drive plate are installed in the correct position as there is a left and a right drive plate. You can identify the orientation by the position of the spring clip (See Picture)





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5. Apply locktite to the center bolt and reinstall the pad drive plate.



6. If you removed the deck, reverse the steps in Step 2. NOTE: Do not power off the machine, change the down pressure setting, or adjust the actuator tube until the deck is reinstalled. Failure to do so will result in damage to the machine.