

Steps for Adjusting Gateway Control Handle



1. Preparation

- Raise or position the machine so that all traction cable areas are accessible.
- Remove the existing traction cable.

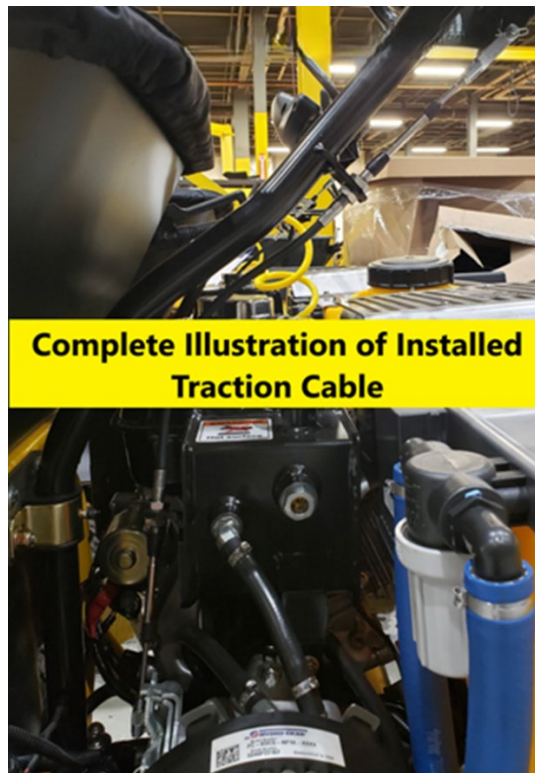
2. Required Parts & Tools

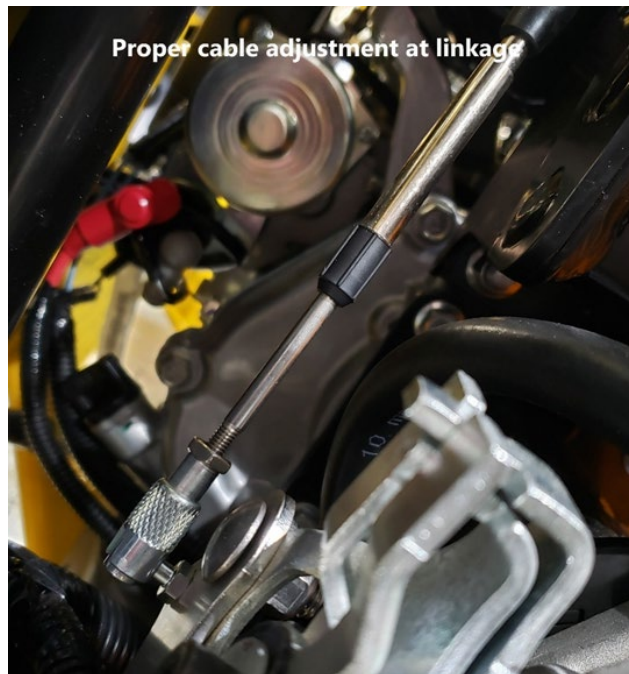
- 3/8" open ended wrench.
- 11/16" open ended wrench.
- Zip ties (provided)
- Silver spring (provided).
- Traction cable

3. Disconnect Power

- **Disconnect the battery first** — always remove ground before positive.

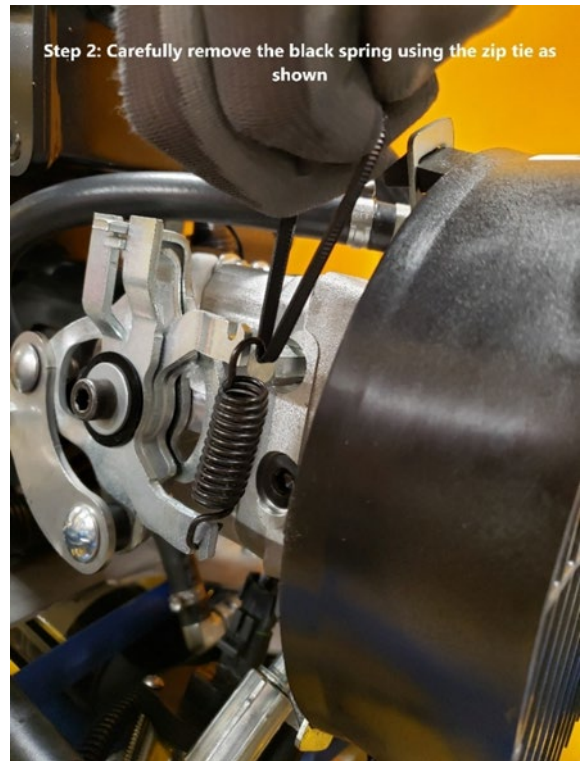
4. Ensure that the Control Cable (Traction Cable) is properly installed on the unit (cable approximately midpoint on the tank mounting and handle mounting tabs) and no excessive "pull" on the cable throughout the turning range (11/16" wrench).



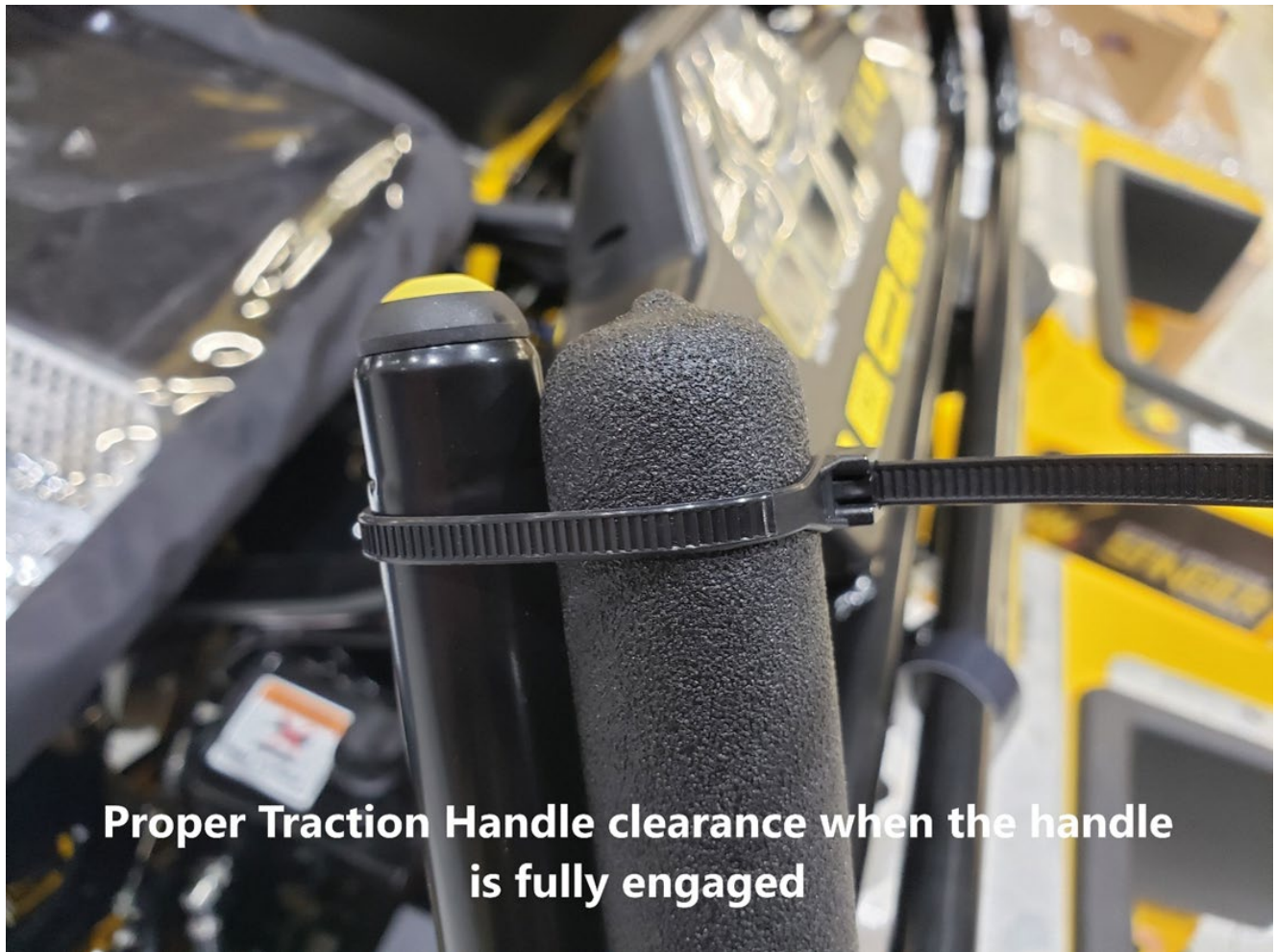


5. Setting the Forward Throw for the Control Handle. *Note: This can be completed with or without the comfort grips installed on the control handle.

- Remove the pump spring using the zip ties as shown in the photos.



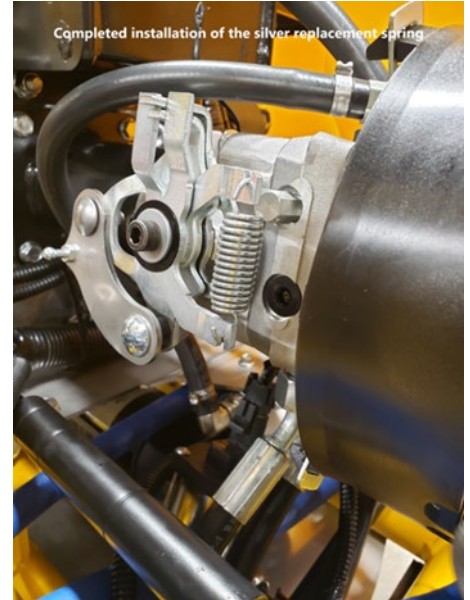
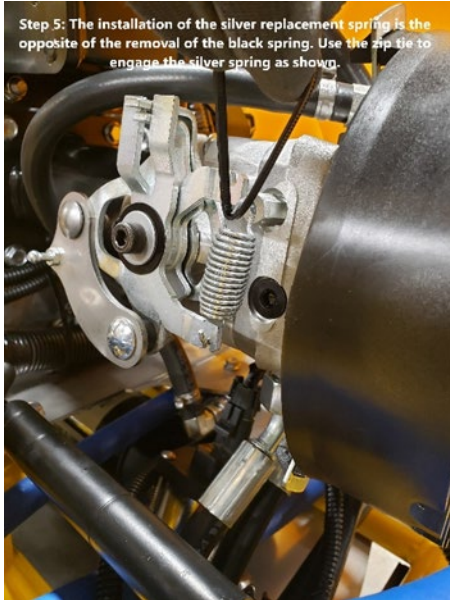
- Disconnect the cable from the handle by removing the yoke pin.
- Close the handle in the forward position and secure – we recommend using a zip tie as shown:



6. With the ball end of the cable connected to the pump, fully extend the cable in the up position as shown below. This ensures that the pump is in the maximum speed moving forward



- Adjust the yoke until the clevis and pin slides through the yoke and handle.
- Secure the clevis/handle/yoke with the bridge cotter pin.
- Secure the yoke using the jam nut (3/8" open end wrench)
- Free the Control Handle.
- Install the pump spring as shown in the photos below (verify it is the Silver Hydro-Gear spring)



- Nominally, this process will yield a top forward speed of 5.3 - 5.5 mph

7.

***Acknowledgement: Design prefers further tweaking this process.... Having the grips installed throughout the process and turning the yoke in ½ turn increments until the clevis pin can barely be pushed through the yoke and handle in step 5 (aka zero slop). This action maximizes forward speed – HOWEVER – if done incorrectly this will cause premature cable failure. Top speed will increase to 5.6 - 5.8 mph but the margin for error to avoid cable stress is nil.**

8. Production Instructions – perform the above steps without grips installed but turn the yoke until the clevis can barely be pushed through by hand. When testing with grips installed, top speed less than 5.3mph requires further review of the machine. Top speed of 5.3 – 5.6 mph is acceptable.