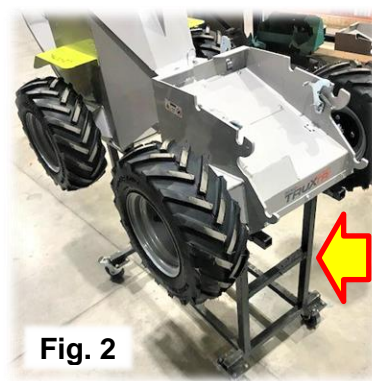


(Err 80) CODE - POTENTIOMETER SETUP

1

- 1) Using safe methods, lift or jack the machine off the floor and use suitable supports under the chassis so all wheels are free off the ground. Ref. Fig. 1 & 2

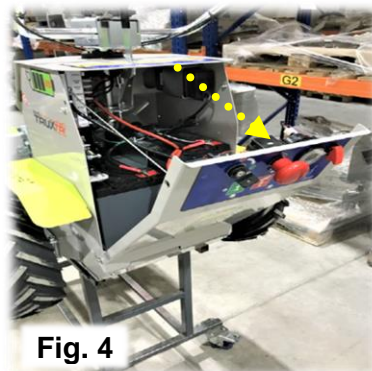
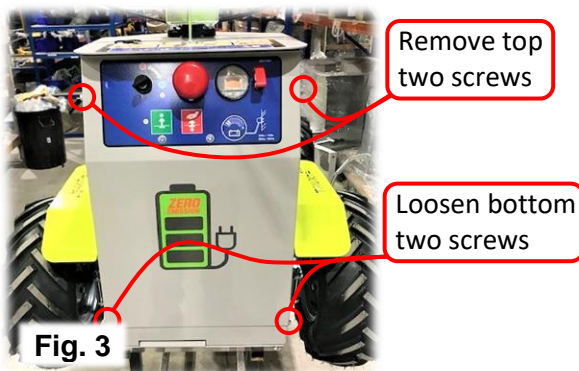
CAUTION: Ensure safe methods of lifting and supporting are used and that the machine is stable before starting any other work. Failure to use proper methods may result in damage to machinery or injury to persons.



2

- 2) On the rear panel, loosen the two bottom screws and remove the two top screws. Pull the panel from the top to gain access to the inside of the machine. Ref. Fig. 3 & 4

CAUTION: Care should be taken to not short the battery terminals with metal tools when working inside the machine. Rubber, cardboard or other non-conductive materials can be placed over the battery terminals for extra protection against shorting terminals.



(Err 80) CODE - POTENTIOMETER SETUP

3

- Using two 5.5mm wrenches or sockets, loosen the 3mm pinch bolt holding the potentiometer clamp just enough to allow the potentiometer shaft to move within the potentiometer clamp. Ref. Fig. 5 & 6

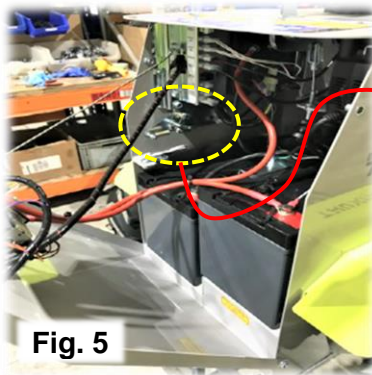


Fig. 5

Potentiometer Assembly

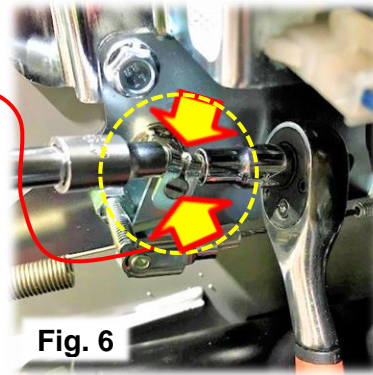


Fig. 6

4

- Hold the Deadman Lever down and with a flat head screwdriver, turn the potentiometer shaft in a counter clockwise direction until the wheels just start turning. Ref. Fig. 7 & 8

NOTE: Secure the Deadman Lever in position by using a zip tie.



Fig. 7

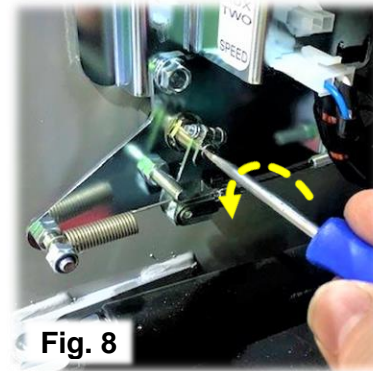
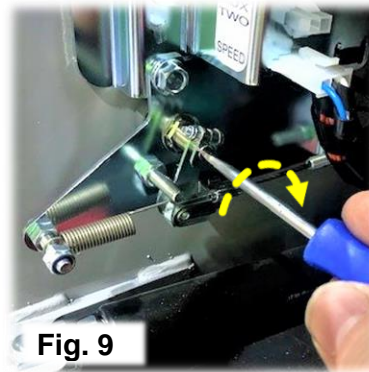


Fig. 8

(Err 80) CODE - POTENTIOMETER SETUP

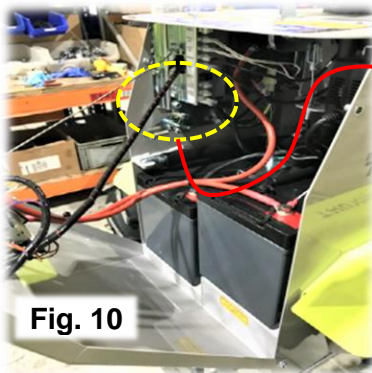
5

- 5) After the wheels are moving, slowly turn the potentiometer in a clockwise direction until the wheels come to a stop, then continue turning for another couple of degrees. Ref. Fig. 9

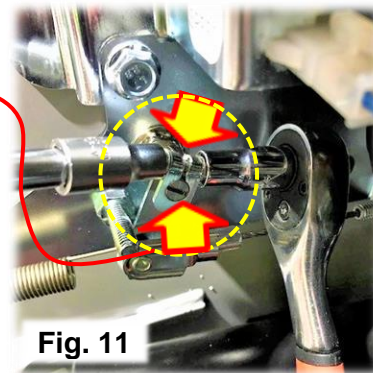


6

- 6) Using the 5.5mm wrenches or sockets, tighten up the 3mm pinch bolt clamping the potentiometer arm to the potentiometer shaft. Ref. Fig. 10 & 11



Potentiometer Assembly

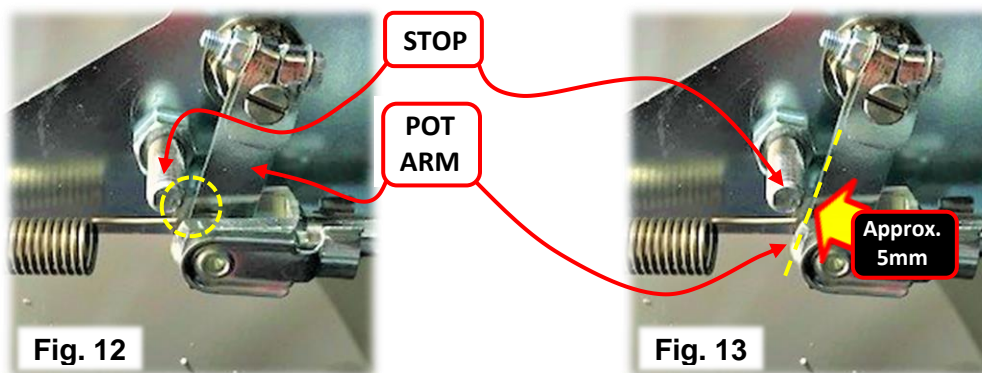


(Err 80) CODE - POTENTIOMETER SETUP

7

- 7) With the Deadman Lever held down, operate the forward lever fully, this will achieve full speed of around 65 to 70 RPM. Releasing the lever slowly will allow the motors to slow down, the wheels should cease rotating before the potentiometer arm comes to rest against the stop. Ref. Fig. 12 & 13

NOTE: There should be approximately a 5mm air gap between the stop and the potentiometer arm as the wheels come to a stop. If the arm touches the stop and the wheels are still turning. Repeat from step 3 and increasing the amount of degrees after the wheels come to a stop in step 5.



8

- 8) Once set, secure rear panel by replacing the two M6 screws and tightening the bottom two screws. Return the machine to the ground and test run. Ref. Fig. 14

