

# Technical Bulletin

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Subject: **Accelerator Parameters SEVCON SC2000**

The following is a step by step set of instructions for setting the accelerator parameters of the Sevcon SC2000.

**NOTE:** Before setting any parameters the potentiometer needs to be mechanically set. The reading should go from around 5k ohms down to 0 ohms.

1. While using the calibrator go into the Traction Test Section (Section 1.3)
2. Scroll over to 1.3.2. This reading is the accelerator voltage that the controller is currently reading from the accelerator with the foot switch in the neutral position.
3. Write this voltage down. This is the accelerator zero voltage: \_\_\_\_\_
4. Depress the pedal completely down. The voltage should go down.
5. Write this voltage down. This is the accelerator full voltage: \_\_\_\_\_
6. After recording these two voltages use the down arrow and you will be toggled over to the Traction Personalities accelerator zero level 1.1.20.
7. Using the accelerator zero voltage you wrote down earlier, set the voltage on 1.1.20 to .2 volts below that number.

**EXAMPLE:** If the voltage read on 1.3.2 was 3.5 volts than the voltage setting on 1.1.20 would be 3.3 volts.

8. Scroll over to 1.1.21 accelerator full level. Set the voltage .2 volts above the voltage that was recorded earlier.

**EXAMPLE:** If the voltage went down to 0, you would set the voltage to .2 volts.

9. After completing these steps push the down arrow and you will be toggled back to 1.3.2. Scroll over to 1.3.1 accelerator % and check the operation of the accelerator.
10. When in the neutral position it should read 0%. When the grips are rotated this number should climb up to 100%.

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