

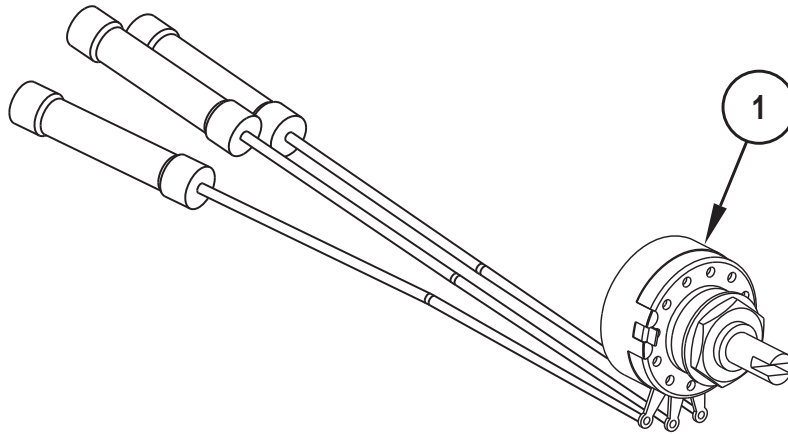
56104800 POTENTIOMETER KIT

SC1500 Models: ALL
LIBERTY A50 Models: ALL

CONTENTS OF KIT

Item	Ref. No.	Qty	Description
[]	56090315	1	Instruction Sheet
1	56104805	1	Potentiometer Assembly (Kit)

[] = Not Shown



The purpose of this kit is to replace the potentiometer that is hardwired to the harness and cannot be disconnected from the harness.

INSTALLATION INSTRUCTIONS

WARNING!

Disconnect the battery before removing or installing any machine components.

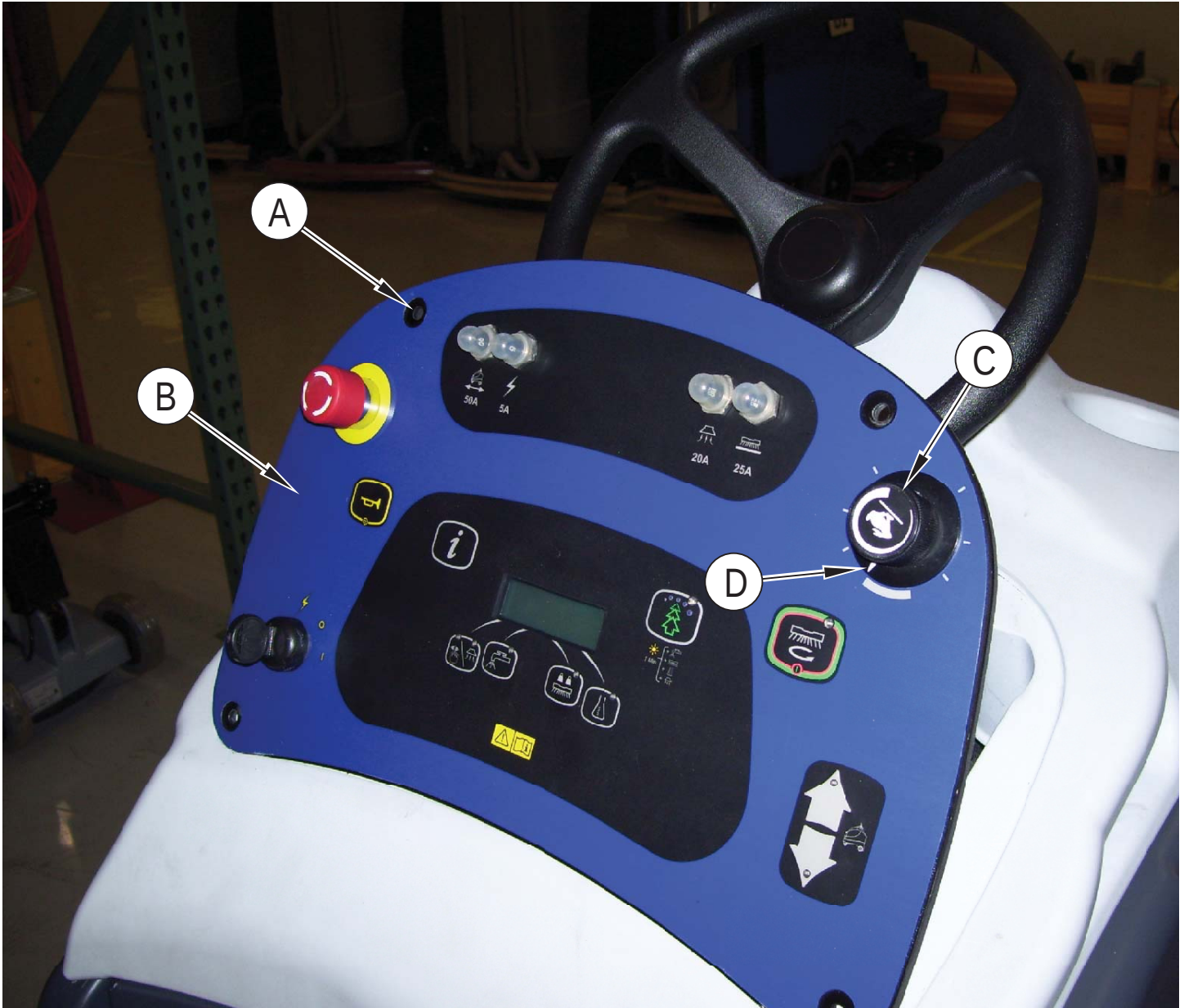
TOOLS REQUIRED

- Phillips Screwdriver
- 2 mm Allen Wrench
- 14 mm Socket with Extension
- ½" Wrench or Needle Nose Pliers
- Wire Connector Crimper
- Wire Cutter
- Wire Stripper

REMOVE INTERFACE PANEL AND START DISASSEMBLY

- 1 See **Figure 1**. Remove the four Screw Covers and Screws (**A**) securing the Interface Panel Assembly to the machine.
- 2 Carefully pull the Interface Panel Assembly (**B**) out from under the steering wheel and lean it against the steering wheel as shown.
- 3 Loosen the two set screws in the Potentiometer Knob (**C**) and remove the knob from the panel assembly.

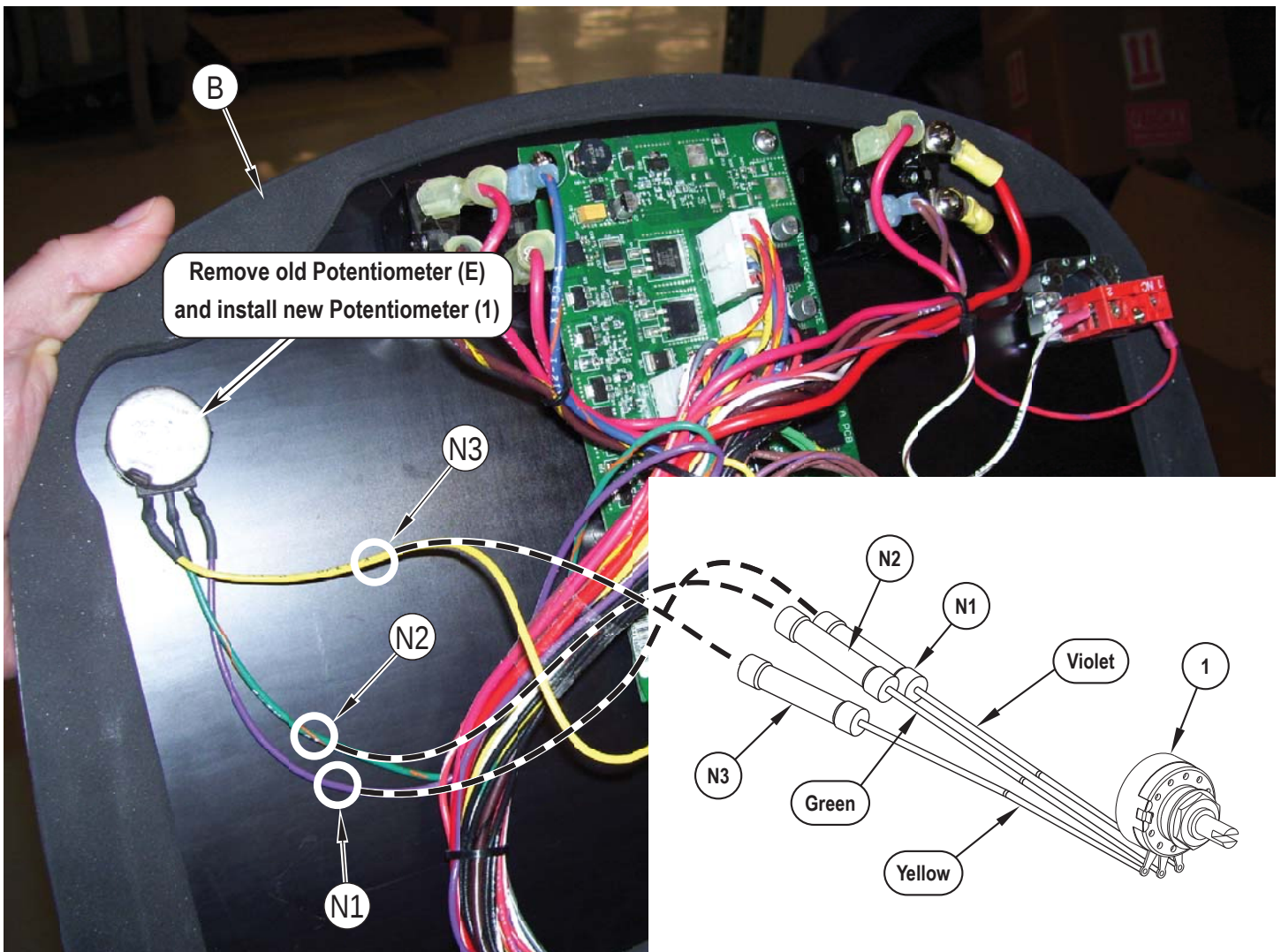
FIGURE 1



INSTALL THE NEW POTENTIOMETER

- 4 See **Figure 2**. Locate the Yellow, Green, and Violet Machine Wires that are connected to the old Potentiometer (**E**). Using a Wire Cutter, cut these three wires near the locations indicated with the (**N1**), (**N2**), and (**N3**), references.
- 5 Using a Wire Stripper, strip the end of each Machine Wire (cut in step 4) to about ¼".
- 6 Remove the potentiometer mounting nut from the front side of the panel assembly and pull the old potentiometer (**E**) out the back of the panel (**B**).
- 7 Install the new Potentiometer (**1**) into the Interface Panel Assembly and replace the mounting nut to the front side of the panel assembly.
- 8 Place the Violet Machine Wire into the Wire Connector (**N1**) for the Violet Wire on the Potentiometer (**1**) and crimp the wire.
- 9 Place the Green Machine Wire into the Wire Connector (**N2**) for the Green Wire on the new Potentiometer (**1**) and crimp the wire.
- 10 Place the Yellow Machine Wire into the Wire Connector (**N3**) for the Yellow Wire on the new Potentiometer (**1**) and crimp the wire.

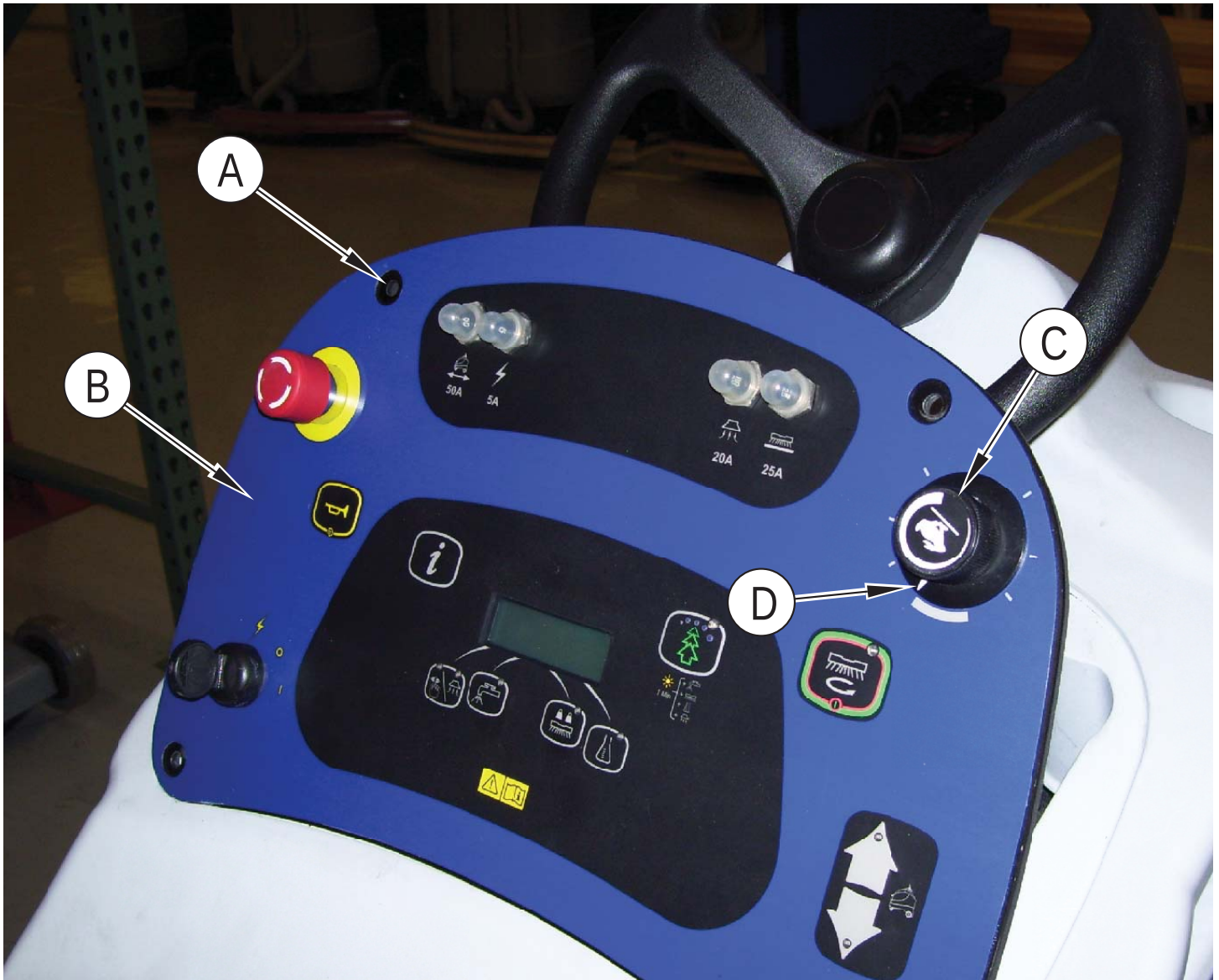
FIGURE 2



RE-INSTALL THE INTERFACE PANEL ASSEMBLY

- 11 See **Figure 3**: Following the steps in reverse order from Figure 1, install the Interface Panel Assembly **(B)** back onto the machine.
- 12 After reinstalling the panel, turn the potentiometer shaft all the way to the left then slide the Knob **(C)** onto the shaft and position the knob pointer **(D)** as shown before tightening the two set screws.
- 13 Reconnect the Battery.

FIGURE 3



VERIFY OPERATION

Turn the machine on.

Test the machine in the fast and slow positions to ensure the new Potentiometer is functioning properly.

Turn the machine off when finished testing.