



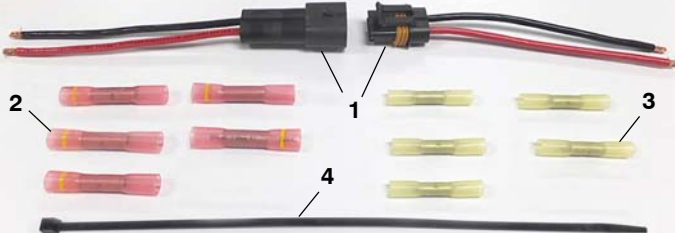
Brush Motor Connector Retrofit Kit



Models: T300, T300e, Speed Scrub 300, A300

This kit includes the necessary parts to replace a damaged brush motor connector. The factory installed red motor connectors when exposed to specific cleaning agents may crack due to a chemical reaction.

9014995 Kit Contents



Ref	Description	Qty.
1	Scrub Motor Connector Harness Assembly	1
2	8awg/10awg Red Butt-Splice Reducer Connector	5
3	10awg Yellow Butt-Splice Connector	5
4	Cable-Tie	1

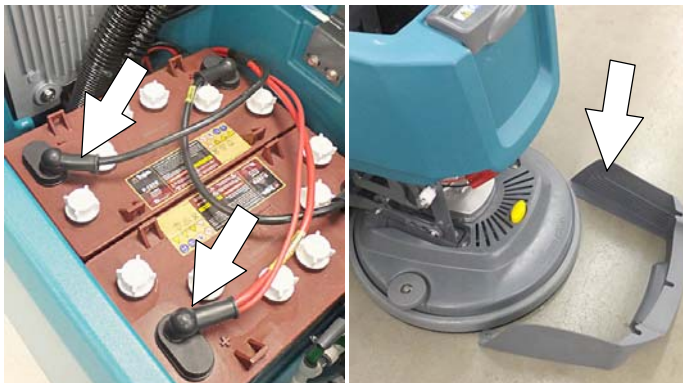
INSTALLATION INSTRUCTIONS:

Installation Time: 1 Hour

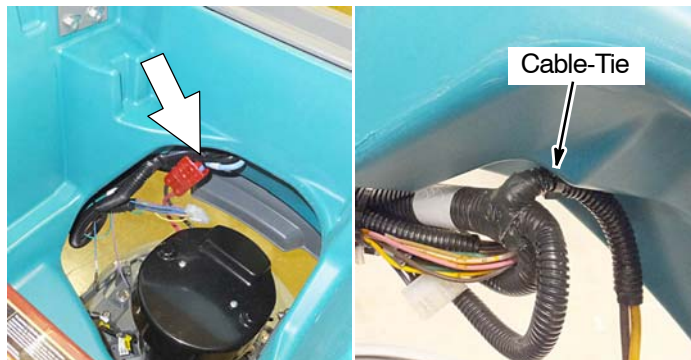
Tools Required: 10 mm socket wrench, wire cutters, wire stripper, terminal crimper and heat gun.

FOR SAFETY: Before servicing machine, stop on level surface, turn key off, disconnect batteries and set parking brake if equipped.

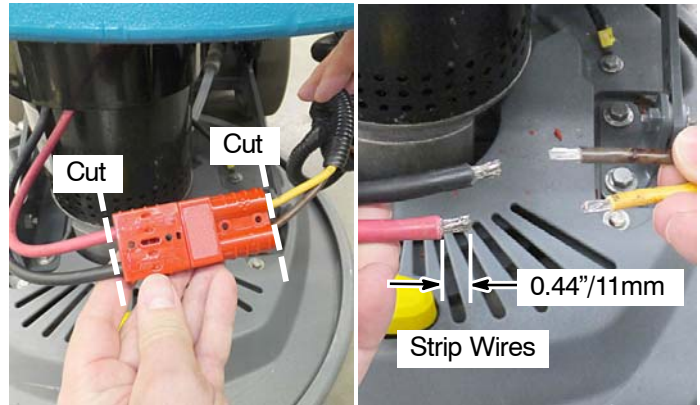
1. Disconnect battery cables from machine and remove front shroud to access brush motor connectors.



2. Cut cable-tie securing the motor connector harness to machine.



3. Cut the four wires connected to the red connector as shown and strip wires as described.



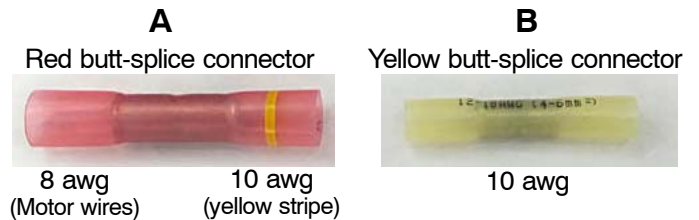
4. Connect the red and black motor wires to the kit male connector wires as described below. Perform pull test to ensure crimps are secure.

A - Brush Motors with 8 awg wires, use two red butt-splice connectors.

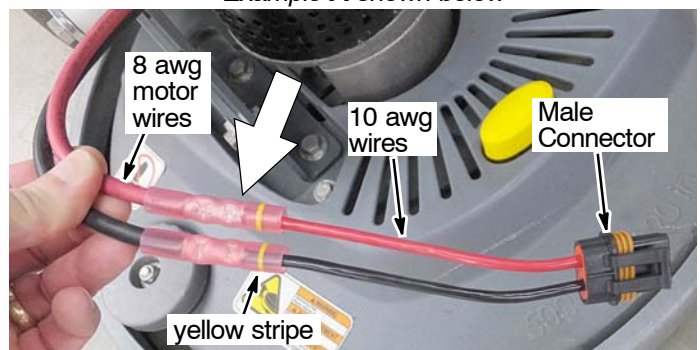
- Models with Single Disk Motor.

B - Brush Motors with 4mm² or 6mm² wire, use two yellow butt-splice 10 awg connectors.

- Models with Dual Disk, Cylindrical or Orbital Motor.



- Example A shown below -



- Connect the stripped wires from machine harness to the kit female connector wires as described below. Perform pull test to ensure crimps are secure.

A - Machine harness with 8 awg wires, use two red butt-splice connectors.

- T300e Push Models
- Speed Scrub 300 (SS300) Push Models

B - Machine harness with 10 awg wires, use two yellow butt-splice connectors.

- T300 Models
- T300e Propel Models
- Speed Scrub 300 (SS300) Propel Models

A

Red butt-splice connector



8 awg
(machine harness)

10 awg
(yellow stripe)

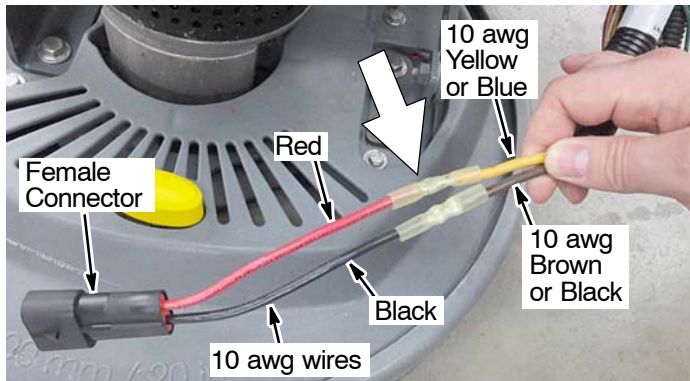
B

Yellow butt-splice connector

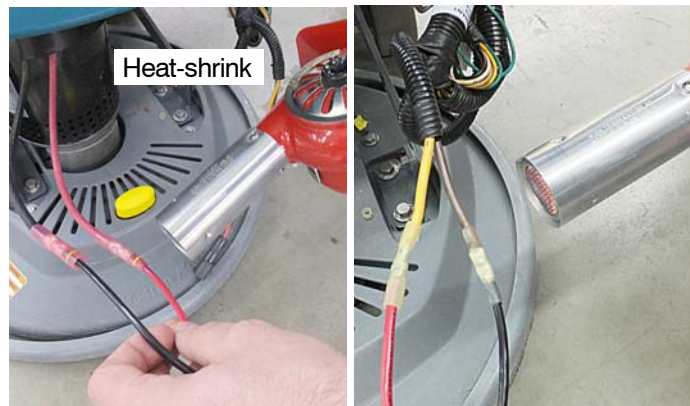


10 awg

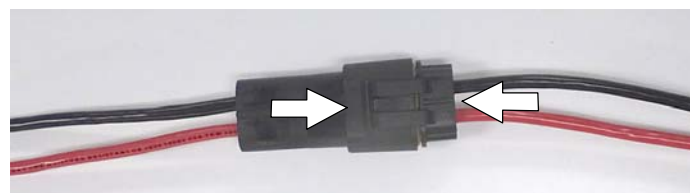
- Example B shown below -



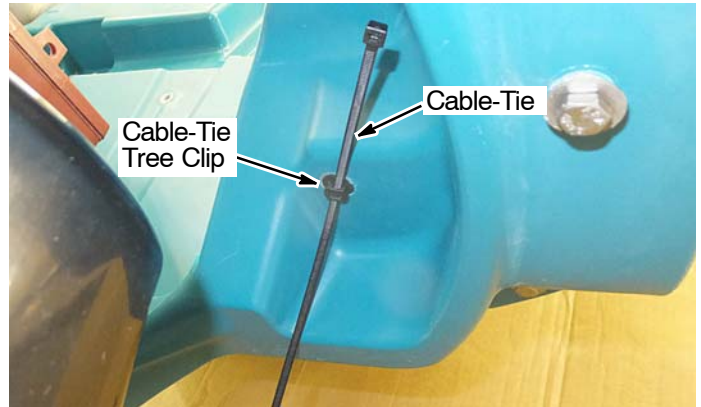
- Carefully apply heat to all four butt-splice insulators to seal wire connections.



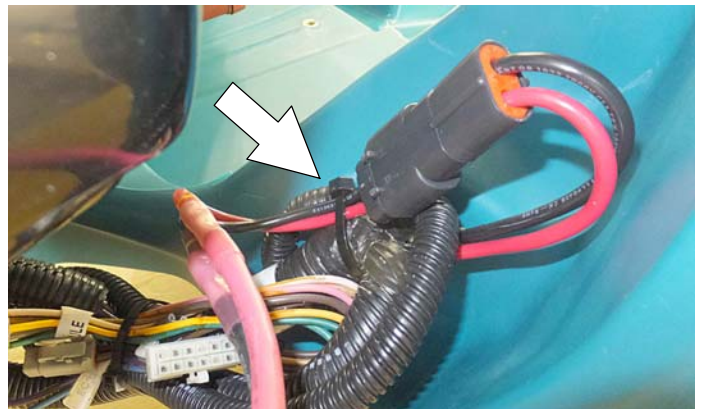
- Connect kit connectors together. Make sure lock tab is engaged.



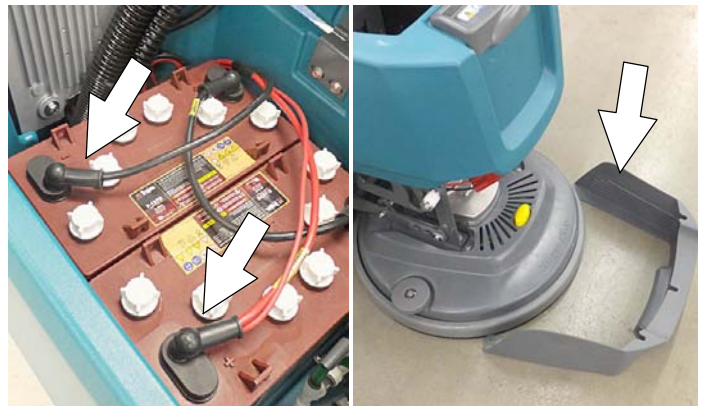
- Insert the new cable-tie into the cable-tie tree clip where original connector was secured.



- Secure the kit brush motor connector and machine harness with cable-tie as shown.



- Replace front shroud and reconnect battery cables.



- Test machine to ensure brush motor is operating.