

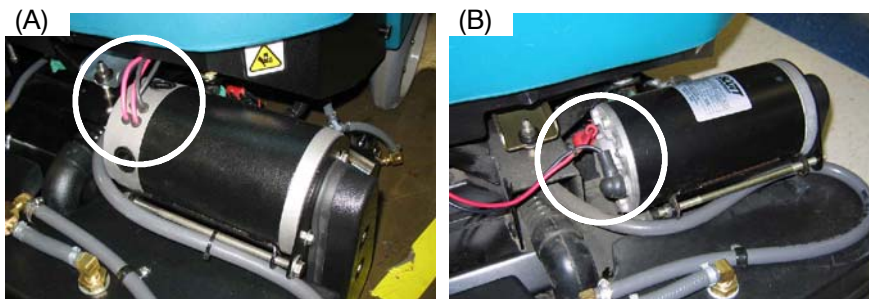
Technical Service Bulletin

MODEL(S) AFFECTED: **1610 ReadySpace® Carpet Cleaner**
Machine serial number range between 10409684-10411496

SUBJECT: Brush motors inadvertently wired incorrectly causing the brushes to rotate in wrong direction. For ReadySpace cleaning, the rollers must rotate in a specific direction for proper performance. See diagram below for correct brush rotation.

PURPOSE: To rework the brush motor wiring for the correct brush rotation, follow the instructions below.

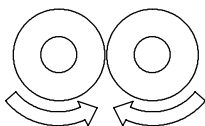
NOTES: For questions, contact the Tennant Customer Service Department at (800) 553-8033 or (763) 513-2850. **Warranty Coverage:** one hour labor and one trip.



Machines that may be affected are equipped with brush motor (A).
Machines equipped with brush motor (B) are not affected.

Rework Instructions:

1. Check brush rotation to verify it's incorrect.
2. Lower scrub head to floor and remove key.
3. Remove the black front shroud from the machine.
4. Cut the wire ties that secure the motor wire connectors in place.
5. Disconnect the motor wire connectors from the machine.
6. Remove the wire retainer clip from the motor wire connectors (Fig. 1).
7. Using a terminal removal tool, (or small jewelers screwdriver), disconnect the red and black wires from the motor connectors as described below:
Slide tool along terminal to disengage from connector body (Fig. 2) and gently pull the terminal from the base of connector.
Carefully reposition the terminal lock tab to the locking position (Fig. 3).
8. Re-insert the black wire into connector terminal "A" and the red wire into connector terminal "B" (Fig. 4). The terminals should click into position.
9. Gently pull on the wires to verify terminals are locked then reinstall the wire retainer clip.
10. Reconnect the motor connectors to the machine and secure the motor connectors with the supplied wire ties.
11. Operate machine to verify rollers are rotating in the correct direction.



Correct Brush Rotation

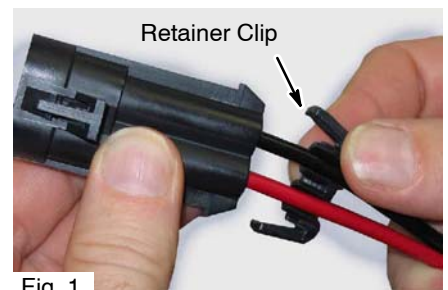


Fig. 1



Fig. 2

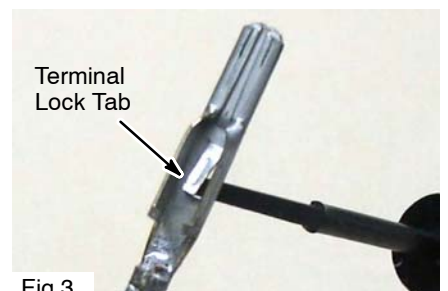


Fig.3

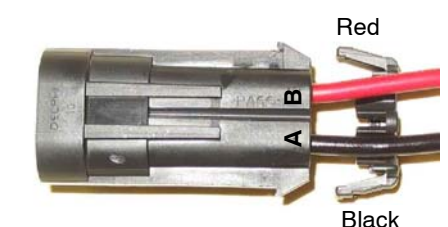


Fig.4