



Brake Jumper Kit / Brake Kit / Gearbox Wheel Brake Kit

Models: T7 / Nobles Speed Scrub Rider



NOTE: These kits are intended for models manufactured before model s/n 10518139 and T7xxx05316. These kits include a jumper harness designed for high flexibility when turning machine. This will reduce the risk of broken brake wires resulting to brake malfunction. Follow the installation instructions as described below.

INSTALLATION INSTRUCTIONS:

Installation Time: 0.5 hours (Kit 9008400), 1.5 hours (Kit 9008897), 2.5 hours (Kit 9009000)

Special Tools Required: Crimping Tool (Packard p/n 12155975), Feeler Gauge.

⚠ FOR SAFETY: Before installing kit, park machine on level surface and disconnect the positive (+) battery cable from batteries.

⚠ FOR SAFETY: When servicing machine, block machine tires before jacking machine up. Jack machine up at designated locations only. Block machine up with jack stands. Use hoist or jack that will support the weight of the machine.

1. Disconnect old wire harness from gearbox and from main harness and dispose.



Dispose old wire harness



NOTE: If installing Jumper Kit (p/n 9008400) or Gearbox/Wheel/ Brake Kit (p/n 9009000) skip to step 4.

2. Cut terminal connectors from new brake and install connectors, supplied with kit, as described below (Kit 9008897).

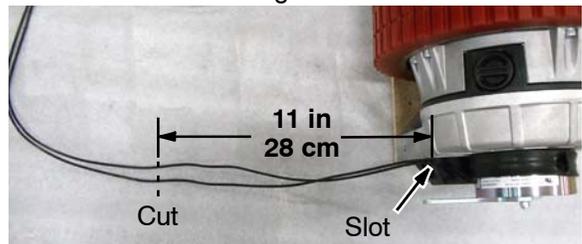


Cut off connectors

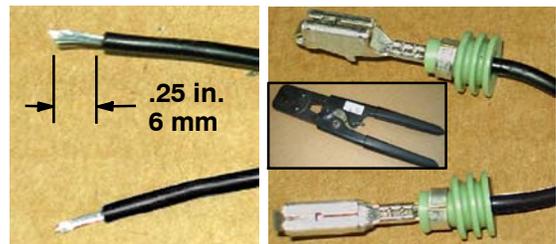
KIT CONTENTS

P/N	DESCRIPTION	Qty.
-	Brake (included in kit 9008897)	1
-	Gearbox Wheel Brake Asm. (included in kit 9009000)	1
1065808	Harness, Motor, Brake	1
1064972	Bracket, Cord	2
33931	Screw, Pan, Phl, M4 x 0.70 x 30, ss	2
140300	Clamp, Cable, Stl, 0.5D (Insulated)	3
78950	Connector, Fem, 2CAV, MP280 sealed	1
78952	Lock, Secondary, M/F 2CAV, MP280 sealed	1
25837	Terminal, Fem 20/22GA	2
25830	Seal, Wire 14GA	2
130773	Tie, Cable, Nyl, 11.0L, .14w	4
130161	Plug, Dust, Brake	1

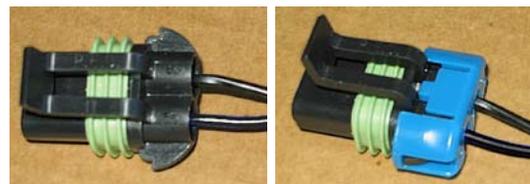
3. Install brake kit on gearbox and route wires through slot located in black terminal housing.
4. Measure brake wires 11in/28cm from slot located in black terminal housing and cut wires as shown.



5. Strip brake wires as shown. Using the Packard crimping tool, install new terminals and seals to wires as shown.

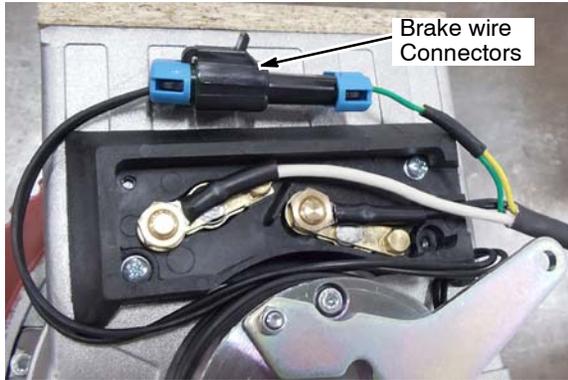


6. Connect brake wires to new connector (non-polarity sensitive). Wire terminals should snap into position. Install secondary lock.

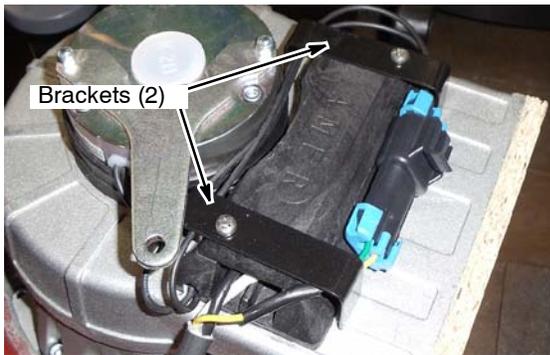


INSTALLATION INSTRUCTIONS - Continued

7. Connect the new jumper harness wires to gearbox terminals and to brake connector. Position the brake wire connectors as shown.



8. Using two retainer brackets, supplied with kit, secure brake wire connectors in place as shown. Use longer screws, supplied with kit, to fasten gearbox cover and retainer brackets.



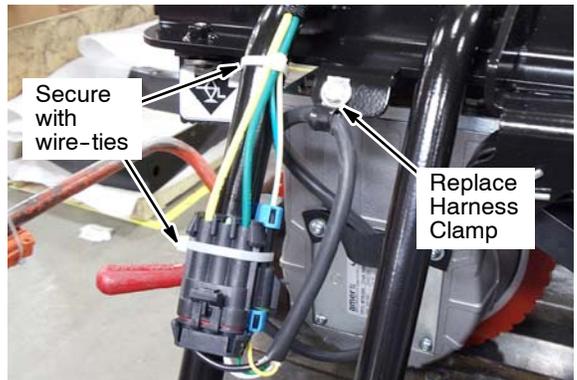
9. Secure jumper harness with smaller harness clamps supplied with kit.



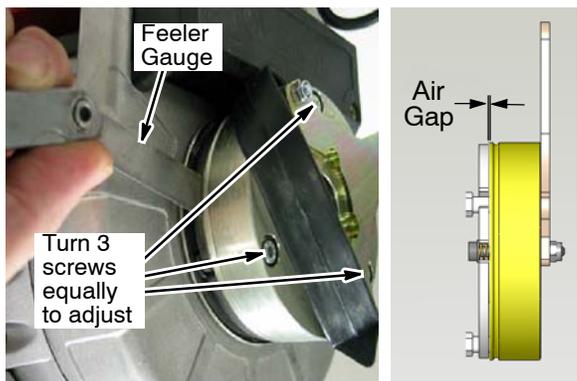
10. Route jumper harness through support strap.



11. Connect jumper harness to the main machine harness and secure connectors to stabilizer bar with wire-ties as shown. Replace existing harness clamp with smaller clamp as shown.



12. Measure the air gap distance on the brake as shown below. The air gap should measure between .012 in / .31mm and .008 in / .20mm. Take measurements from three different locations around brake. Adjust if necessary.



13. Install dust plug on brake, supplied with kit.

