



# WAND PUMP KIT

## INSTALLATION INSTRUCTIONS:

**TOOLS REQUIRED:** 13mm, 19mm, 1.0" Wrench, Standard and Phillips Screwdriver

### #609099 KIT CONTENTS

P/N	Description	Qty.	P/N	Description	Qty.	P/N	Description	Qty.
630419	Switch, Rocker 24VDC	1	150300	Connector, Anchor 1/4	1	606104	Bracket, Wand Pump	1
578720	Splashguard, Rocker Switch	1	150516	Fitting, 1/4Mx3/8H Barb	1	630251	Fitting, Elbow 90 .75	1
606735	Wire Harness, Wand Pump	1	25160	Hose, 3/8IDx5/8OD	15"	630252	Fitting, 3/4Mx3/8F Bushing	1
607700	Wire Asm., #10R 1/4M	1	140310	Clamp, Hose	4	150538	Fitting, 3/8Mx3/8H Barb	2
608292	Quick Coupler, F3/8x1/4	1	630136	Pump, 24VDC	1	25160	Hose, 3/8IDx5/8OD	11"
150302	Fitting, 1/4Fx1/4F Coupling	1	605064	Cap, Vinyl Black Pump	1			
579214	Fitting, 1/4x2-1/2 Nipple	1	130041	Wire Tie, Nylon	1			

1. Drain tanks, remove batteries and carefully lay machine on left side.
2. Locate wires #29 black and #56 brown. The wires are taped to the outside of the wire harness loom located near the wand pump mounting area, remove tape (Fig. 1).
3. Before installing pump assembly, connect 15 inch (38 cm) solution hose to pump and 11 inch (28 cm) hose to nylon hose barb, use hose clamps provided (Fig. 1).
4. Loosen machine frame bolt and mount pump assembly as shown, retighten bolt. Route hoses under transaxle (Fig. 1).
5. Connect wire #56 brown to positive (+) terminal on pump and wire #29 black to negative (-) terminal. Install rubber cap on pump and secure with wire tie (Fig. 1)
6. Remove plug from brass T-fitting, located near solution filter, and replace with nylon hose barb provided, use pipe tape. Connect 11 inch (28 cm) solution hose to hose barb, secure with clamp (Fig. 2)
7. Install hose coupler assembly to frame as shown. Connect 15 inch (38 cm) solution hose to hose barb, use hose clamp provided (Fig. 3)

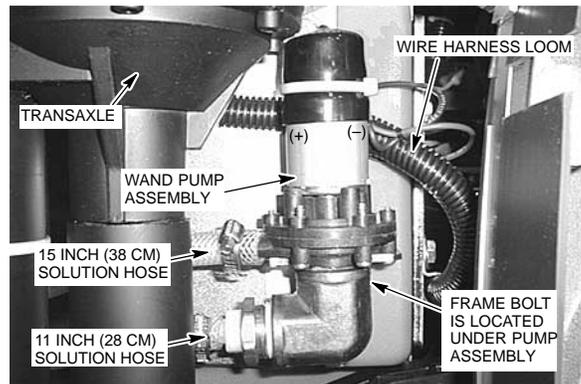


Fig. 1

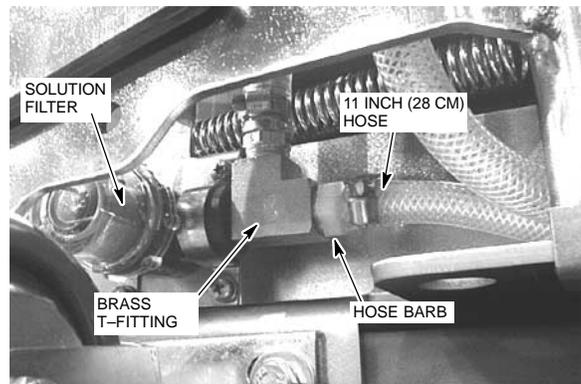


Fig. 2

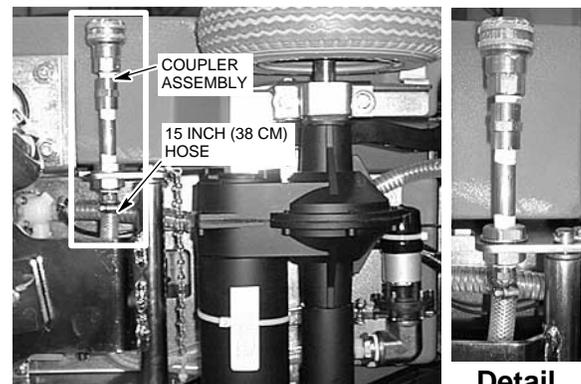


Fig. 3

Detail

## INSTALLATION INSTRUCTIONS: – continued

8. Remove accessory console from main control console. Do not disconnect any wiring. Remove switch plug and install wand pump switch as shown (Fig. 4)
9. Locate pump accessory wires #56 brown and #31 black as shown (Fig. 5). The wires have black tape covering the terminals. Remove tape from terminals. *NOTE: If machine is equipped with ES™ option, wire #31 black will be connected to the negative standoff stud inside the accessory console, DO NOT disconnect.*
10. Connect wires to accessory console as illustrated (Fig. 6). Wire assemblies #79 black, #84 green and black jumper are supplied with kit. *NOTE: Black jumper wire from kit is not required if machine is equipped with ES™ option.*
11. Replace accessory console.

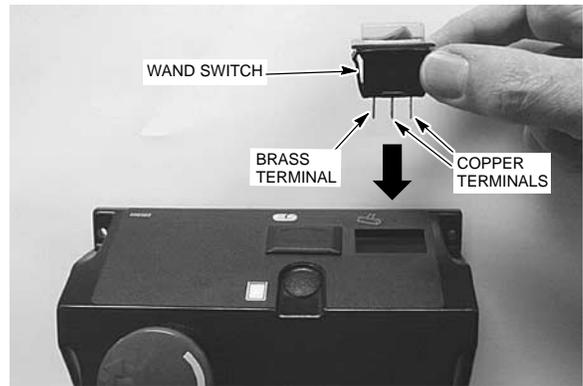


Fig. 4

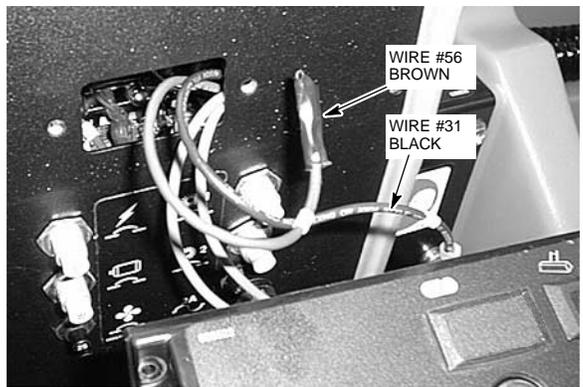


Fig. 5

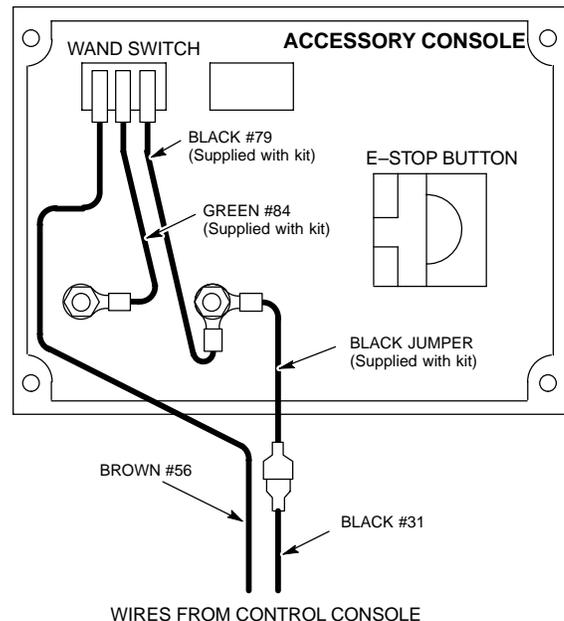


Fig. 6