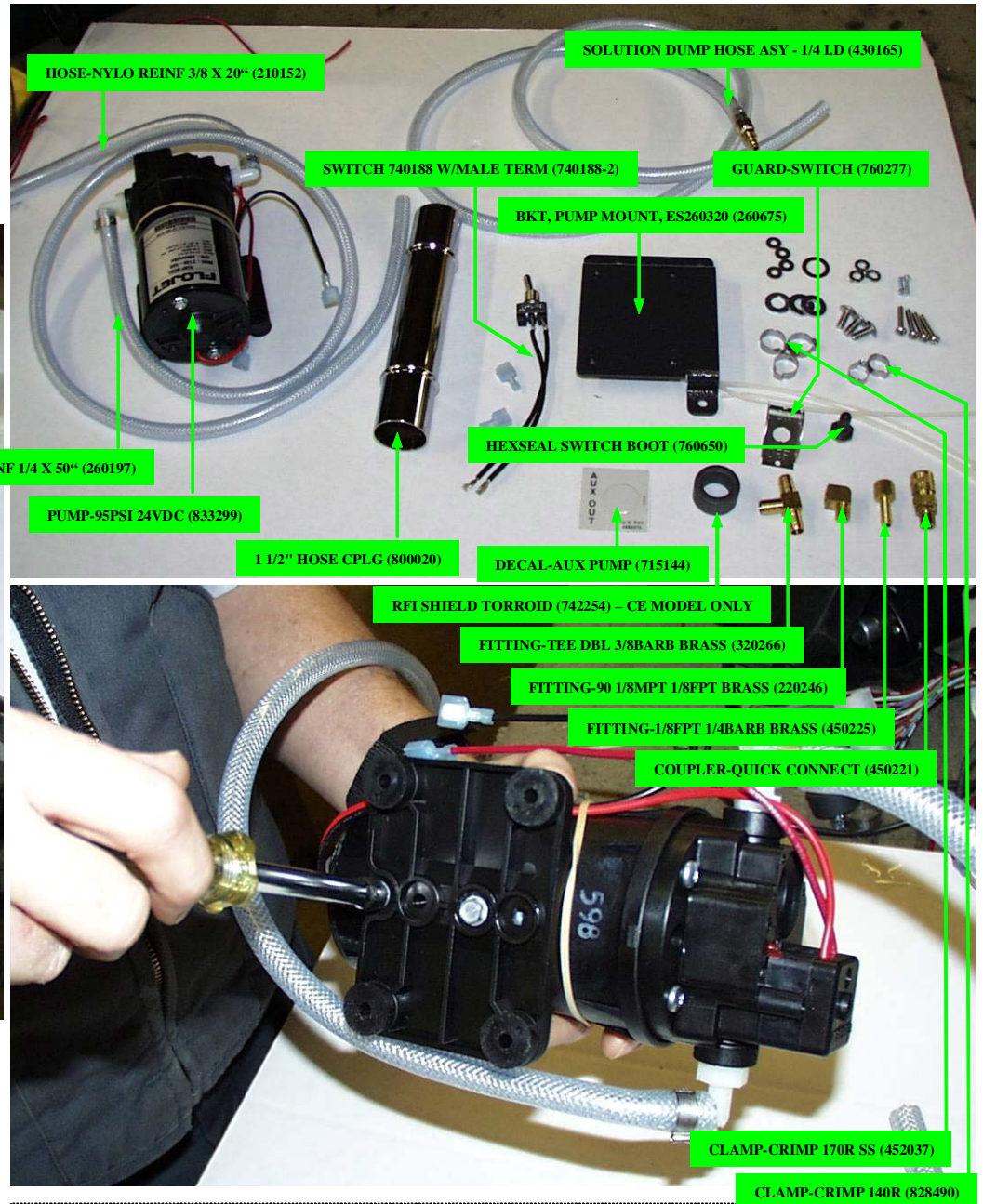

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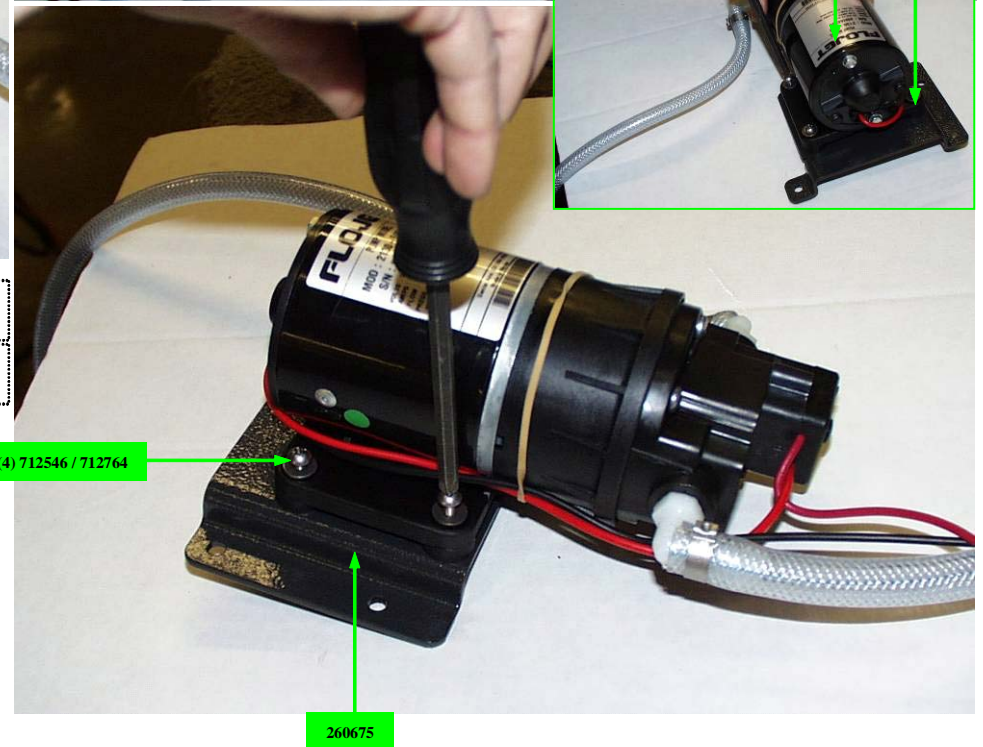
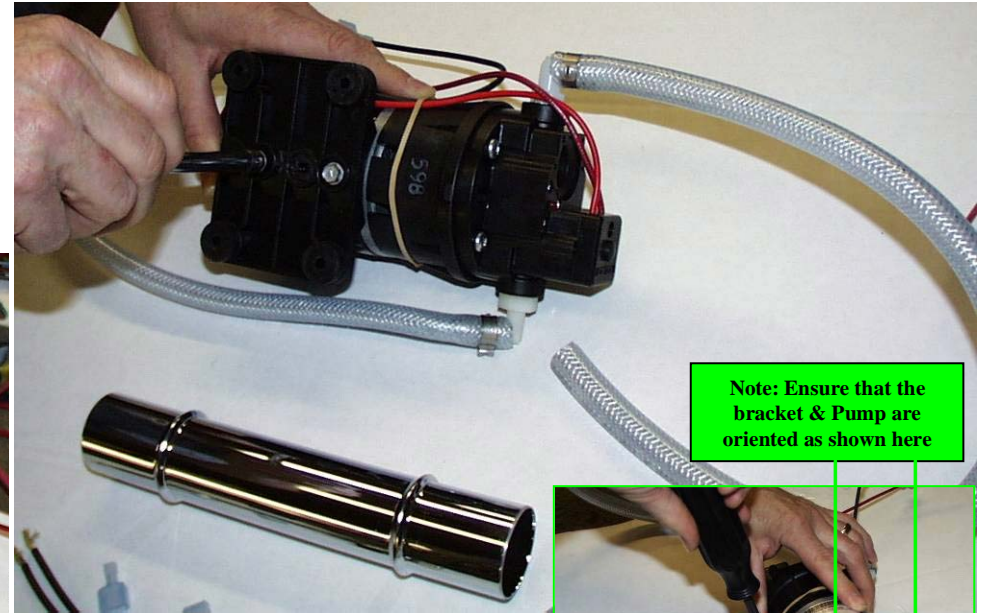
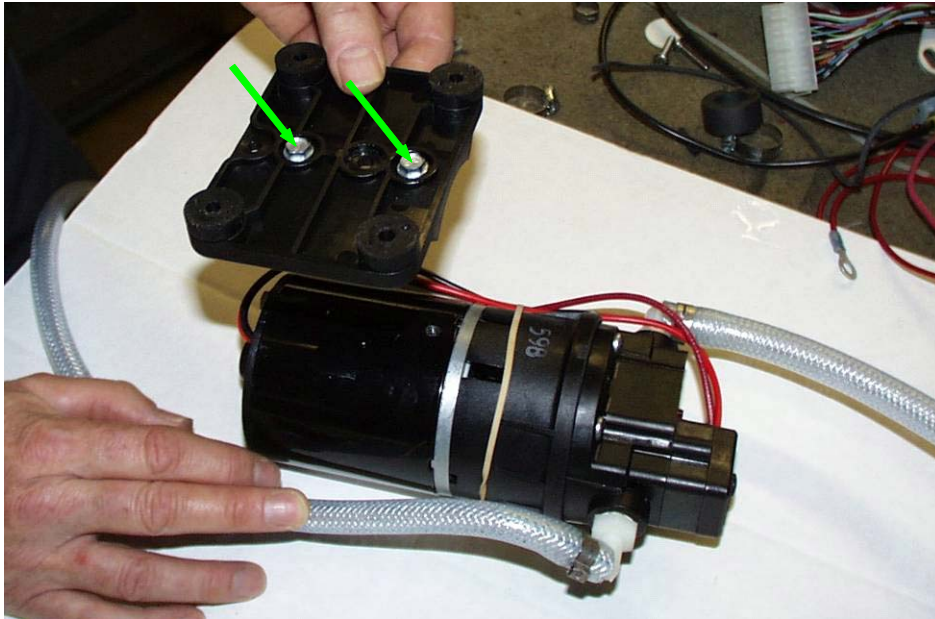


INSTRUCTIONS
320640 - PUMP CONVERSION KIT
E260TD/E320



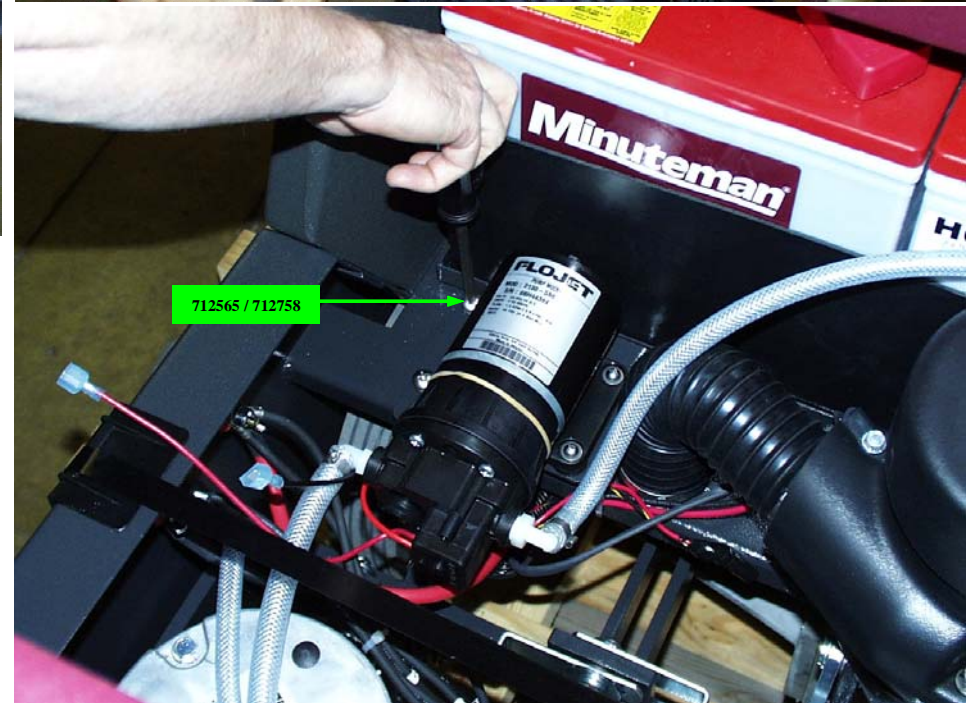
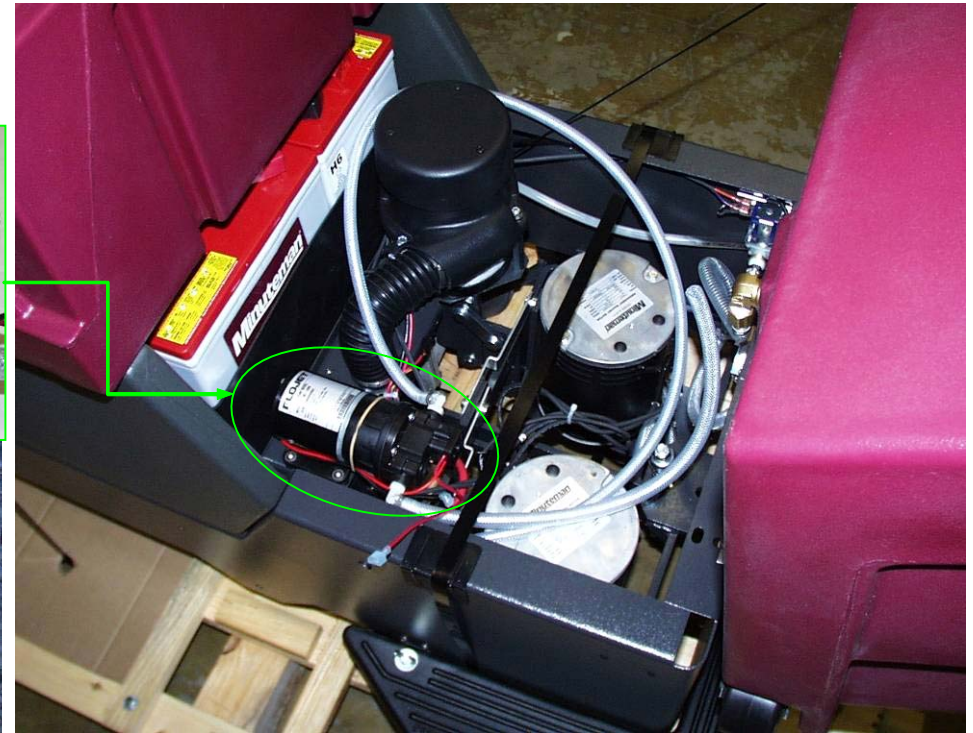
Open the PUMP, CONV KIT E260TD/E320 (**320640**) carton & remove the components. Ensure that you have all of the components shown in the photo above/right – including the hardware. Remove the existing PUMP PLATFORM from the PUMP-95PSI 24VDC (**833299**) by removing the (2) SCREWS that secure it to the bottom of the PUMP.

- Parts: (1) 320640 PUMP, CONV KIT E260TD/E320
- Tools: 3/16" Nut Driver



Parts:	260675 / (4) 712546 / (4) 712764
Tools:	3/16" Nut Driver

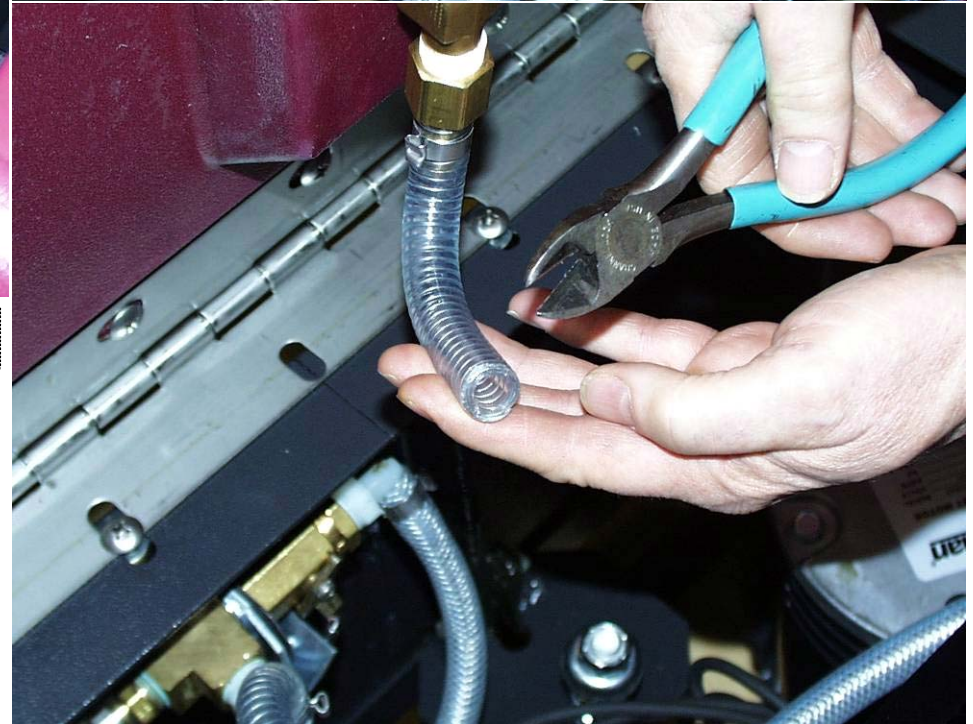
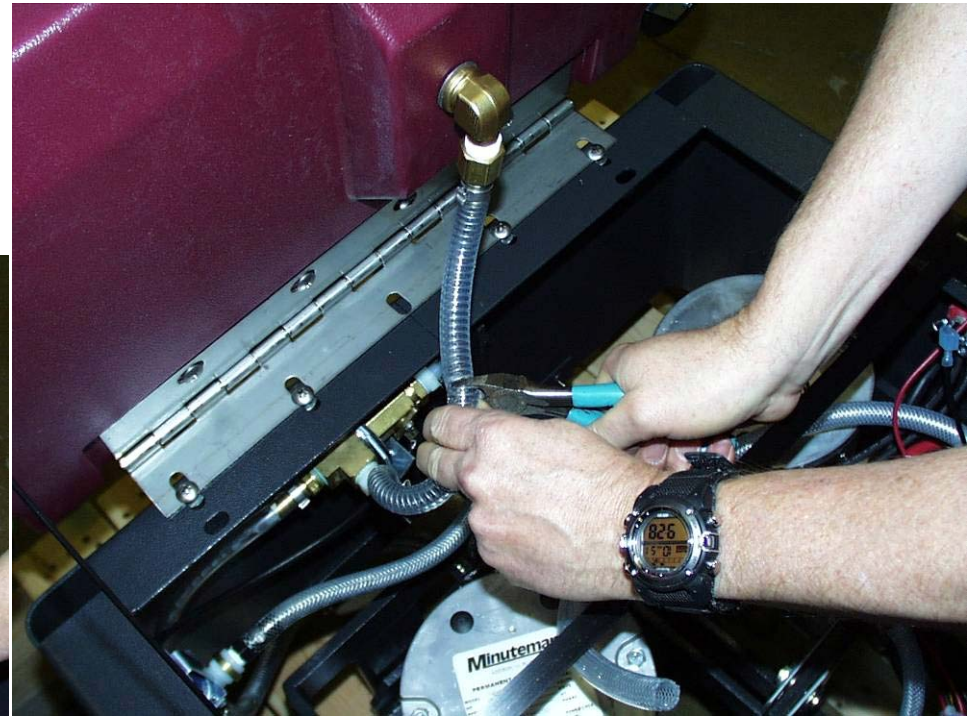
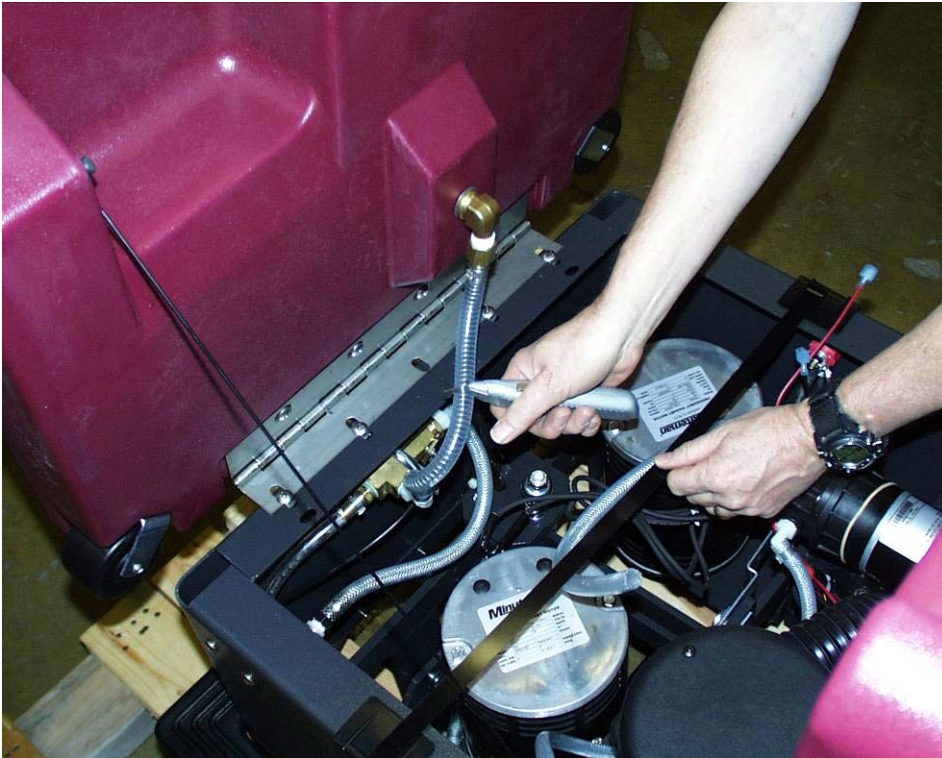
Replace the SCREWS – but place them in the set of holes that were not used initially – moving them forward one hole each. Thread the SCREWS back into the bottom of the PUMP & tighten. Next, mount the PUMP w/ PLATFORM to the BKT, PUMP MOUNT, ES260320 (**260675**) with (4) SCRS-MC, PAN HD PHILLIPS DRIVE, 10-32 X 1.00, SS (**712546**) & (4) WSRS #10 SS (**712764**).



Parts: ES260320 / (3) 712565 / (3) 712758

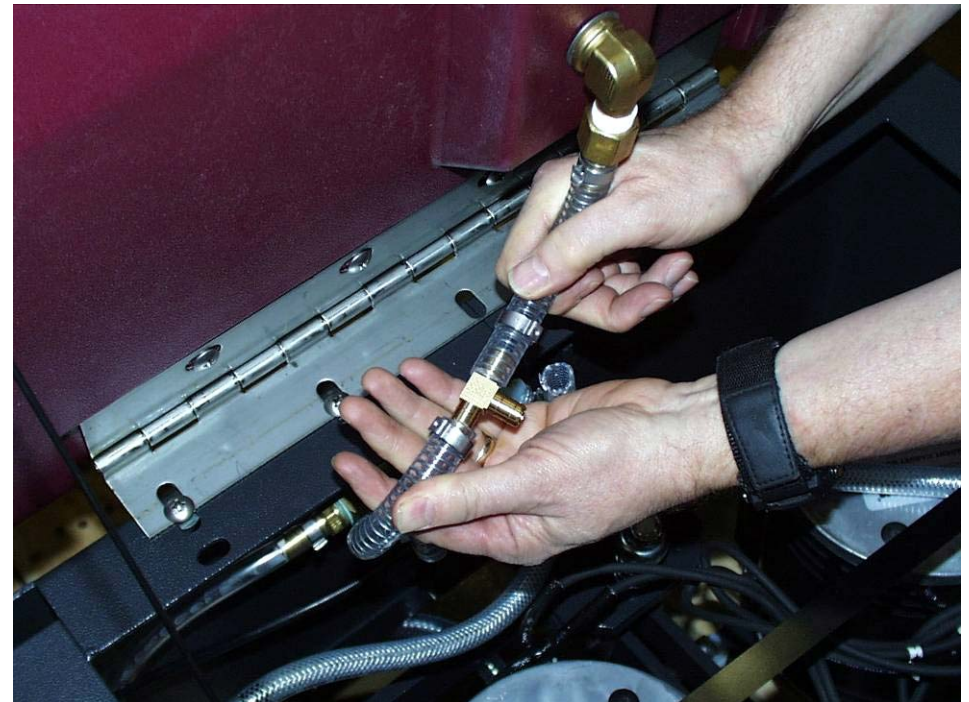
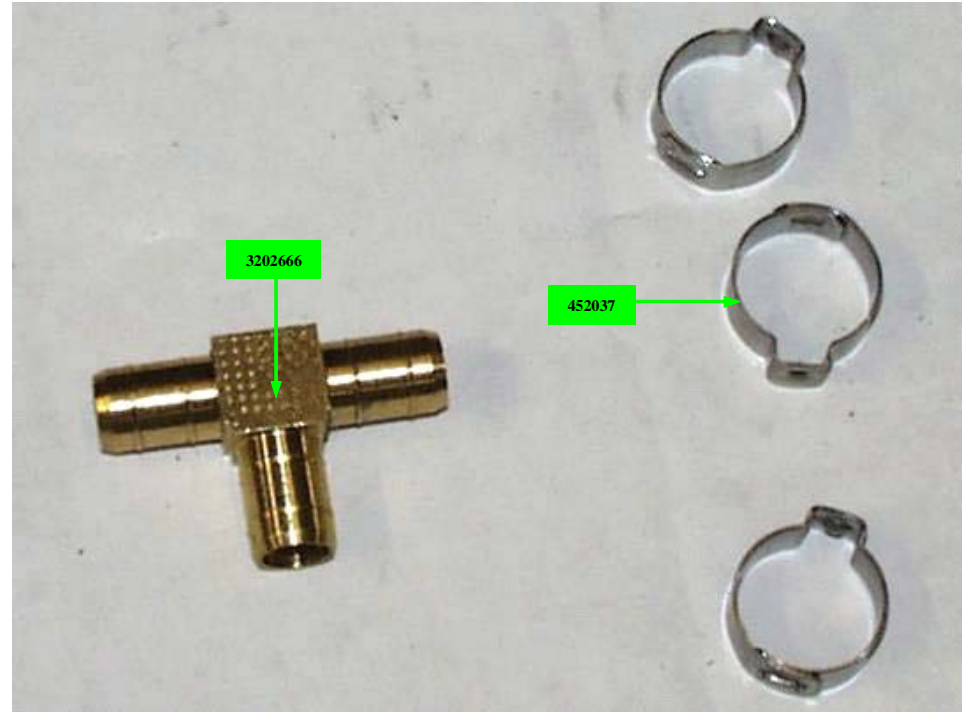
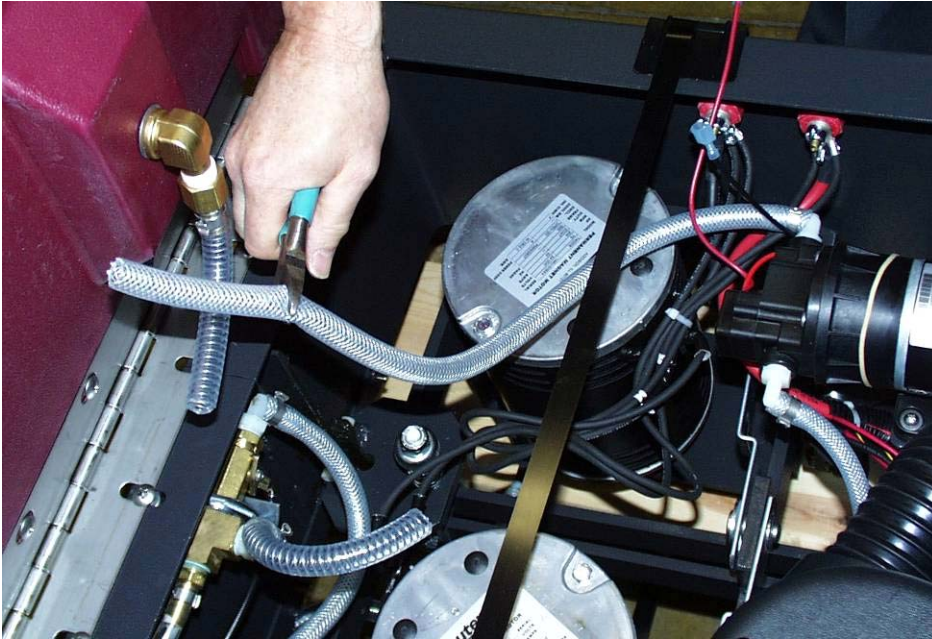
Tools: Phillips Screwdriver

Position the ES260320 SCRUBBER as shown & tilt the Recovery Tank forward. Get the pre-assembled PUMP-95PSI 24VDC w/ platform & mount the PUMP-95PSI 24VDC w/ BKT, PUMP MOUNT, ES260320 to the SCRUBBER'S MAINFRAME where shown with (3) SCR-MC 1/4-20 X .62 SS (712565) & WSR-HELICAL 1/4 SS (712758). **NOTE: Disconnect Batteries before procedure.**



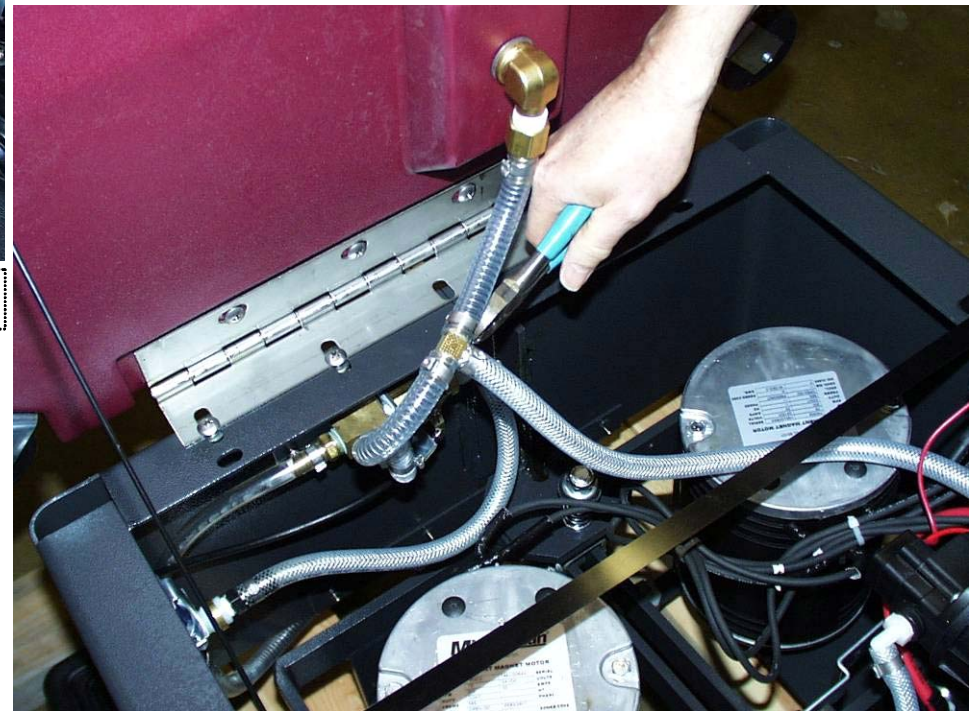
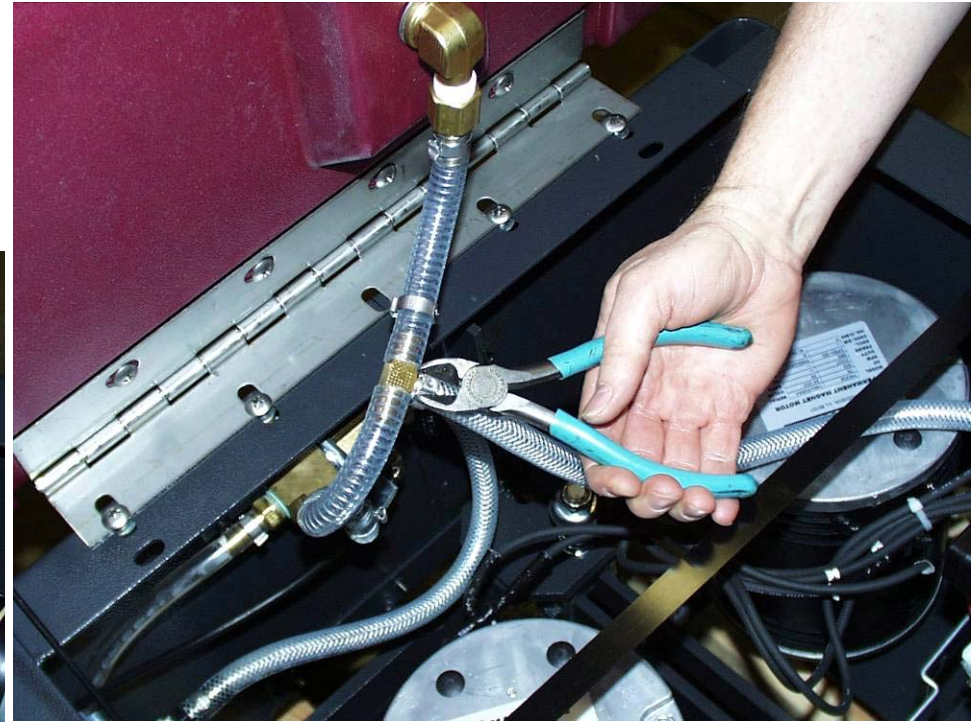
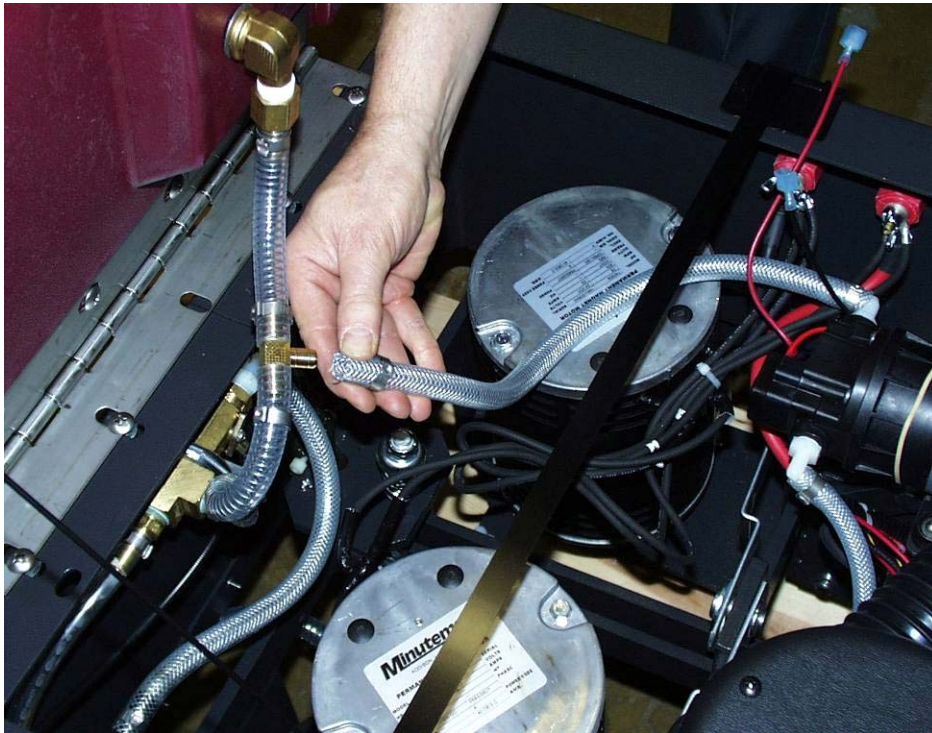
Tools: Utility Knife / Side Cutters / File

Cut the Hose that currently leads from the bottom of the Recovery Tank to the solution valve where shown. Cut the wire inside the hose. File down any sharp edges on the end of the wire.



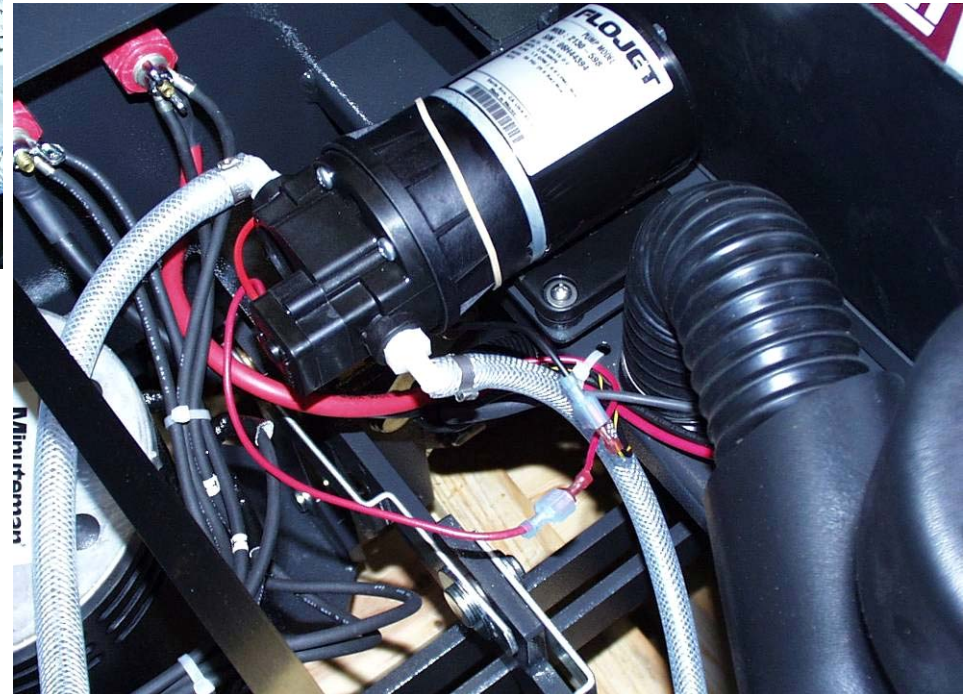
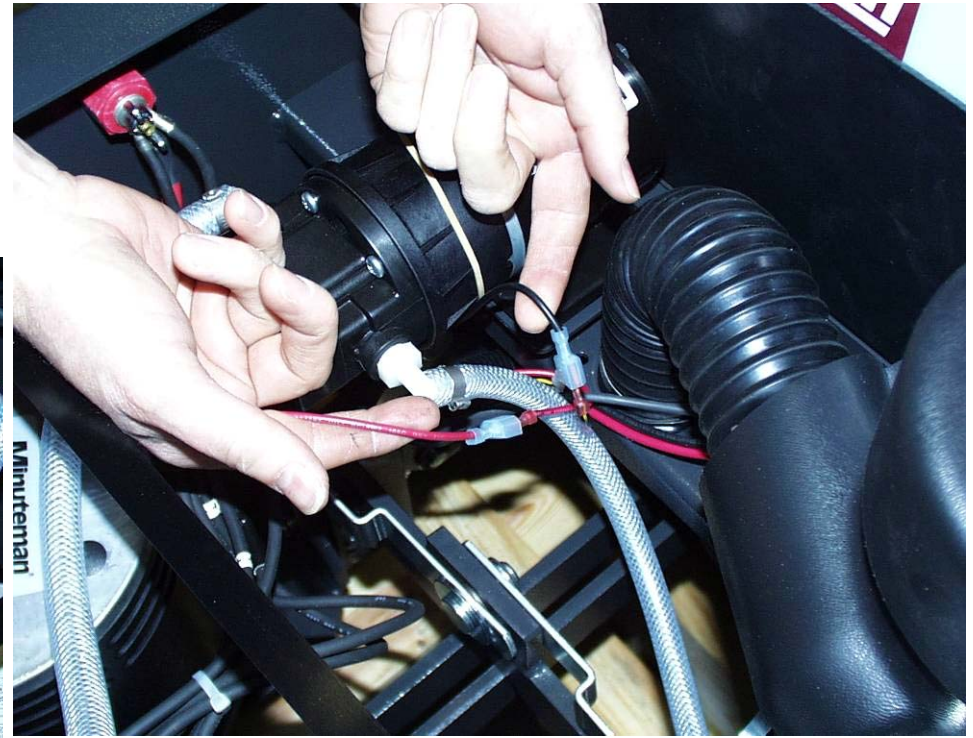
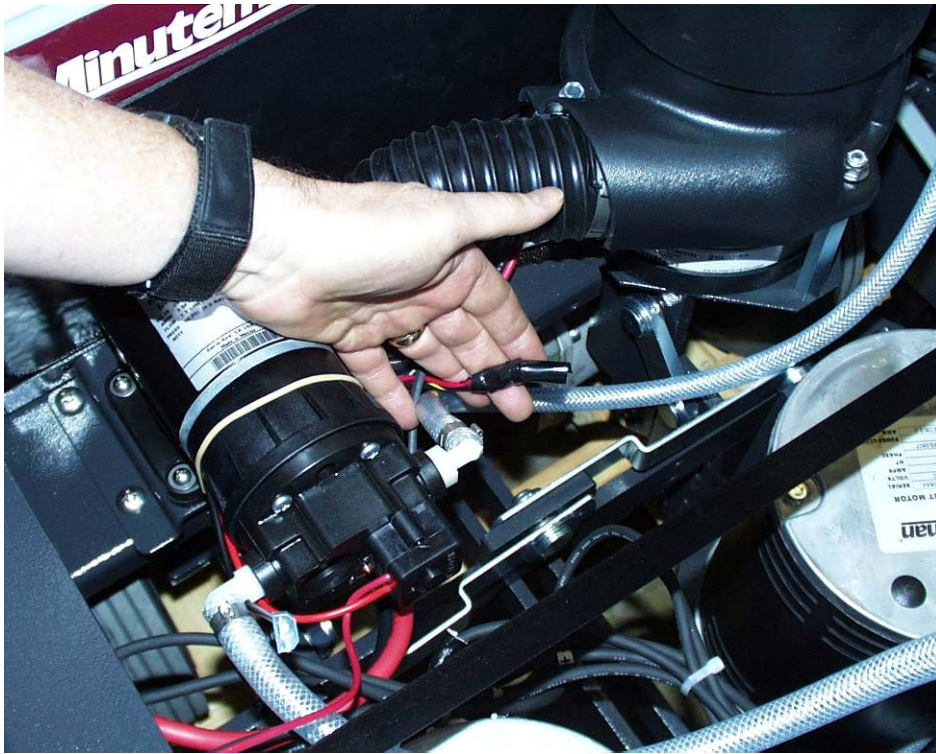
Parts: 320266 / (3) 452037

Measure the length required from the HOSE-NYLO REINF 3/8 X 20" (**210152**) – currently attached to the INLET side of the PUMP-95PSI 24VDC – to the center of the hose just cut – & cut it to length where shown. Get the FITTING-TEE DBL 3/8BARB BRASS (**320266**) & (3) CLAMPS-CRIMP 170R SS (**452037**). Install the **320266** FITTING-TEE DBL 3/8BARB BRASS in between the sections of HOSE leading from the RECOVERY TANK & the SOLUTION VALVE, as shown. Place a **452037** CRIMP CLAMP on each end of the HOSE first before forcing each end onto the FITTING.

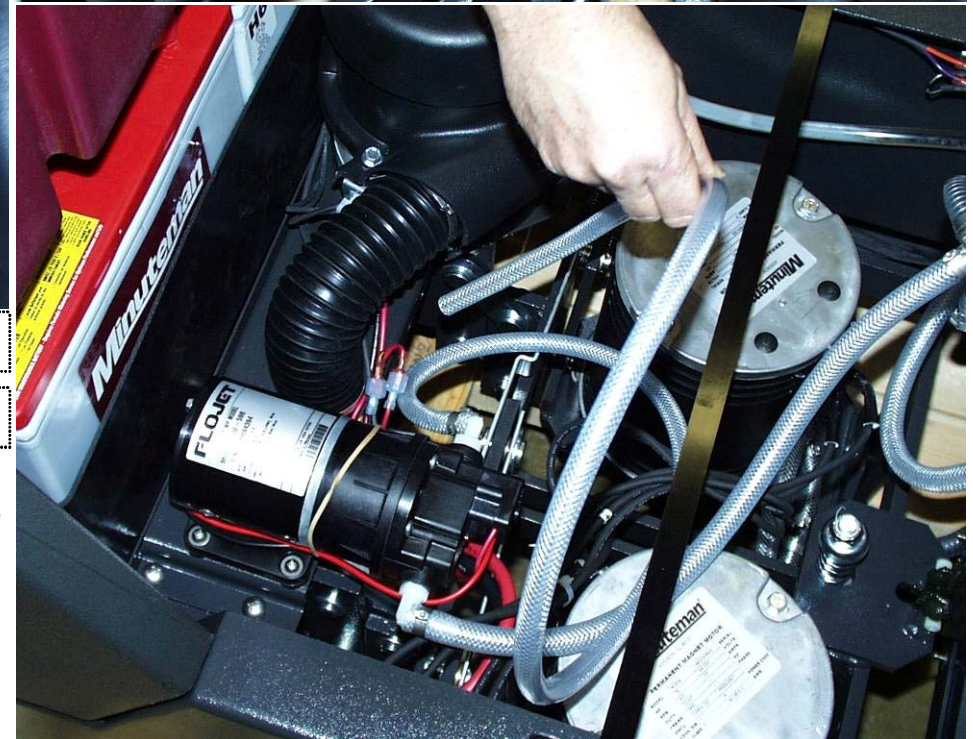
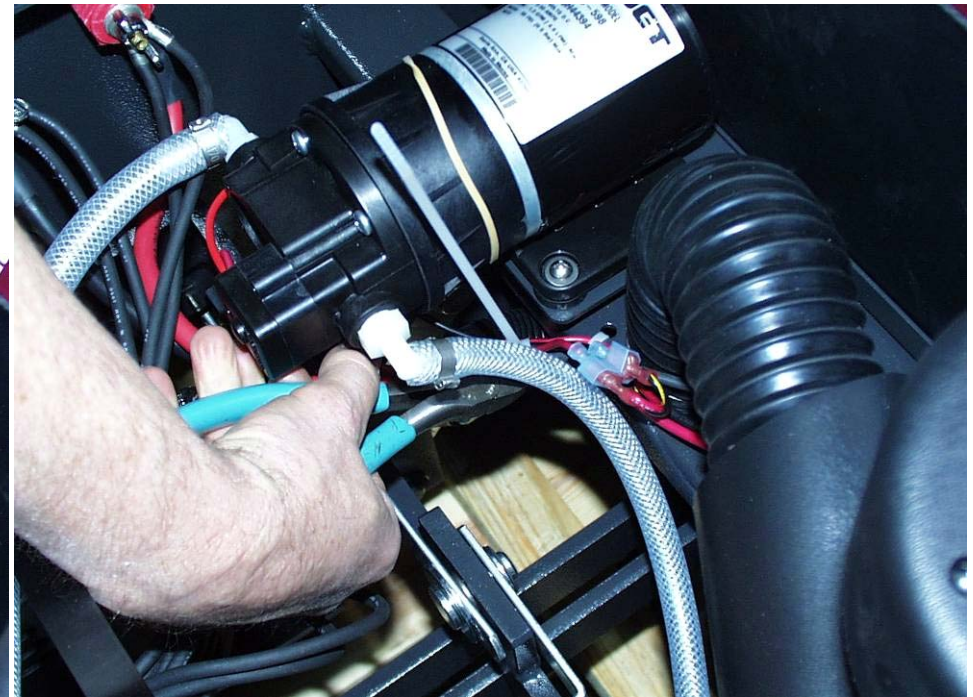
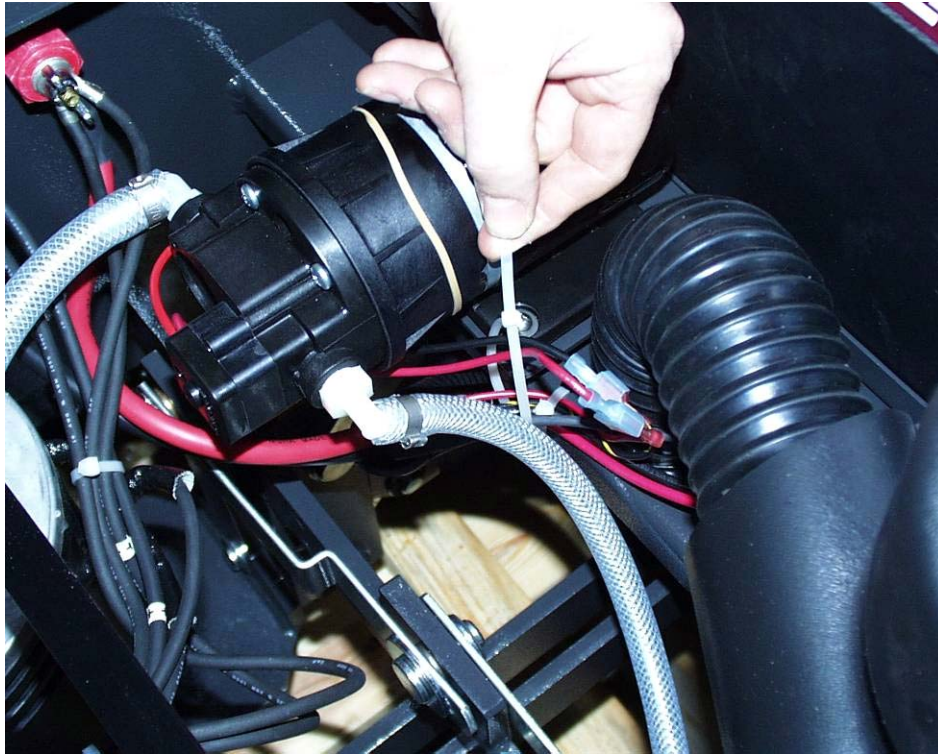


Tools: Side Cutters / Oetkier Crimping Tool

Connect the HOSE-NYLO REINF 3/8 X 20" (**210152**) – currently attached to the INLET side of the PUMP-95PSI 24VDC (previously cut to length) – to the center fitting of the FITTING-TEE DBL 3/8BARB BRASS. Place a **452037** CRIMP CLAMP on the end of the HOSE first before forcing it onto the FITTING, as shown.



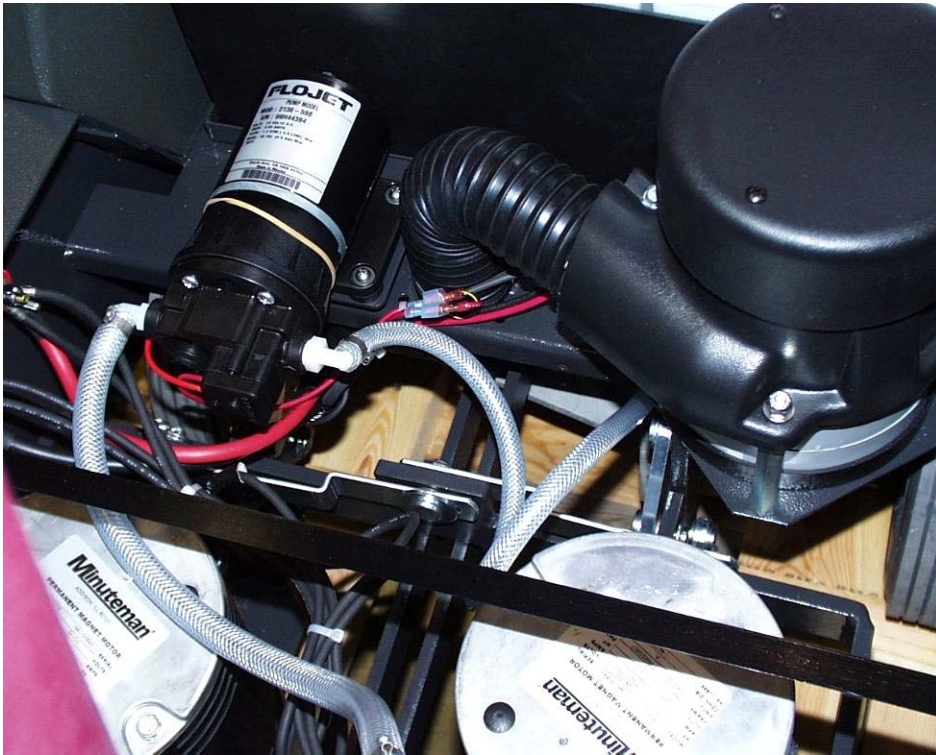
Locate the RED & YELLOW/BLACK WIRES from the ES260320 BASE WIRE HARNESS – currently taped with black electrical tape & connect these wires to the BLACK & RED WIRES from the PUMP- 95PSI 24VDC – RED TO RED – & YELLOW/BLACK TO BLACK



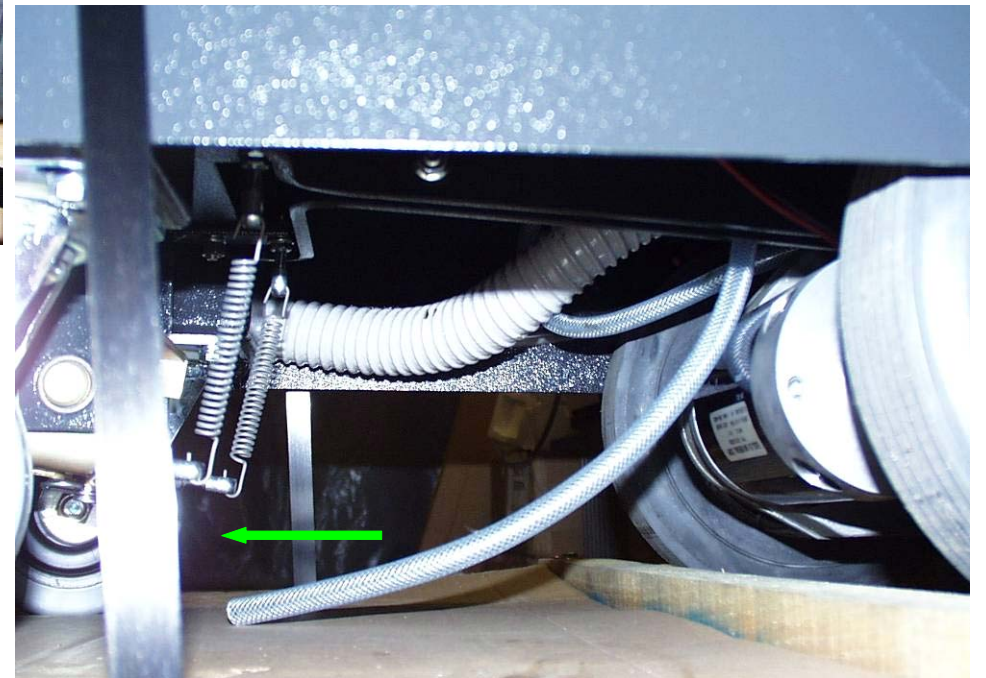
Parts: 828062

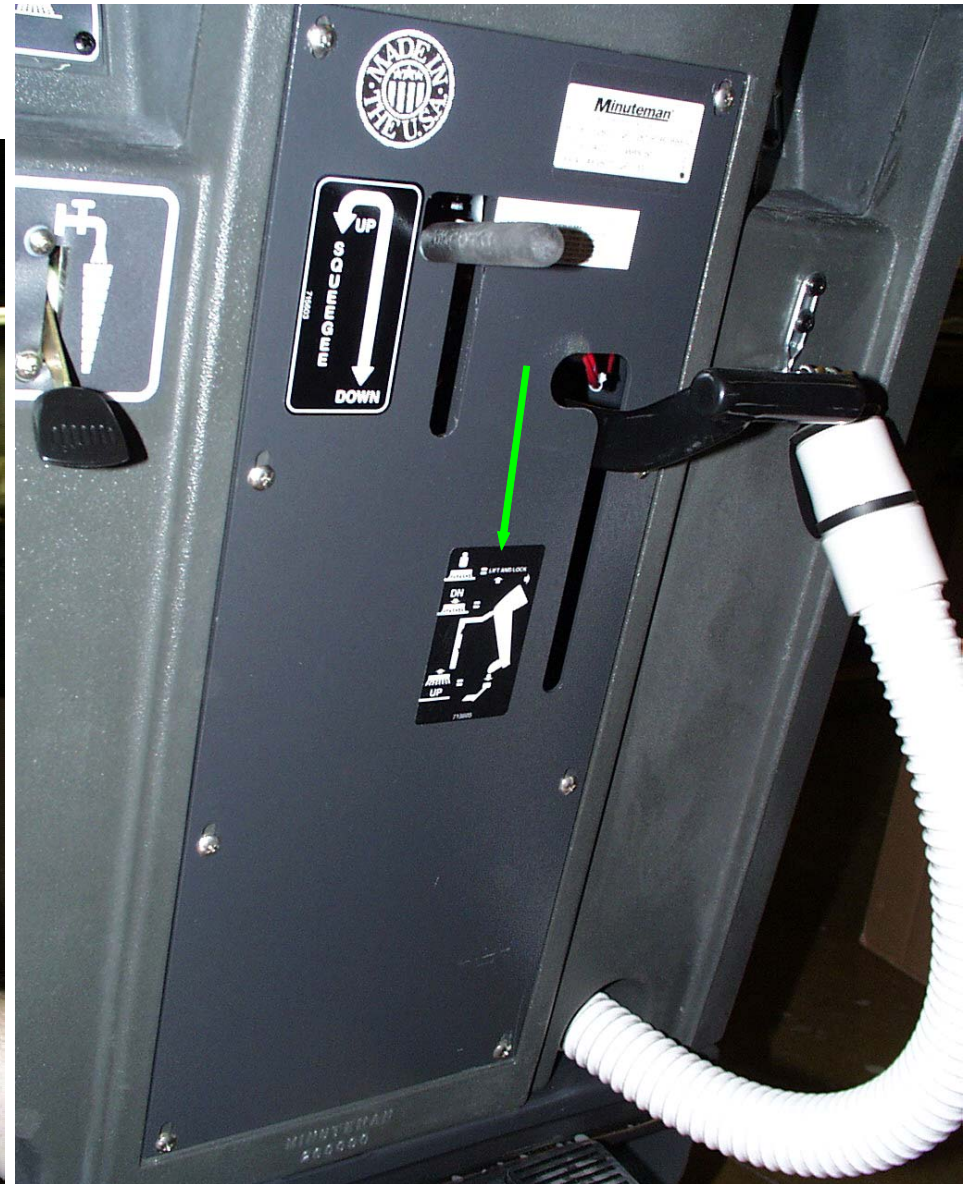
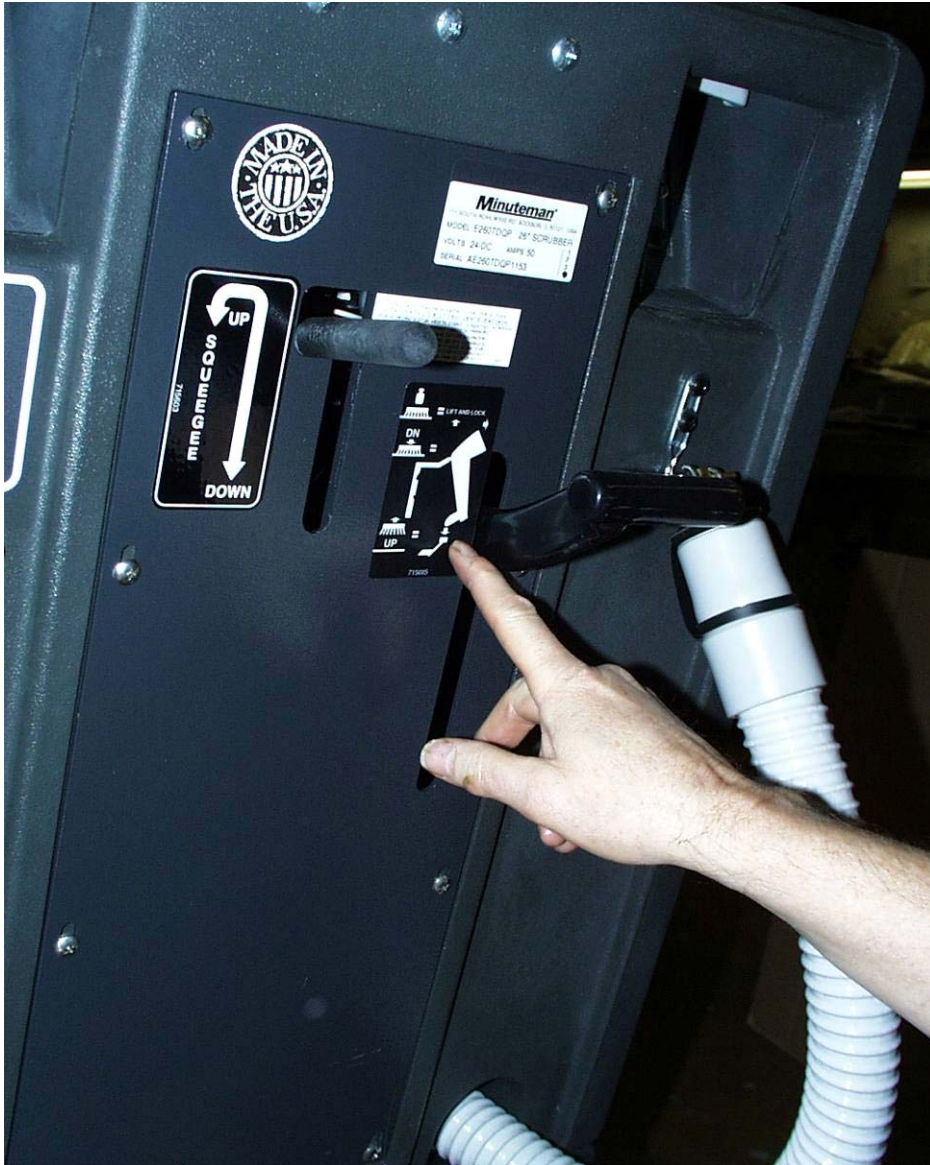
Tools: Side Cutters

Wrap the wires shown with a CABLE TIE LARGE (828062). Cut the excess cable tie. Next, route the 260197 HOSE-NYLO REINF 1/4 X 50" –currently attached to the OUTLET side of the PUMP-95PSI 24VDC – as shown...



...& route the **260197 HOSE-NYLO REINF 1/4 X 50"** down below the VAC MOTOR & over the TRANSAXLE as shown...
...& toward the back of the machine...





Relocate the BRUSH LIFT DECAL ~ 4" below where it is currently on the back panel.

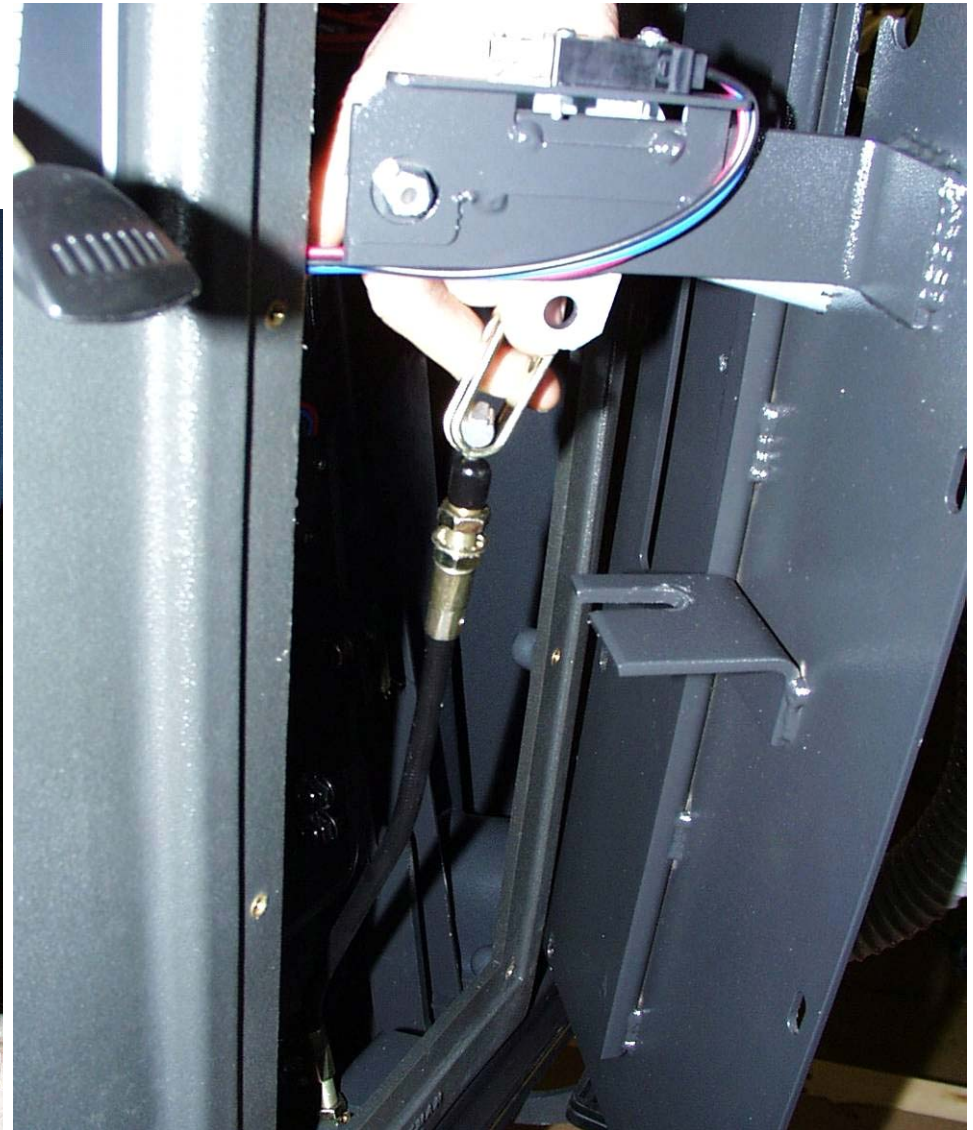
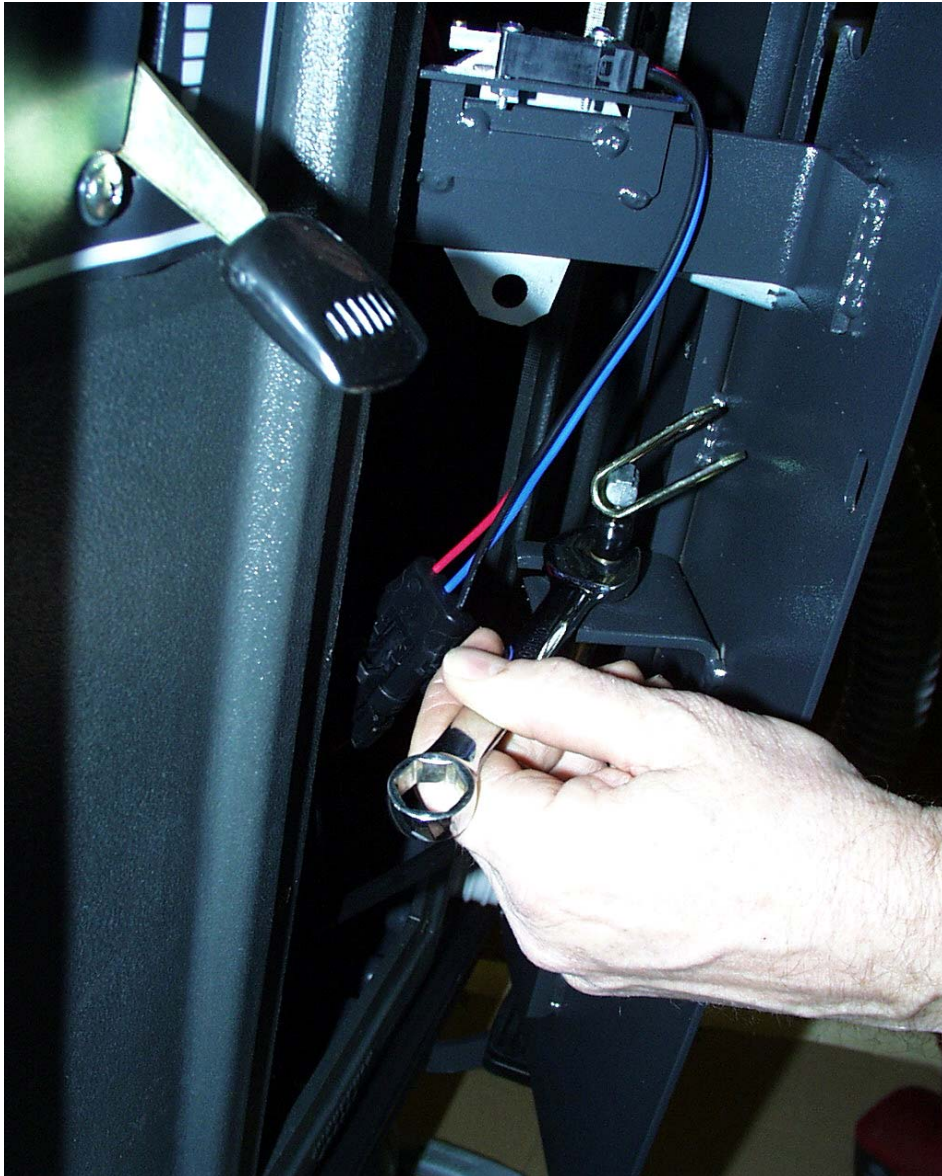


Tools: Drill w/ P2 Bit

Lower the SQUEEGEE LEVER to the DOWN position. Remove the hardware that secures the back panel to the CONSOLE. Set the hardware aside to use later.

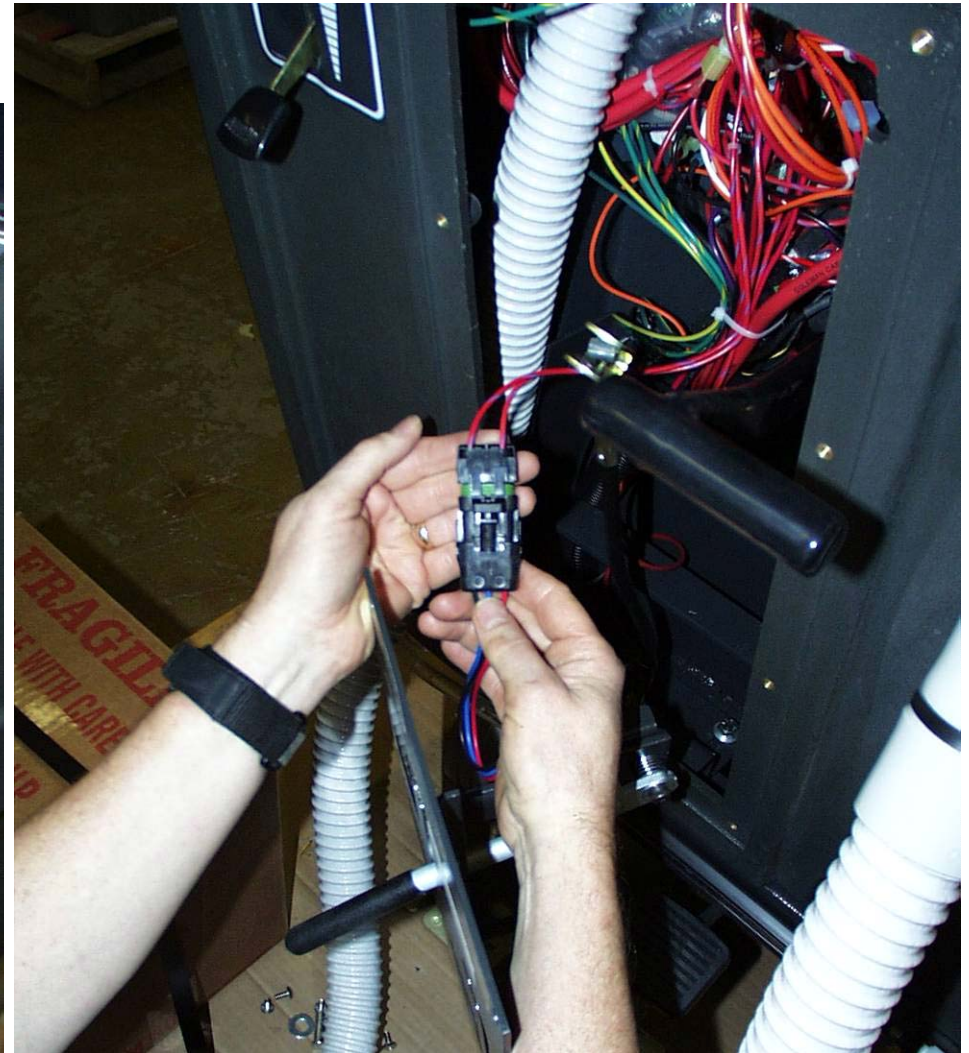
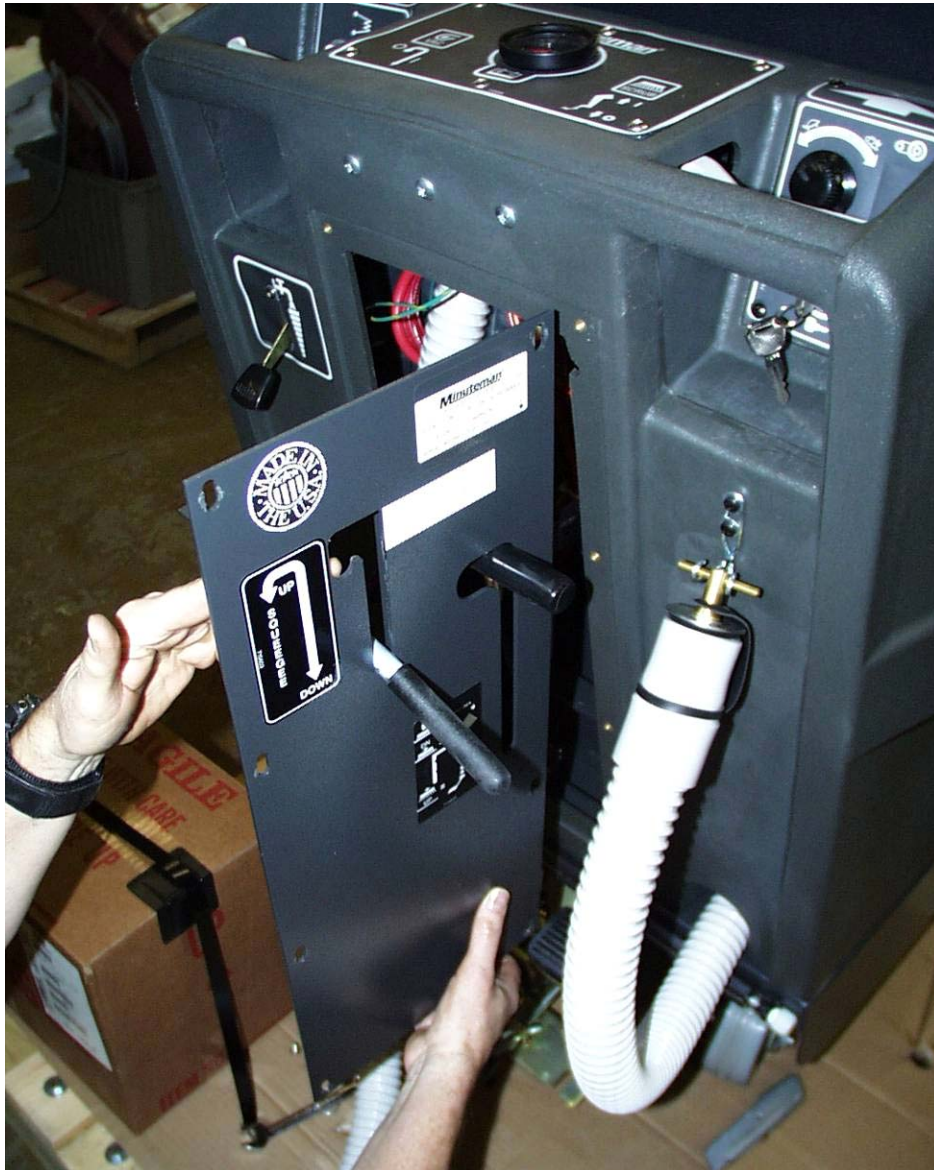


Pull the back panel away from the Console & pull the Cotter pin (shown) out that secures the Squeegee Lift Cable Assembly to the SQUEEGEE LEVER. Also, remove the Washer. Then pull the clevis pin out that secures the Squeegee Cable Asy to the SQUEEGEE LEVER.

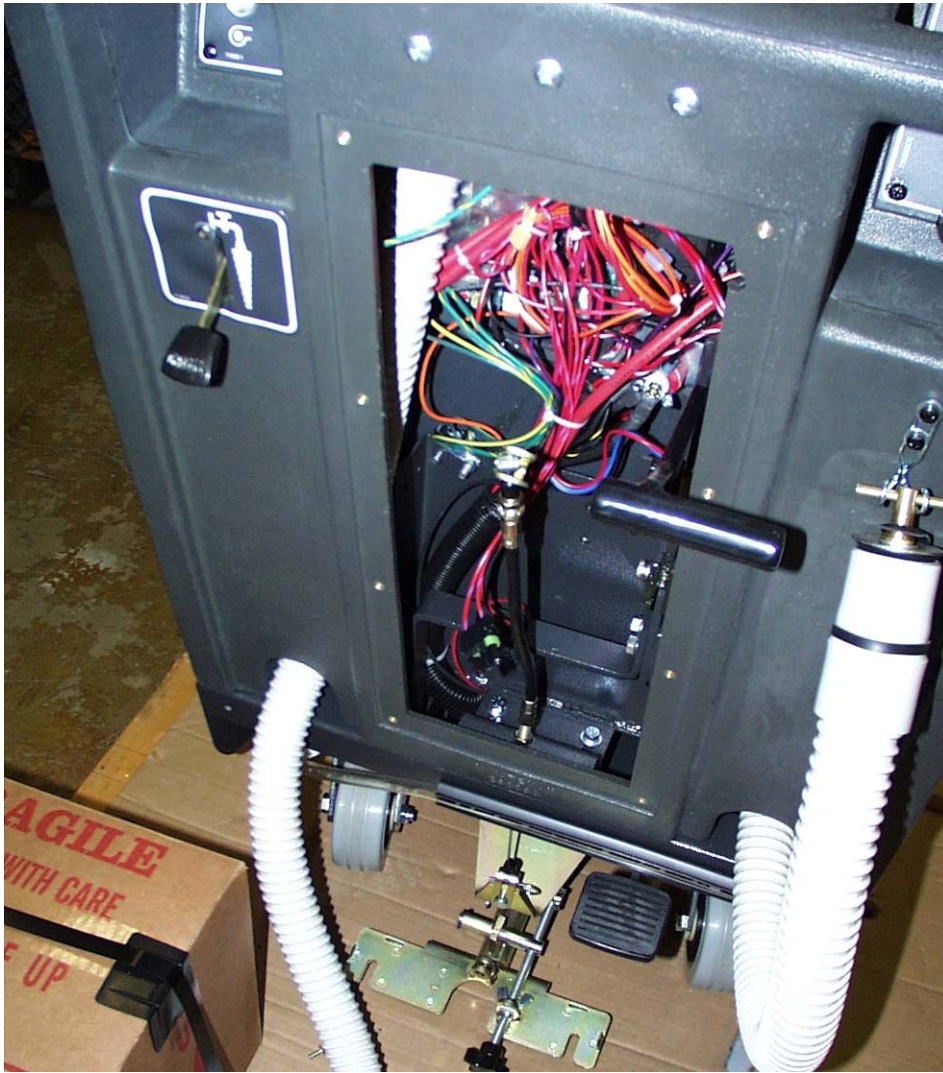


Tools: 9/16" Wrench

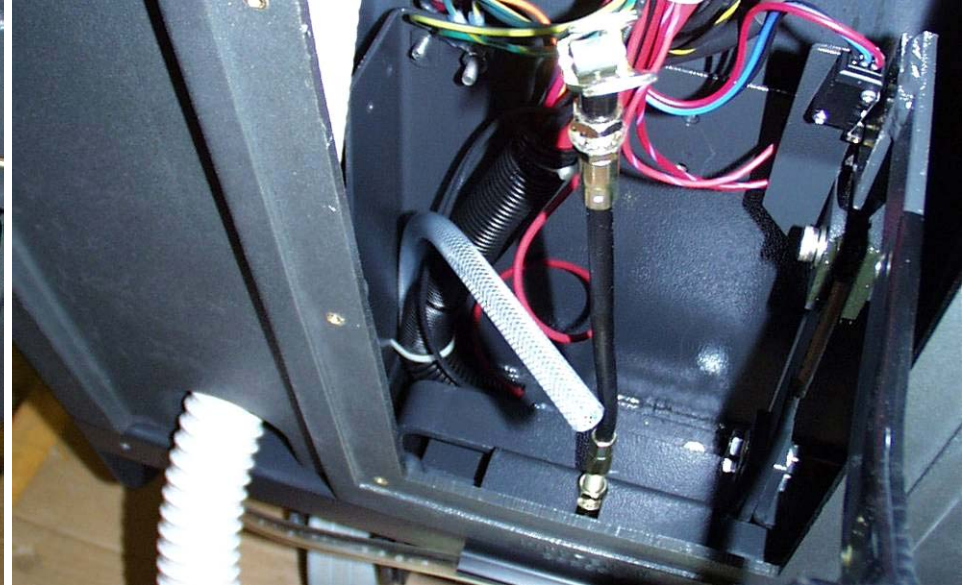
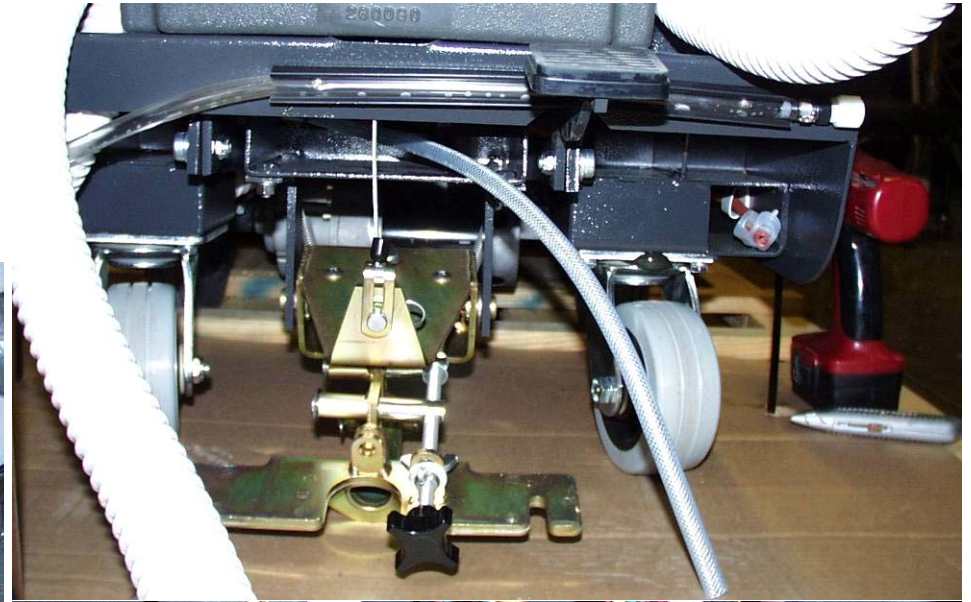
Loosen the nut that secures the Squeegee Lift Cable Assembly to the bracket welded to the interior surface of the back panel, as shown & remove the Lift Cable from the bracket.



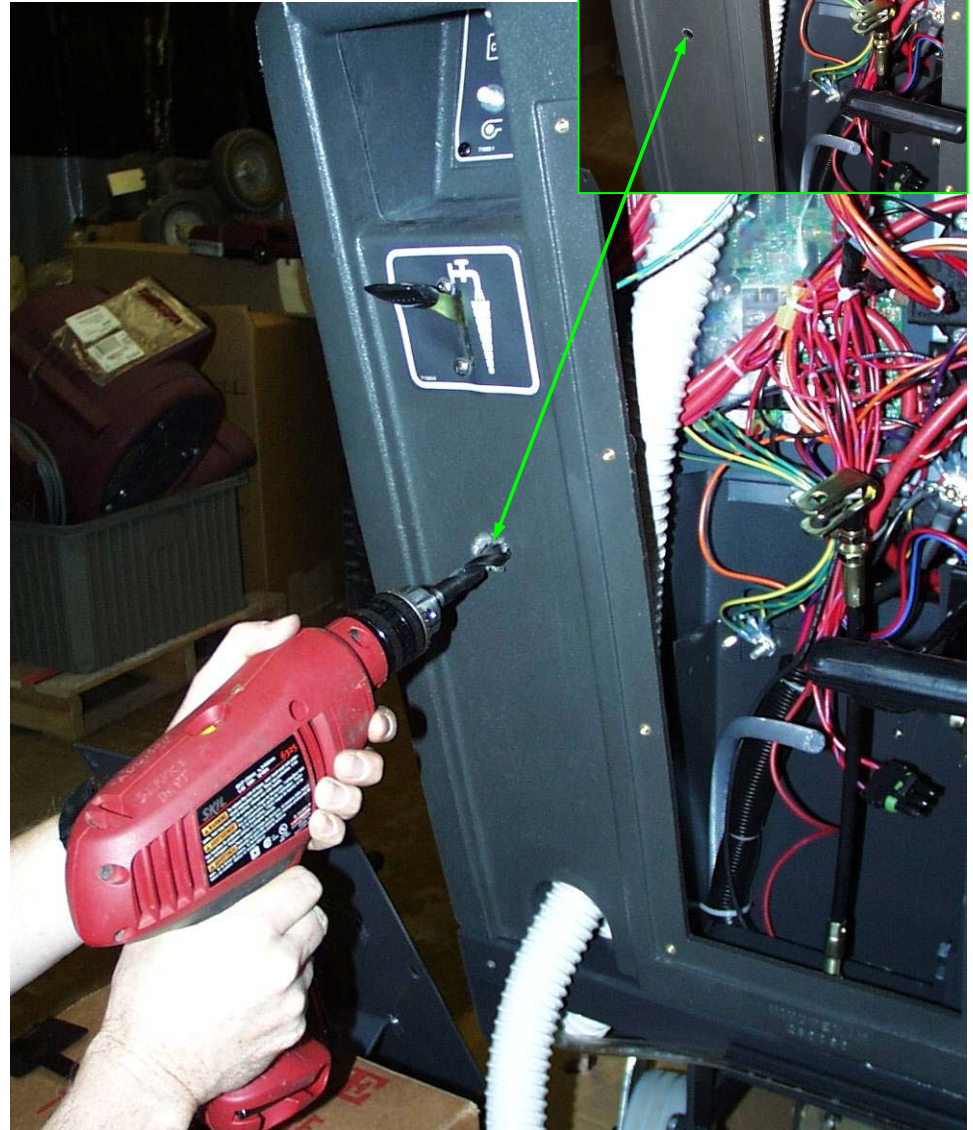
Twist the back panel until you can slip the Brush Pressure handle through the slot shown. Disconnect the Squeegee Switch weather-tight connectors shown.



Now you can completely remove the back panel assembly and set it aside.

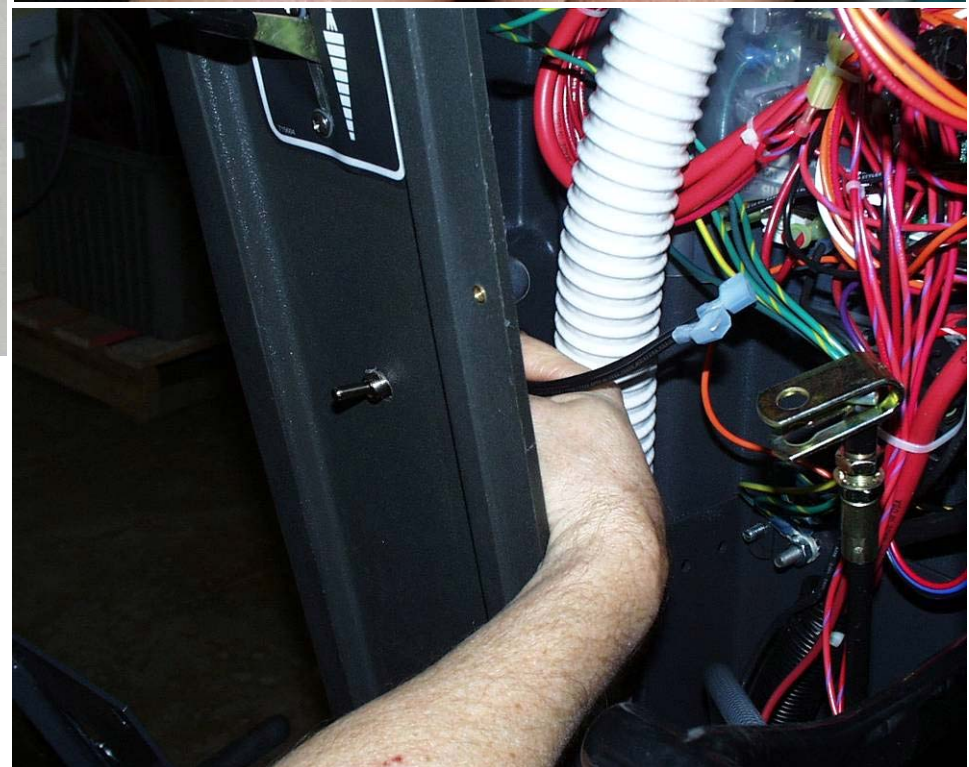
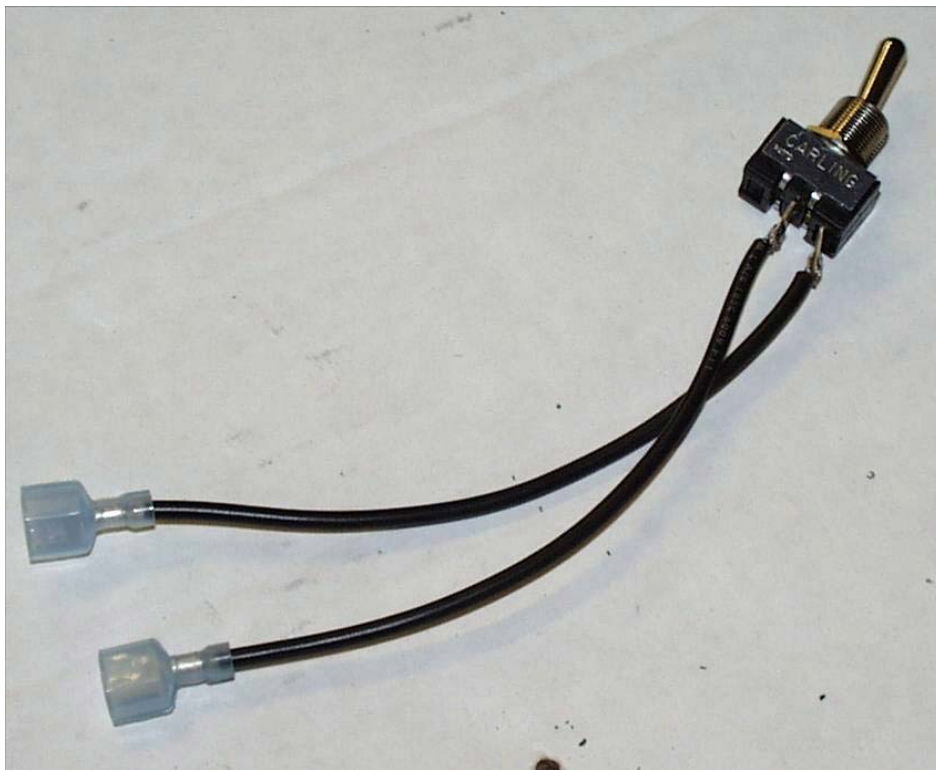


Next, get the **260197 HOSE-NYLO REINF 1/4 X 50"** –attached to the **OUTLET** side of the **PUMP-95PSI 24VDC** – & route it out toward the back end of the machine – up & over the **SQUEEGEE LIFT MECHANISM ASSEMBLY**...then, route the **260197** up through the bottom of the **CONSOLE** & up into the back panel cavity, as shown – behind the wire harness as shown above.



Measure ~4" down from the SOLUTION CONTROL VALVE & drill thru the left panel of the CONSOLE.

Tools: Drill w/ 1/2" Drill Bit



Parts: 740188-2

Get the SWITCH 740188 W/MALE TERM (**740188-2**) – from the PUMP, CONV KIT E260TD/E320 & remove the HEX NUT @ the top of the SWITCH. Insert the toggle portion of the SWITCH thru the hole just drilled in the CONSOLE (from the interior).



Parts: 760277

Tools: 9/16" Socket / Acid Brush

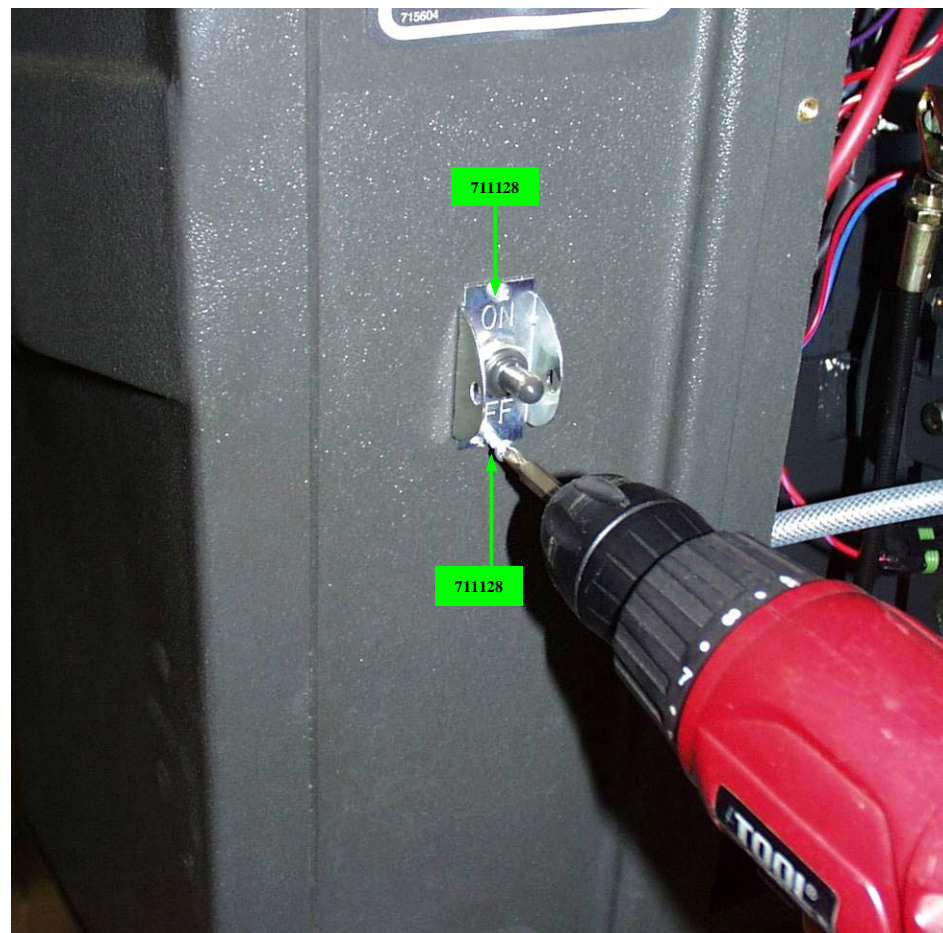
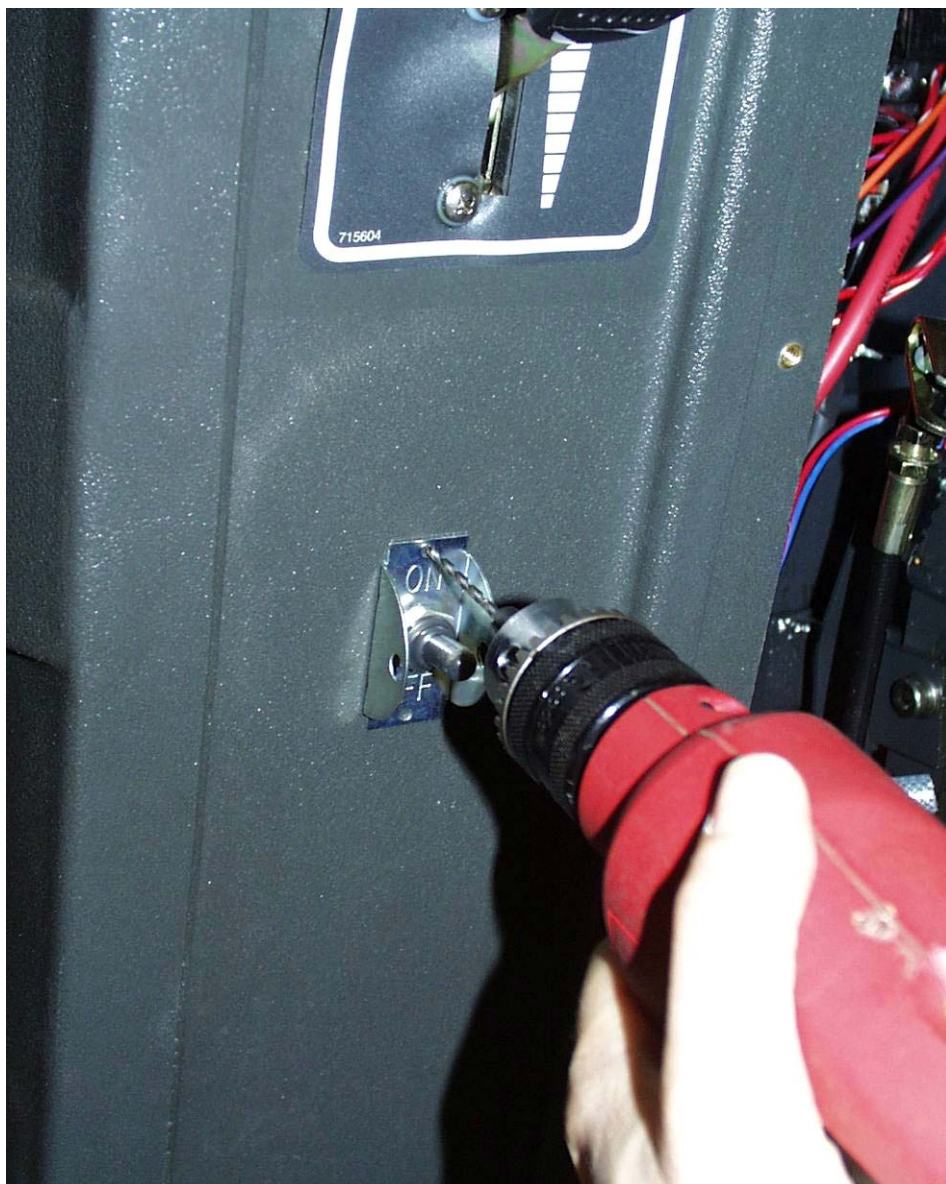
Place the **GUARD-SWITCH (760277)** over the toggle portion of the **SWITCH** & then secure with the **HEX NUT** just removed. Tighten. Grease the toggle end of the **SWITCH**.



Parts: 760650

Tools: 5/8" Socket

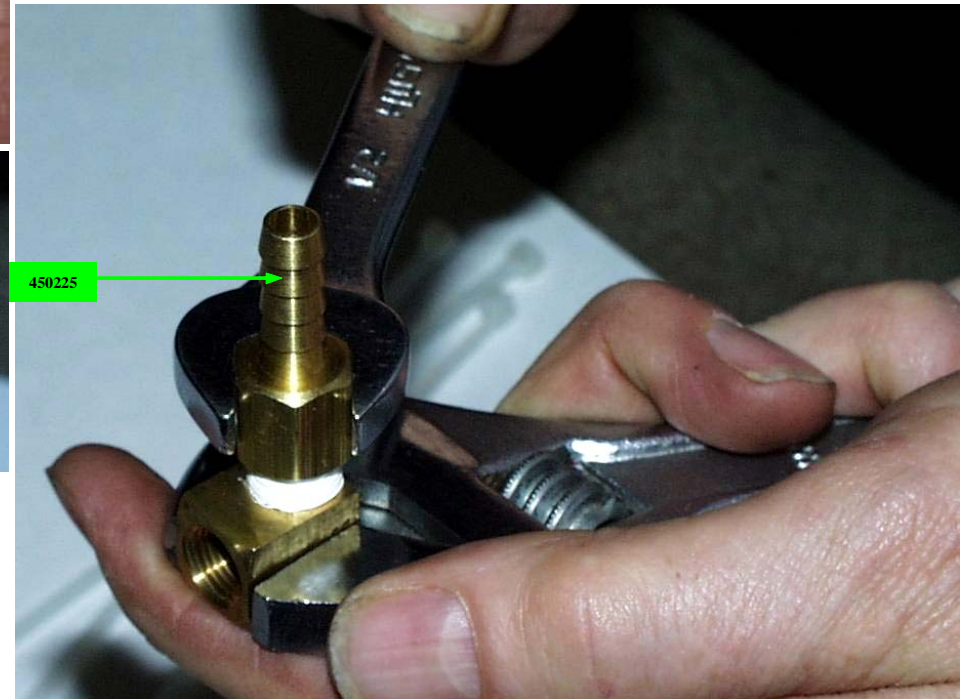
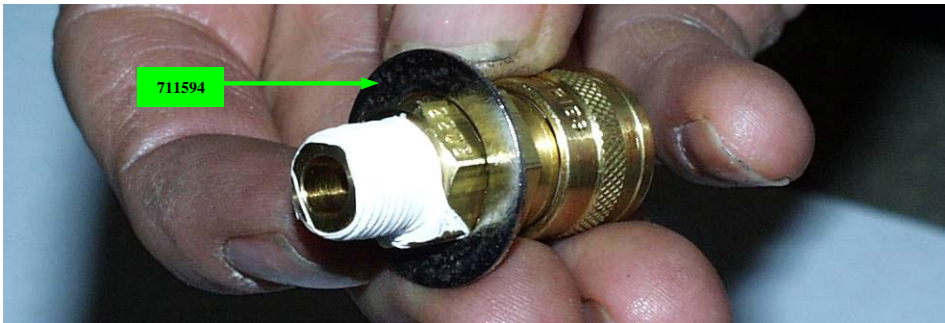
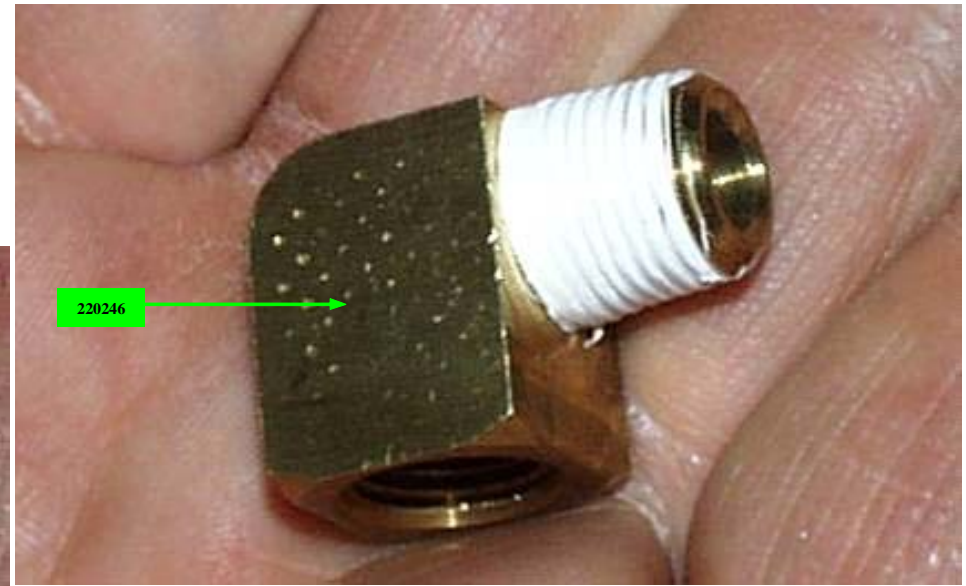
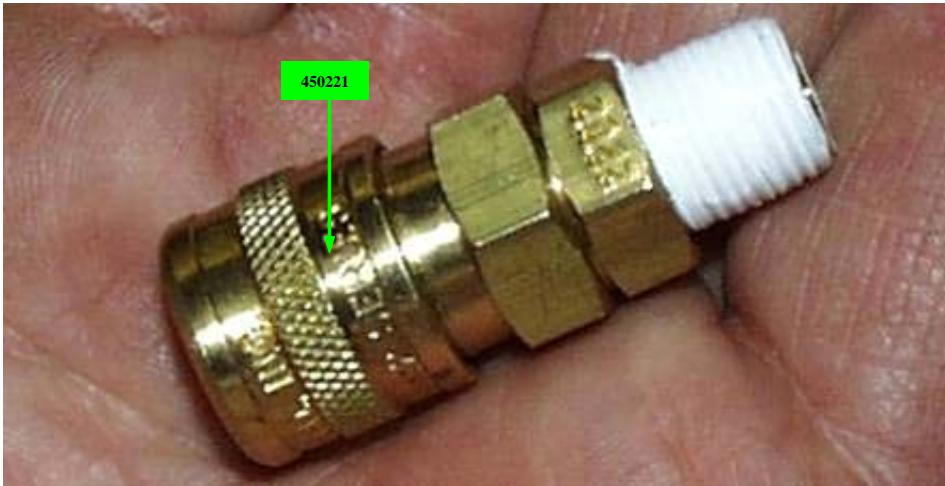
Thread the HEXSEAL SWITCH BOOT (**760650**) onto the end of the toggle portion of the SWITCH, as shown. Tighten.



Parts: (2) 711128

Tools: Drill w/ 1/8" Drill Bit

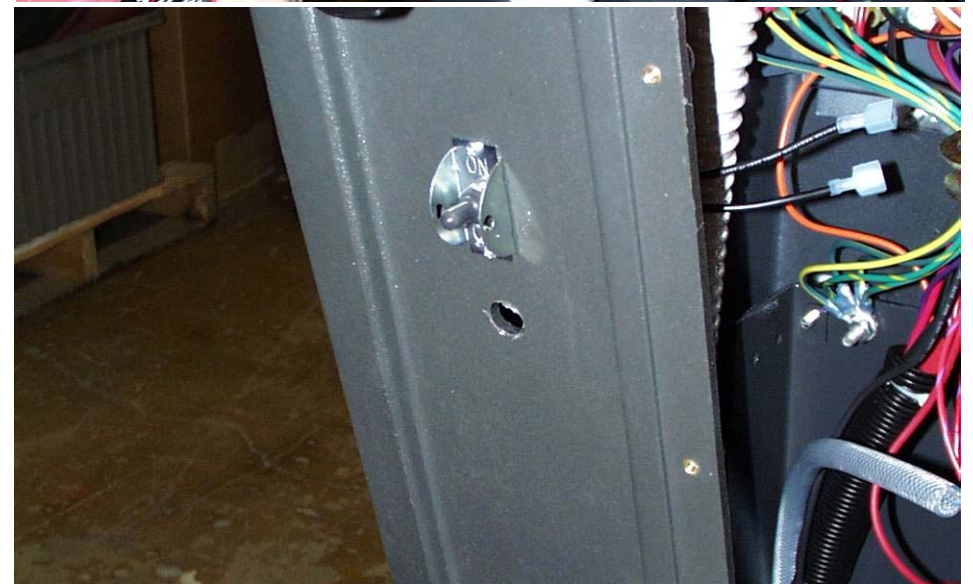
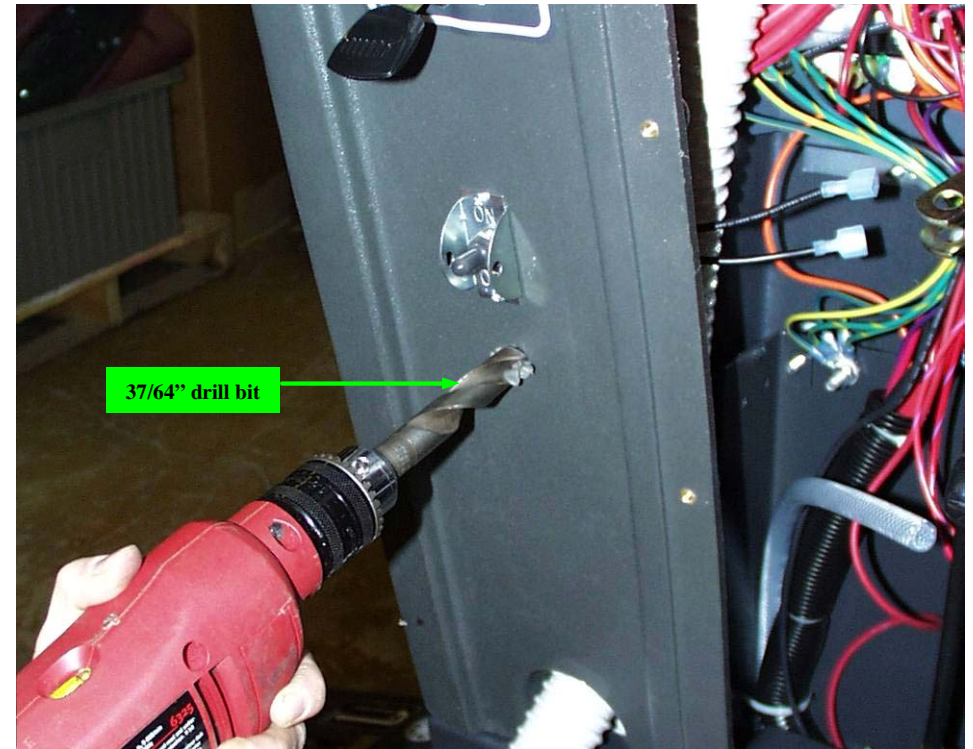
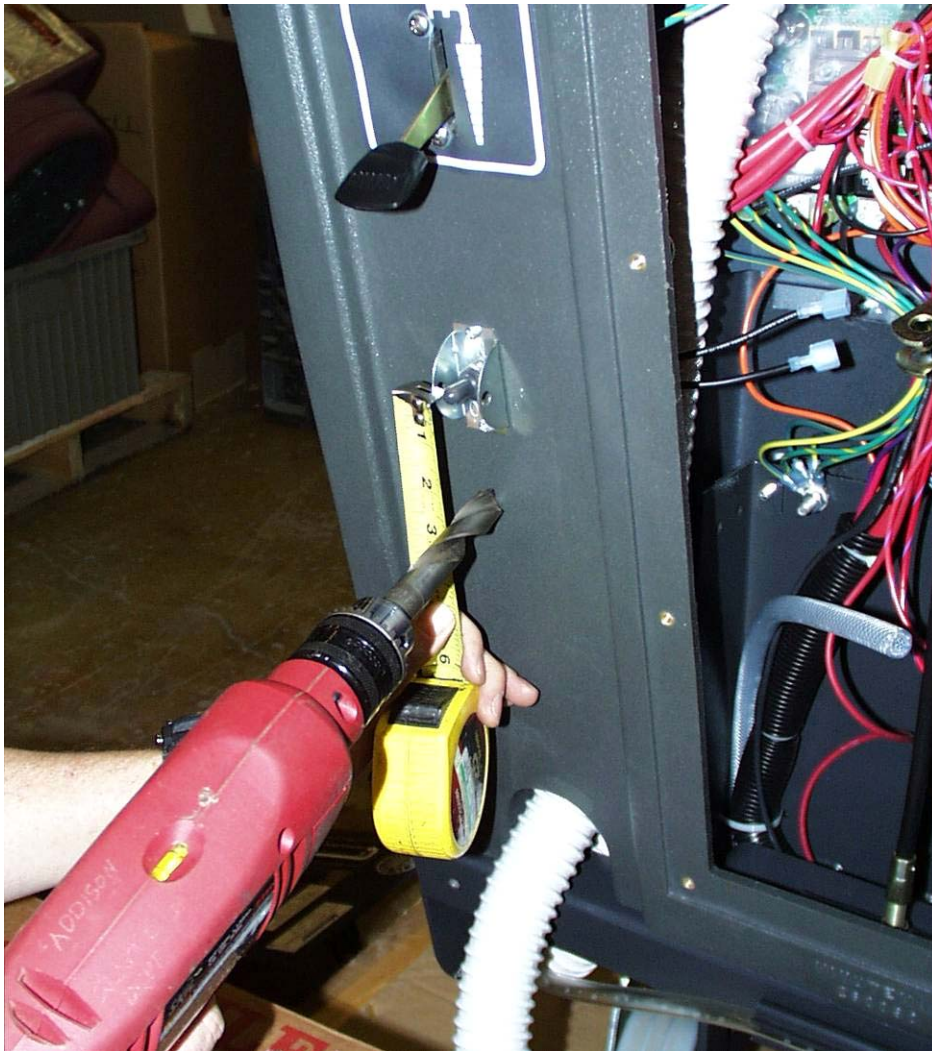
Drill pilot holes thru the holes in the top & bottom of the GUARD-SWITCH & thru the CONSOLE using an 1/8" drill bit. Secure the GUARD-SWITCH to the CONSOLE with (2) SCRS-ST-B HI-LO 8 X .62 ZINC (711128).



Wrap the threads of the COUPLER-QUICK CONNECT (**450221**) with TEFLON PIPE TAPE, then place a WSR-FLT .56 X .88 X .03 NICKEL (**711594**) onto the threads of the QUICK CONNECT COUPLER.

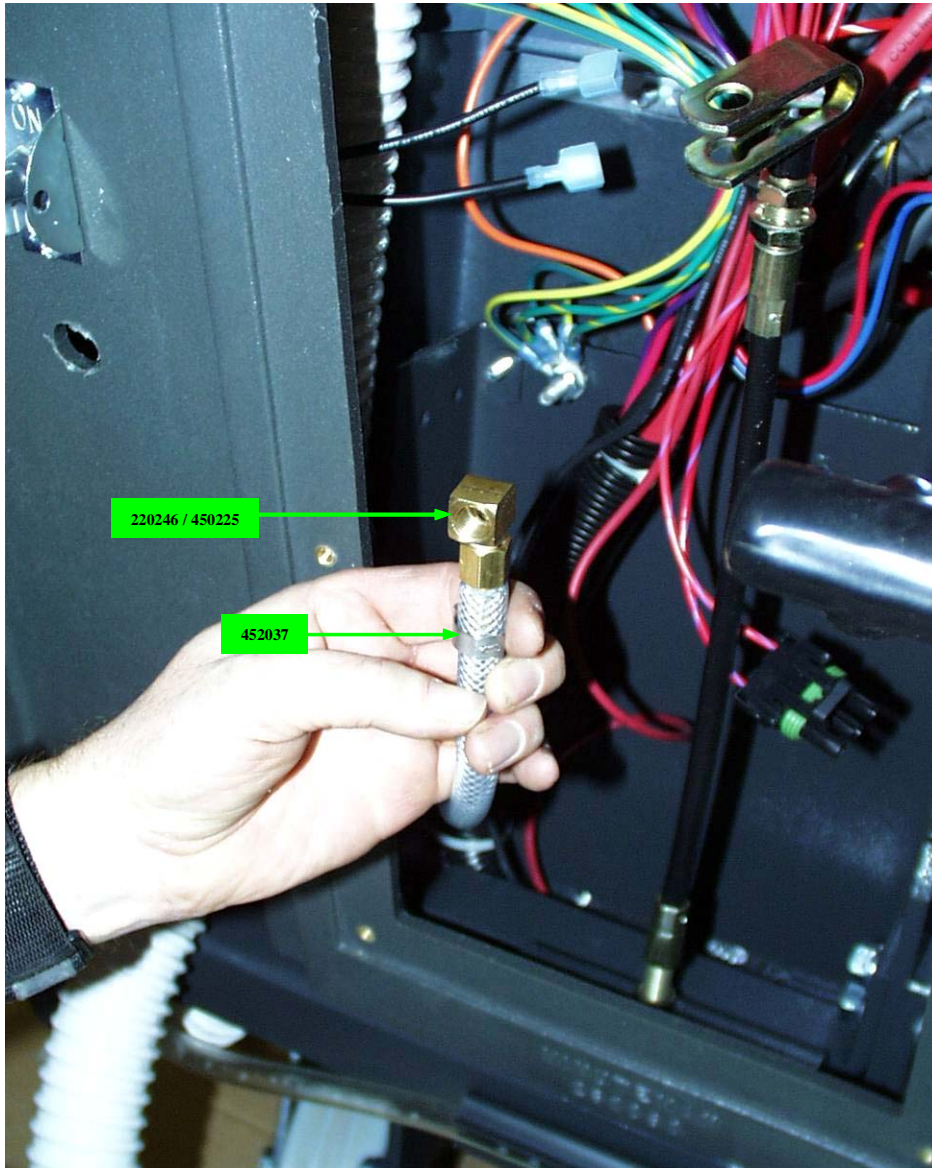
Wrap the threads of FITTING-90° 1/8MPT 1/8FPT BRASS (**220246**) with TEFLON PIPE TAPE, then thread the FITTING-1/8FPT 1/4BARB BRASS (**450225**) onto the FITTING-90°. Tighten.

Parts:	450221 / 220246 / 450225 / 711594
Tools:	1/2" Wrench / Adjustable Wrench



Drill another hole thru the left panel of the CONSOLE with a 3/8" Drill bit ~ 2 – 1/4" below the SWITCH, as shown.

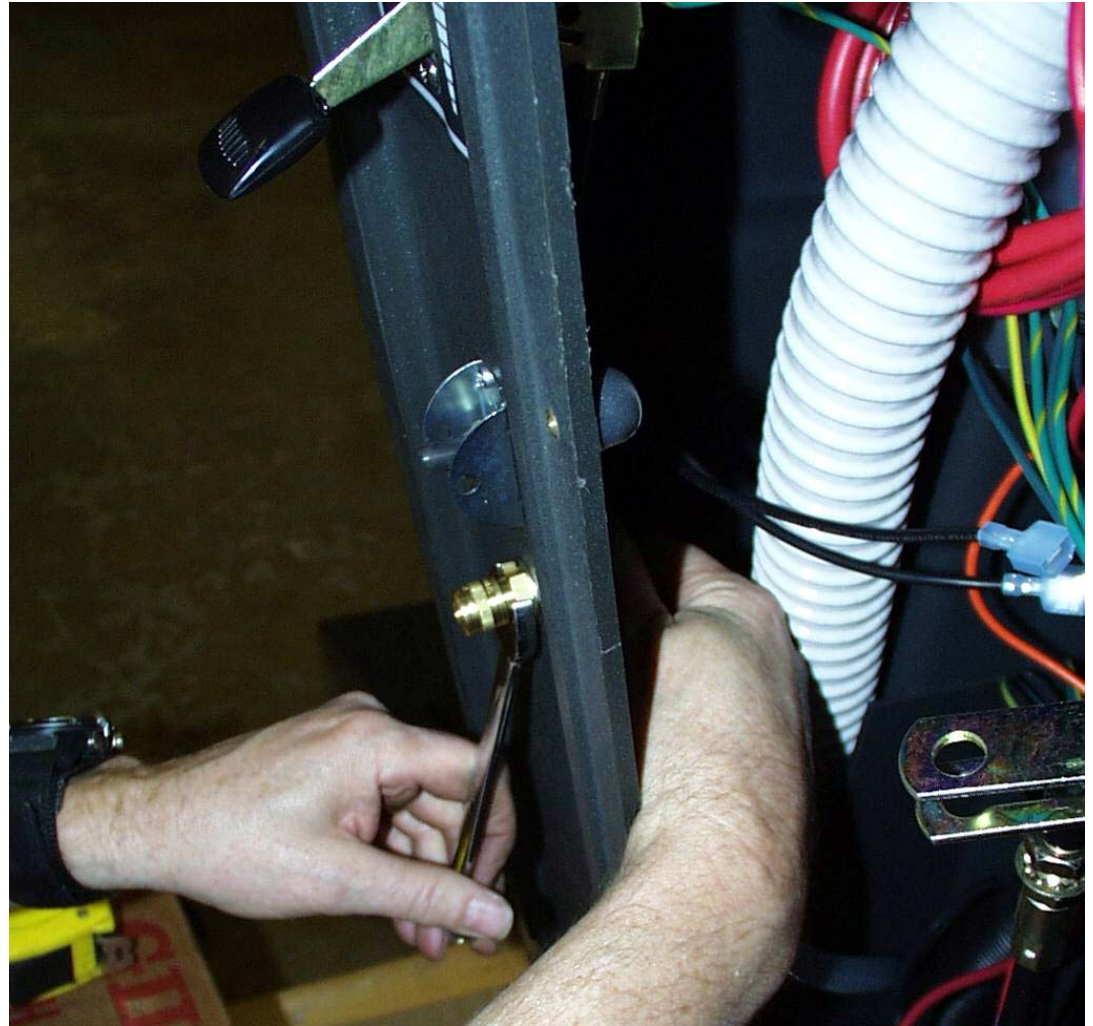
Tools: Drill w/ 3/8" drill bit



Parts: (3) 711515

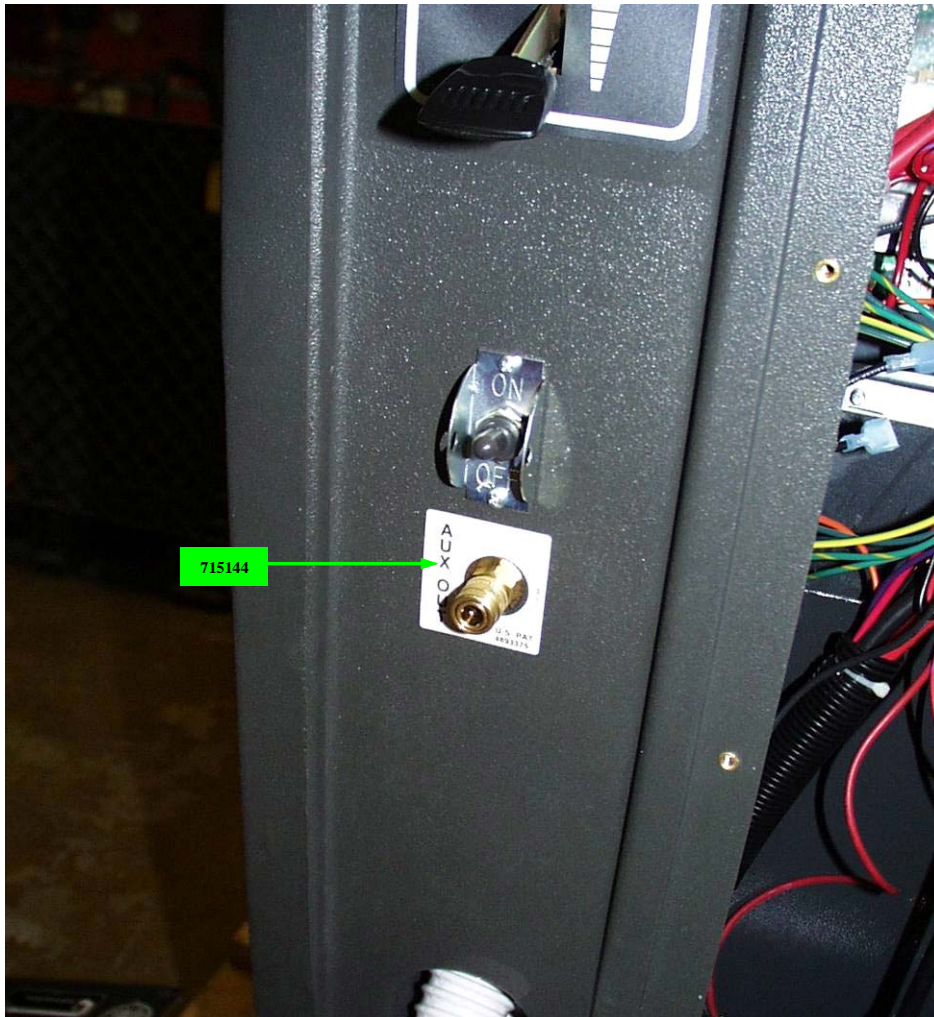
Tools: Side Cutters / Oeticker Crimping Tool

Force the FITTING-1/8FPT 1/4BARB BRASS/ FITTING-90° into the end of the **260197** HOSE-NYLO REINF 1/4 X 50" –attached to the OUTLET side of the PUMP-95PSI 24VDC & secure with (1) CLAMP-CRIMP 170R SS (**452037**). Insert the COUPLER-QUICK CONNECT into the hole just drilled in the CONSOLE panel – then place (3) WSRS-FLT .406 X .812 X .0625 (**711515**) onto the threads of the COUPLER – on the interior of the CONSOLE.



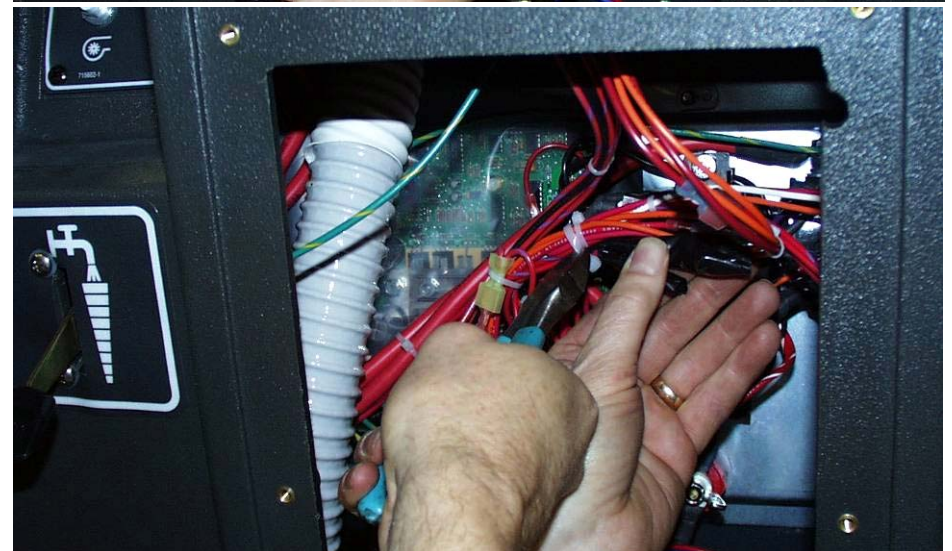
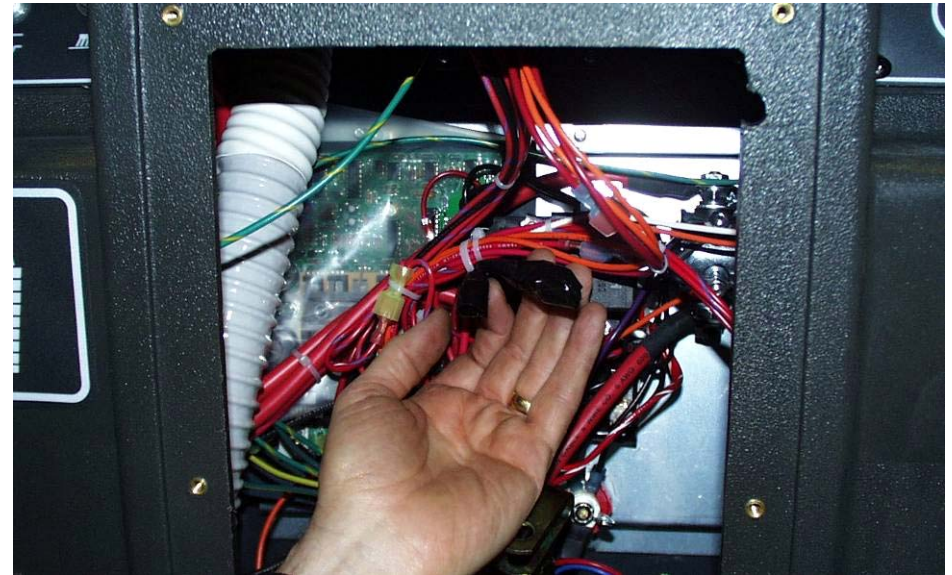
Tools: (2) 1/2" Wrenches

With the (3) WSRS-FLT .406 X .812 X .0625 (**711515**) on the threads of the COUPLER (interior of the CONSOLE), connect the **220246** FITTING-90° / HOSE to the COUPLER & tighten. The HOSE should remain oriented in the position shown.



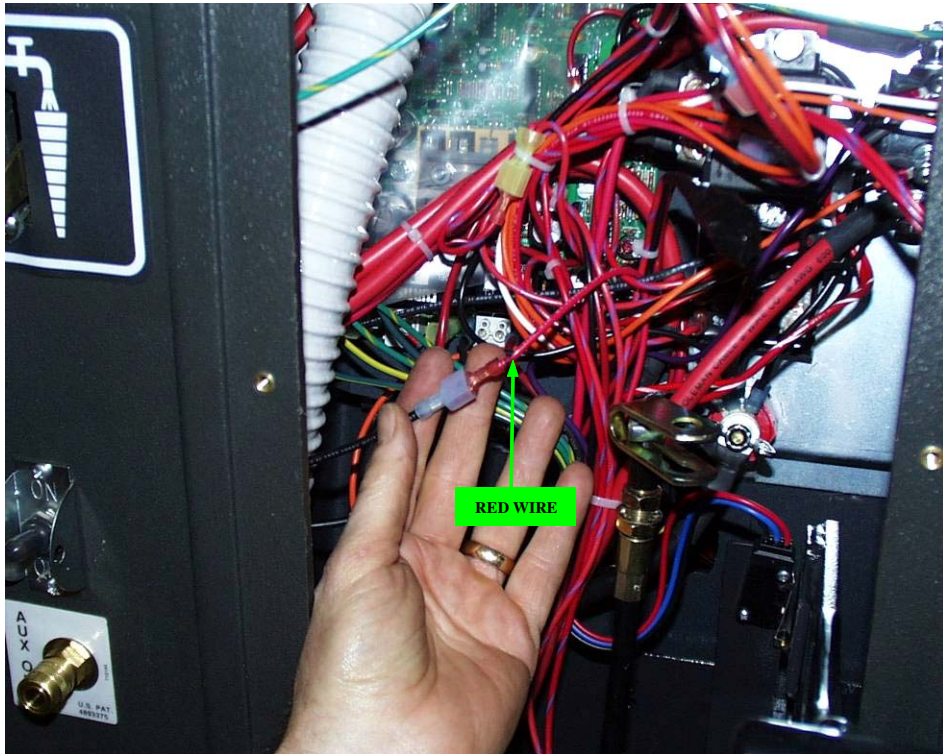
Parts: 715144

Tools: Side Cutters

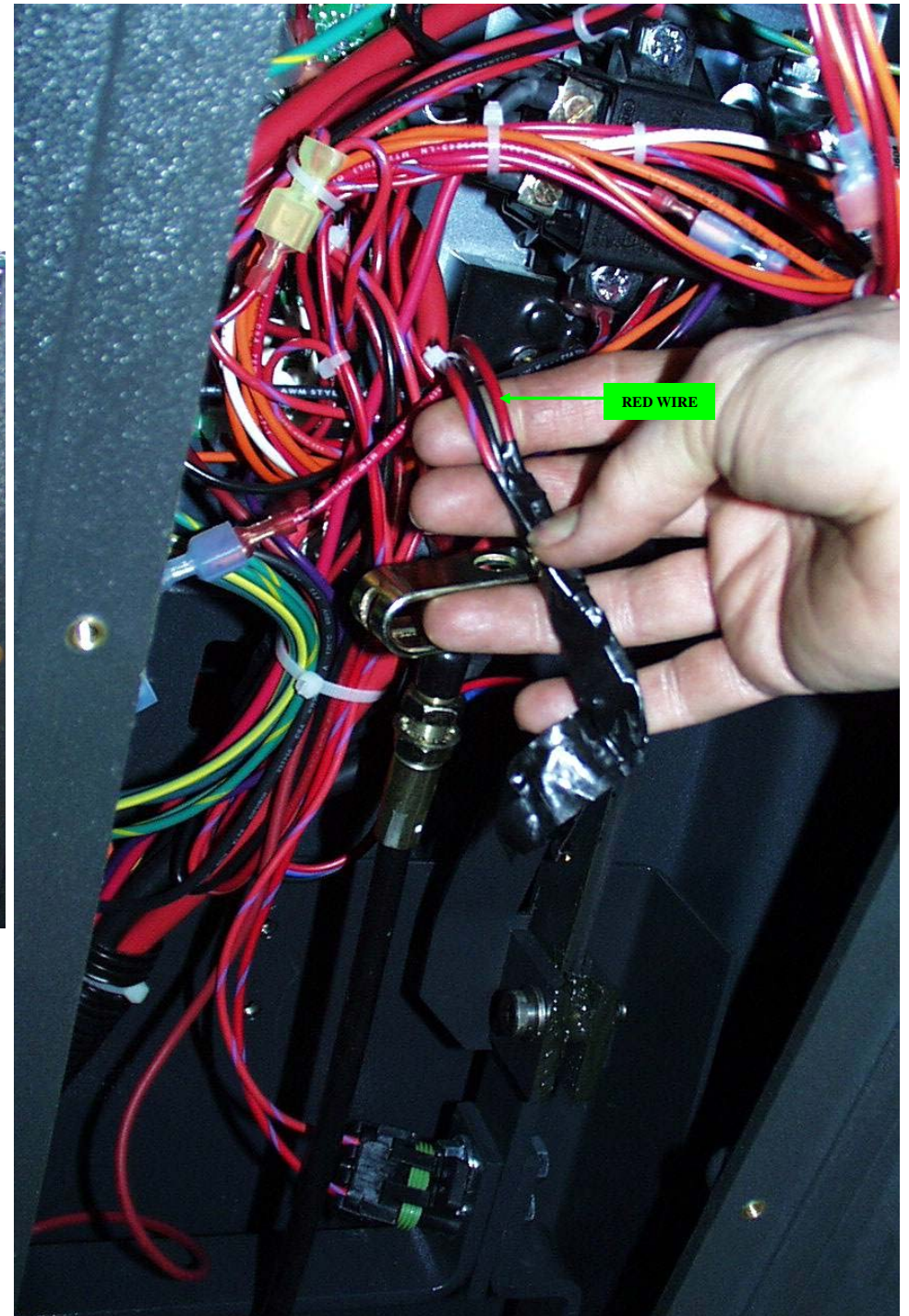


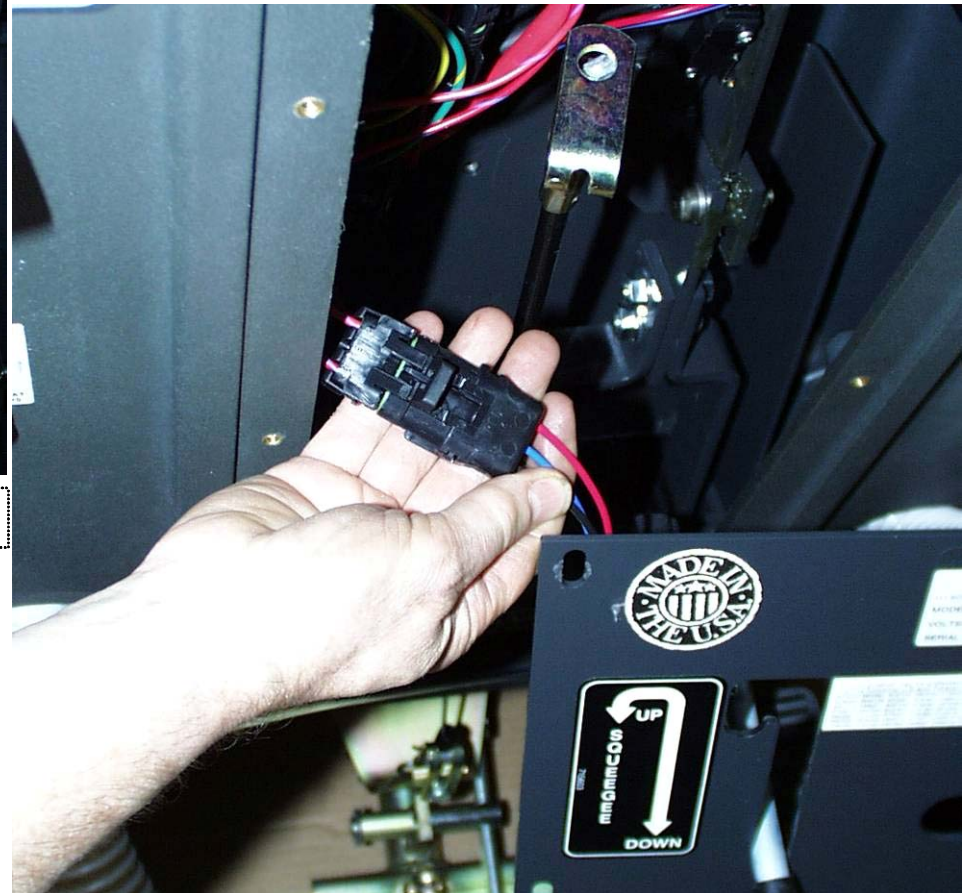
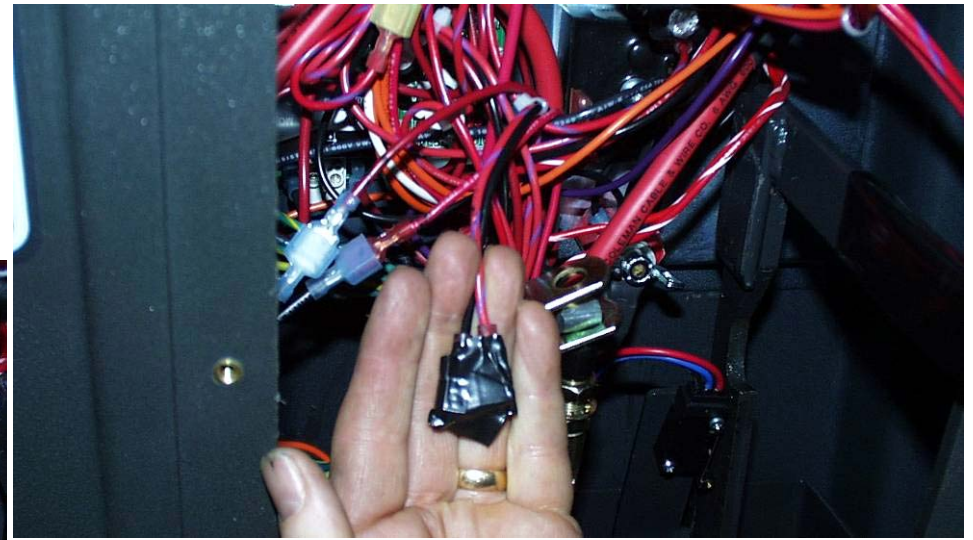
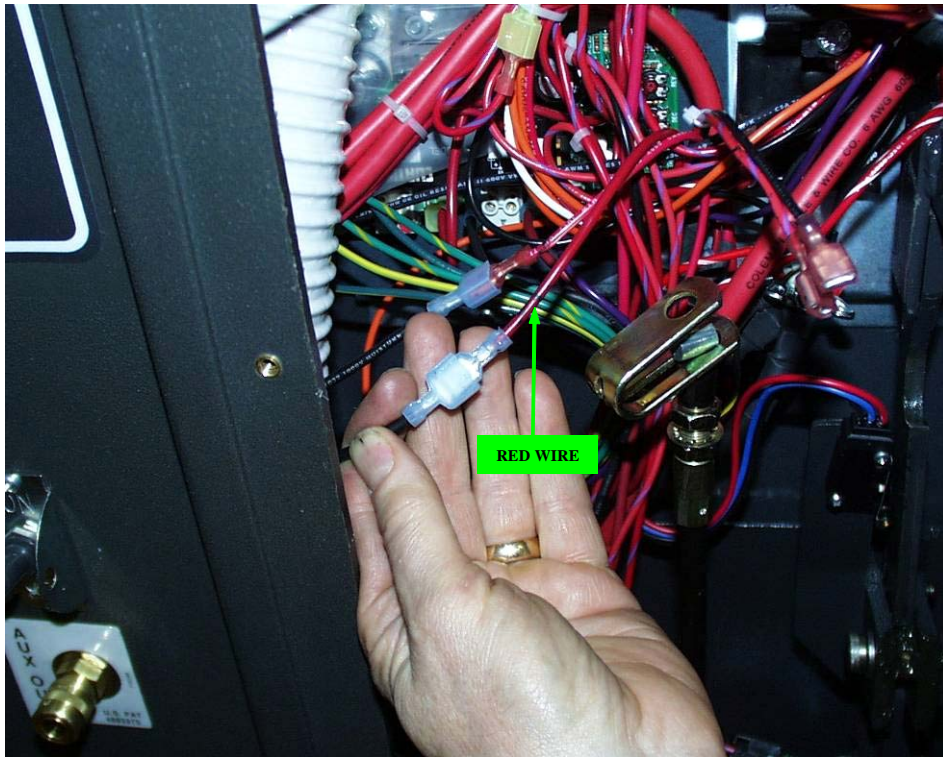
Place the DECAL-AUX PUMP (175) (715144) on the CONSOLE – so that the QUICK CONNECT COUPLER protrudes thru the hole in the center.

Locate the OPTIONAL WIRES in the CONSOLE cavity shown – they should be taped with electrical tape & disconnected @ this time. Cut the cable tie shown.



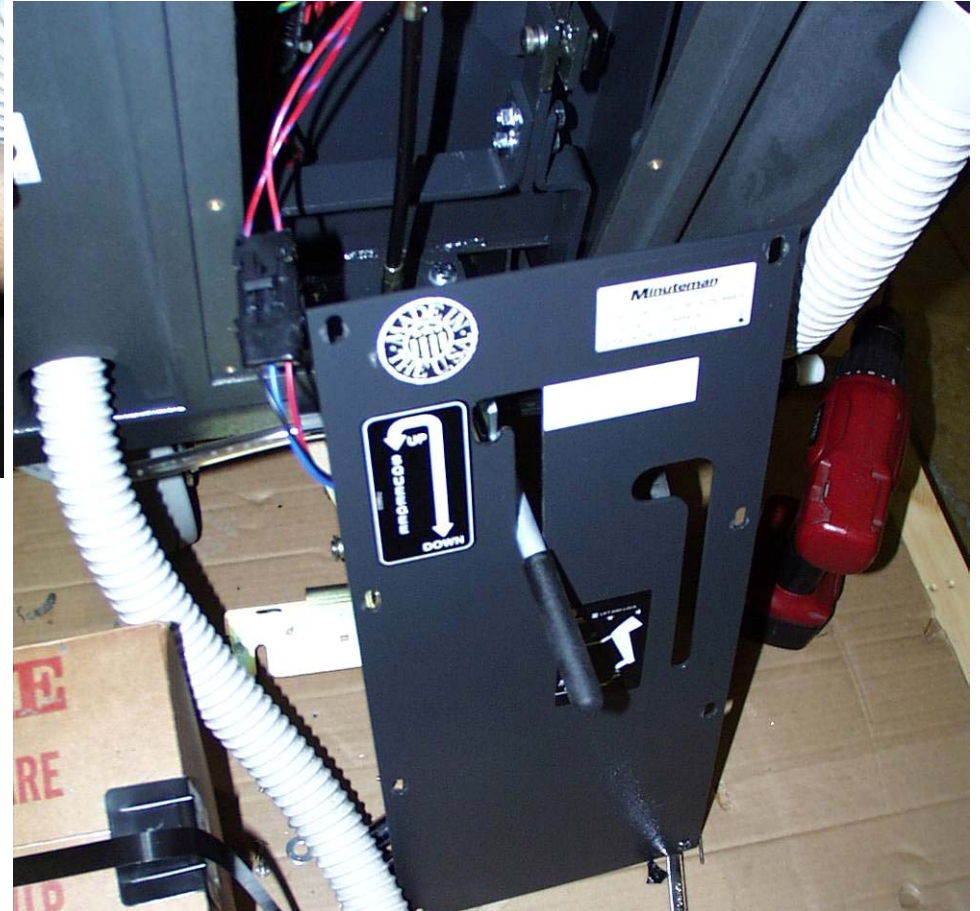
Connect the RED WIRE from the wire harness (option wires) to one of the leads from the **740188-2 SWITCH 740188 W/MALE TERM.** Next, locate a group of 3 wires (RED/VIOLET, BLACK, RED) wrapped with electrical tape, as shown to the right. Remove the electrical tape from these wires & separate the RED WIRE from this group of wires.





Parts: 000727 / 828062

Connect the remaining lead from the **740188-2 SWITCH** 740188 W/MALE TERM to the RED WIRE from this group of 3 wires. Ensure that you wrap the 2 remaining optional wires that are not used with TAPE-ELECTRICAL BLACK (**000727**) & re-secure these wires with CABLE TIE LARGE (**828062**). Re-connect the Squeegee Switch weather-tight connectors (shown on right).



Re-connect the batteries.
Turn the power switch to ON.
Move the SQUEEGEE LEVER to the DOWN position.

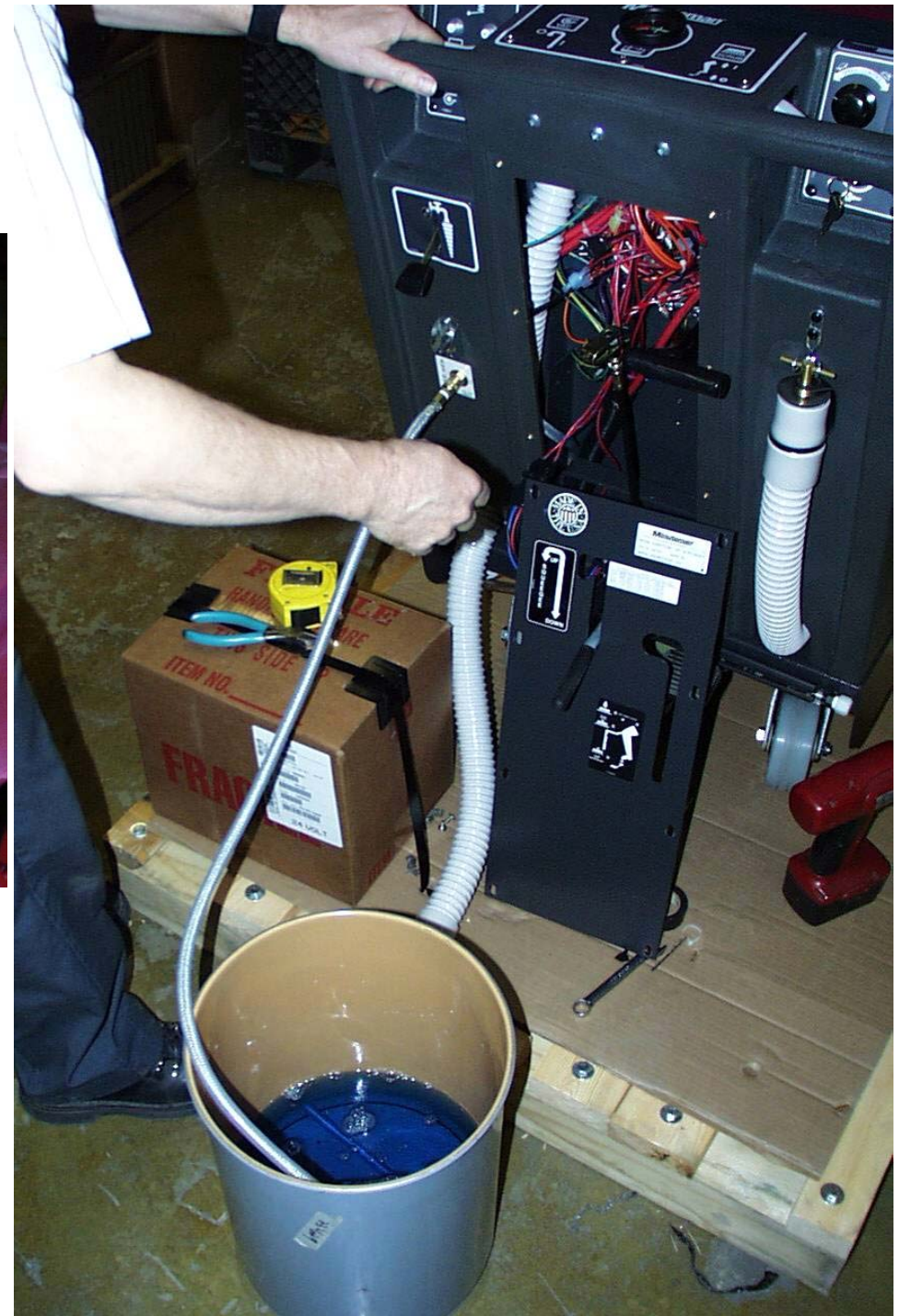


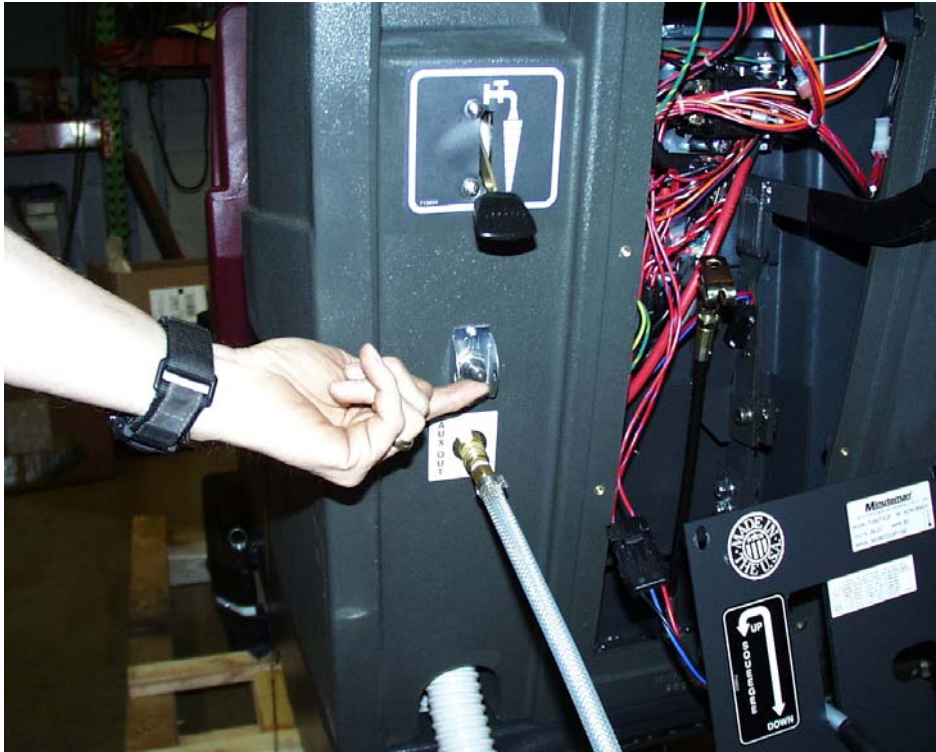
Parts: 430165

Tools: Bucket / Cleaning Solution/Water mixture

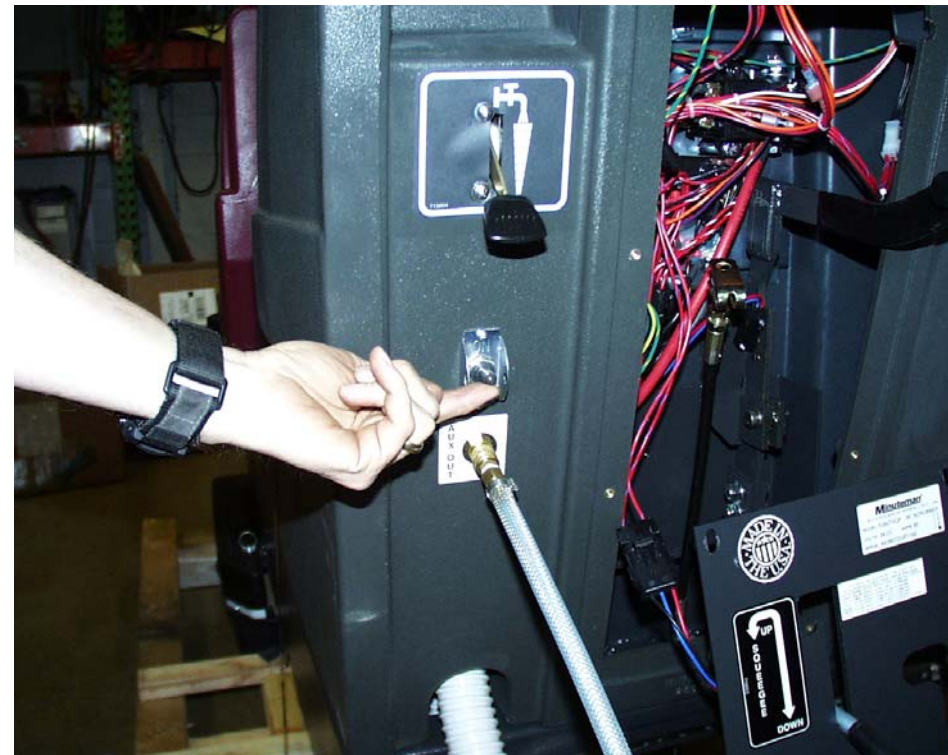
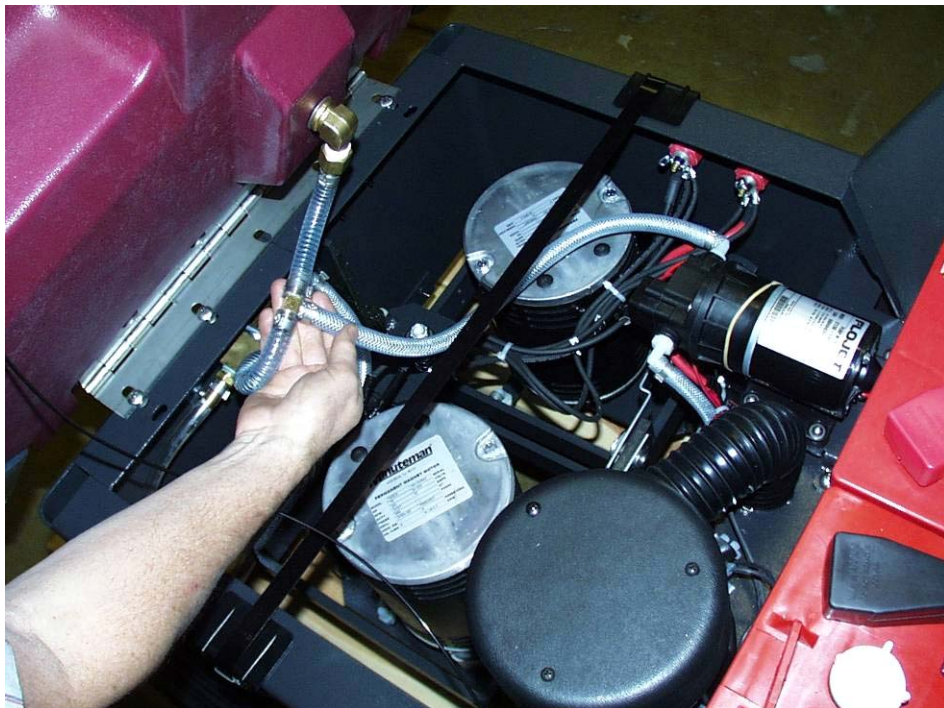
Add ~ 1 gallon of cleaning solution/water mixture to the Solution Tank of the machine.

Connect the SOLUTION DUMP HOSE ASY - 1/4 I.D (430165) to the auxiliary Quick Connect Coupler & place the opposite end of the HOSE into a bucket of cleaning solution/water mixture.





Toggle the Auxiliary Pump Switch to the ON position.
The cleaning solution/water mixture should begin flowing through the SOLUTION DUMP HOSE ASY - 1/4 I.D & pumping into the bucket.
Begin checking for leaks while the Pump is activated.
Check the back of the Quick Connect Coupler – where it is connected to the HOSE.



Check for leaks @ all fittings installed during this Pump Kit installation procedure.
Toggle the Auxiliary Pump Switch to the OFF position.
Disconnect the batteries.
Reinstall the Squeegee Lift Cable to the Squeegee Lift Lever & to the Back Panel bracket.
Replace the Back Panel Cover.
Installation of the PUMP, CONV KIT E260TD/E320 is now complete.

