

TDS115KIT

Time Delay Shutdown Kit

Installation Instructions



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TDS115KIT



Parts list:

- | | |
|-------------------------------------------------|---|
| - Time delay shut down box (complete with PSWs) | 1 |
| - 3/8 NPTF, 3/8 NPTF, 3/8 NPTF Steel Tee | 1 |
| - 3/8 NPTM to 1/4 NPTF Reducing Bushing | 1 |
| - Mounting Bracket | 1 |
| - TPEE (teflon) Tape | 1 |
| - Screw | 4 |

Tools needed:

- | |
|-----------------------------|
| - Phillips head screwdriver |
| - Flat head screwdriver |
| - 14mm wrench |
| - 17mm wrench or socket |
| - 9/11" wrench or socket |



WARNING: Disconnect power before servicing.

Installation Instructions

TDS115KIT



1. Mount box onto the motor bracket with screws provided.



2. Mount bracket on motor using the two top pump bolts.

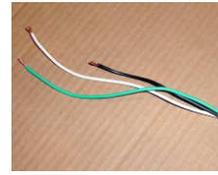


3. Cut the power cord at 21" from motor strain relief.



Warning:

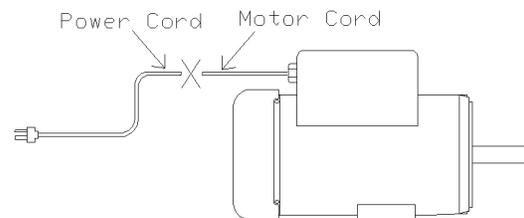
Disconnect power before servicing.



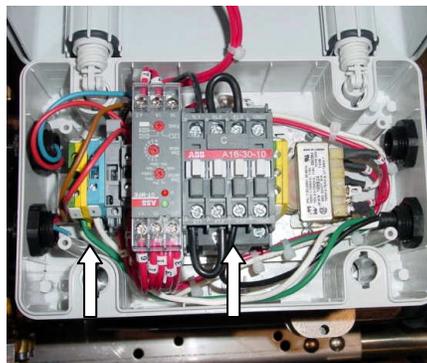
4. Motor Cord:

4.a. Strip outer insulation on 8" from cut end.

4.b. Strip 1/4" of conductor insulation from all three wires.

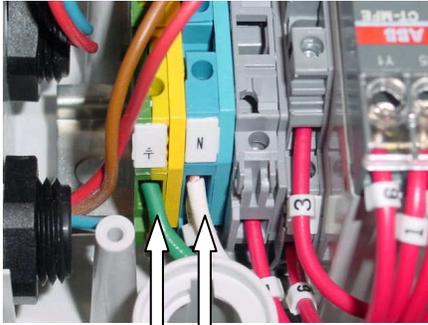


5. Insert the motor cord into the box through the left side strain relief and hand tighten.



6. Connect green wire to the ground terminal
Connect white wire to the N terminal
Connect black wire to T3 terminal
(see next page for details)

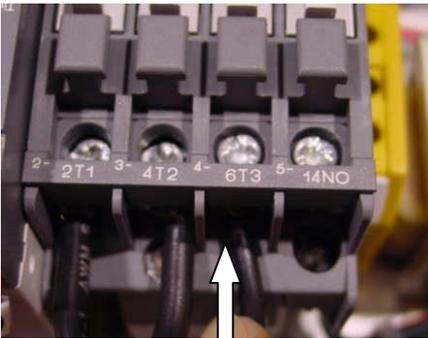
Step 6



Green wire to ground (⊥)

White wire to neutral (N)

Step 6



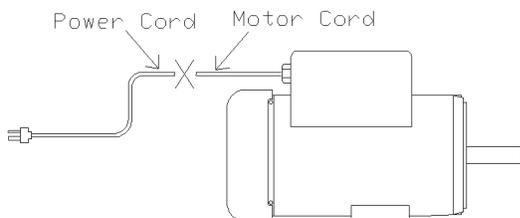
Black wire to T3



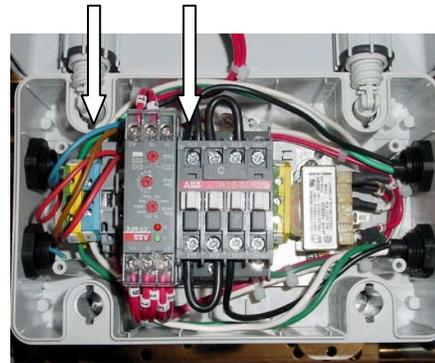
7. Power Cord:

7.a. Strip outer insulation on 8" from cut end.

7.b. Strip 1/4" of conductor insulation from all three wires.

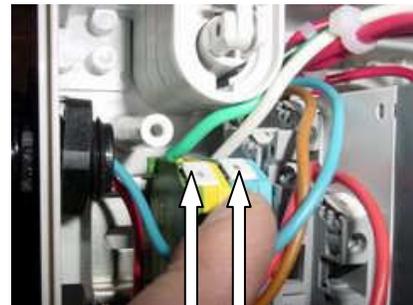


8. Insert the power cord into the box through the right side strain relief and hand tighten.



9. Connect green wire to the ground terminal
Connect white wire to the N terminal
Connect black wire to L1 terminal

Step 9



Green wire to ground (⊥)

White wire to neutral (N)

Step 9



Black wire to L1



Strain relief nuts

10. Check again all connections by pulling on the wires. Close box lid.

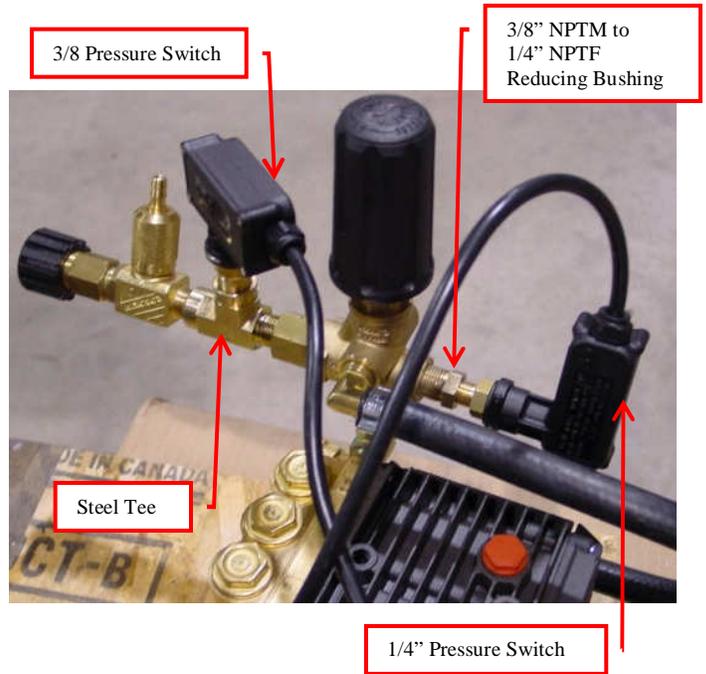
If necessary:

- tighten the bolts/screws on the terminals.
- tighten the nuts on the strain relief connectors (hand tight).

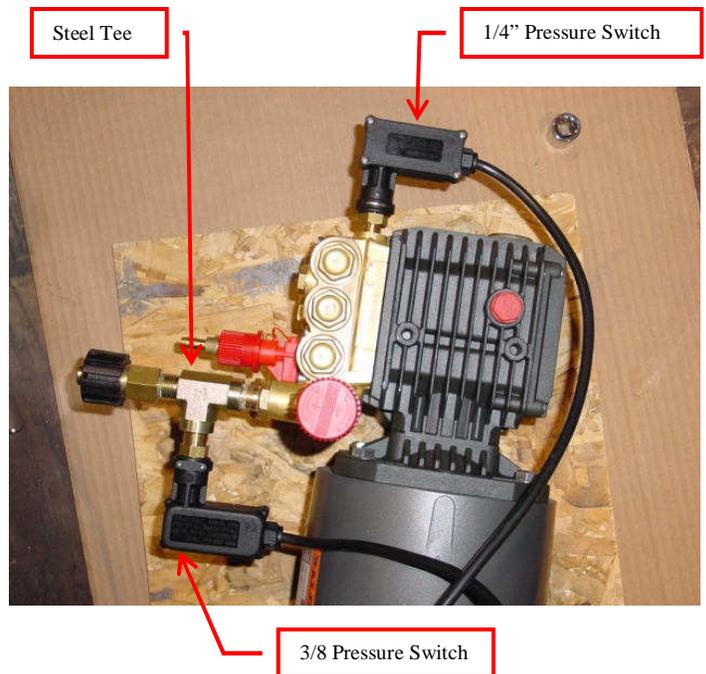


11. Ensure that the motor switch is in the ON position

A. External Unloader Valve:



B. Integral Unloader Valve:



Notes:

Use TPF (teflon) tape to mount all fittings as shown.

1/4 " Pressure switch is set to a normally OPEN position

3/8" Pressure switch is set to a normally CLOSED position

Bill of Material for TDS115KIT

Part #	Description	Quantity
TDS1151PH	Time delay shut down box 115v	1
PSW	3/8 NPT Male Pressure Switch	1
PSW1	1/4 NPT Male Pressure Switch	1
RMF0302ST	BUSHING STEEL 3/8X1/4	1
TFFF0303ST	Steel T 3/8 F, 3/8 F, 3/8 F	1
TEFLONTAPE	Roll of Teflon Tape	1
WMC1050	Mounting bracket Powder Coated	1
CISLR1304	Plastic Stain Relief small straight	2
CISLF1304	Plastic Stain Relief Large 90 Degree	2
CI1704PL	Plastic Locknut 1/2" for Strain Relief	4
RB307	RUBBER WASHER	4
ST166P	#7 x 5/8 SCREW	4

TDS1151PH parts list

Part #	Description	Qty req
12804	120mm x 220mm x 140mm nema box	1
12842	12804 mounting plate	1
12858	plastic wall mounting brackets	1
A16-30-10-84	A line contactor	1
011565725	M4/8 SF fuse holder	1
011695115	FEM grey end plate	1
GSC2	glass fuse 2A 250v	1
010306221	FEM yellow end plate	2
016511316	M4/6 ground terminal block 24-10AWG	2
012511601	M4/6 blue terminal block 24-10AWG	1
012836810	FEM6 blue end plate	1
CP4-10G-10	compact ext pB maint green	1
KA1-8002	protective menbrane extended button	1
186B24	open transformer 115-230V/24V 6VA	1
011527122	M4/6 grey 2 deck block 24-10 AWG	1
011849923	FEM end plate	1
020635116	BAM2 V2 end stop din 3 rail	2
1SVR550029R8100	MFE multifunction timer	1