

UpRight**EPSD*********PRODUCT BULLETIN****Machine/Models: TL 33 Serial Numbers: 1133 - 1359. (us machines)****PRODUCT BULLETIN: TL-33 PB96.1 Electrical Function Modification Kit.**

THE INSTALLATION OF THIS KIT IS **MANDATORY** - IT SHOULD BE INSTALLED AT THE NEXT SERVICE INTERVAL OR WITHIN 30 DAYS.

DATE: 26 June, 1996.**PURPOSE:** To verify that the Electrical Wiring complies with the machine specification.**OPERATION REQUIRED:** To inspect and modify the wiring for the following:

1. Emergency Override Function
2. Moss 90 Suppression
3. Line Contactor Wiring

PARTS REQUIRED: Elec. Mod. Kit - #58932-000

1 x Suppression Diode Assembly - #58930-000

1 x Emergency Override Modification Kit - #58776-000

REIMBURSEMENT: To check these functions will take less than one (1) hour. UpRight will reimburse for labour up to one hour, at IrP16.00 per hour. UpRight will reimburse the owner of each unit for travel at 0.16p per mile up to 100 miles. Reimbursement will be made upon receipt by UpRight of a properly completed Warranty Request Form.

PROCEDURE: In order to ensure the Electrical Functions of the TL-33 are operating successfully, the following checks are required:

Check No 1: To ensure the Emergency Override functions are operating properly, please ensure the wiring is installed in line with the wiring diagram detailed on sheet No1 page 1. Change as needed.

1. Turn off the key switch and press down both of the emergency stop buttons.
2. Open the upper control box and locate the printed circuit board (PCB) on the joystick.
3. Disconnect the Brown Wire from the Contact Block of the Slew/Boom Selector Switch (routed between pin #5 on the PCB and the Slew/Boom Selector Switch).
4. Install new Normally Closed (N/C) Contact Block on the Momentary (Emergency Override) side of the On/Off selector switch(Upper Control Box "Key Switch") supplied with this kit.
5. Re-route the Brown Wire (disconnected in step 3) to the new Normally Closed (N/C) Contact Block.
6. Add a new Brown Wire from new N/C Contact Block to go back to original Boom/Slew Selector Switch position. (disconnected in step 3).
7. Install Label on the front of the Control Box. (See Sheet No1 - page 2).

Check No 2:

1. To ensure the Moss 90 Controller is protected from voltage spikes, please ensure the Suppression Diode Assembly is fitted to the Line Contactor on line with the wiring diagram detailed on sheet No2. Install supplied Suppression Assembly as needed.
Note: The positive supply wire to the line contactor can be either White or Violet.

Check No 3:

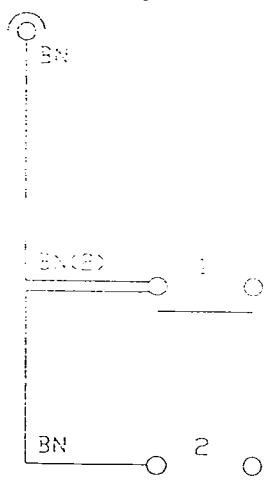
1. To ensure the Line Contactor wiring is correctly installed, please ensure the wiring complies with the diagram detailed on sheet No3 - page 2.

THE OVERRIDE MOD FOR TL33.

- 1.) REMOVE THE BROWN CONNECTION FROM PCB PIN 5.
- 2.) RE-ROUTE CABLE FROM PCB PIN 5 (BROWN) TO NORMALLY CLOSED BLOCK ON MOMENTARY SWITCH.
- 3.) ADD NEW CABLE FROM NORMALLY CLOSED BLOCK BOOM/SLEW SELECTOR SWITCH ORIGINAL BROWN CONNECTION.

OLD

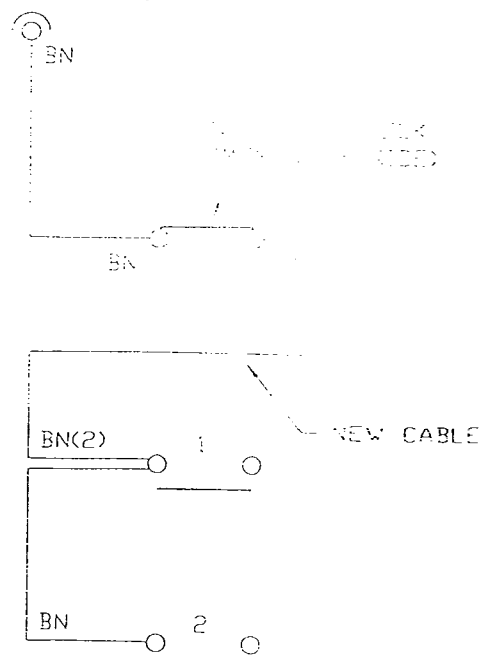
PCB PIN 5

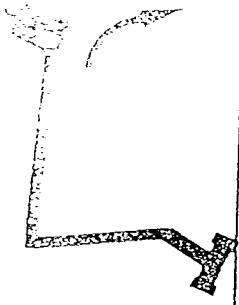


SLEW/BOOM
SELECTOR

NEW

PCB PIN 5





57420-000-00

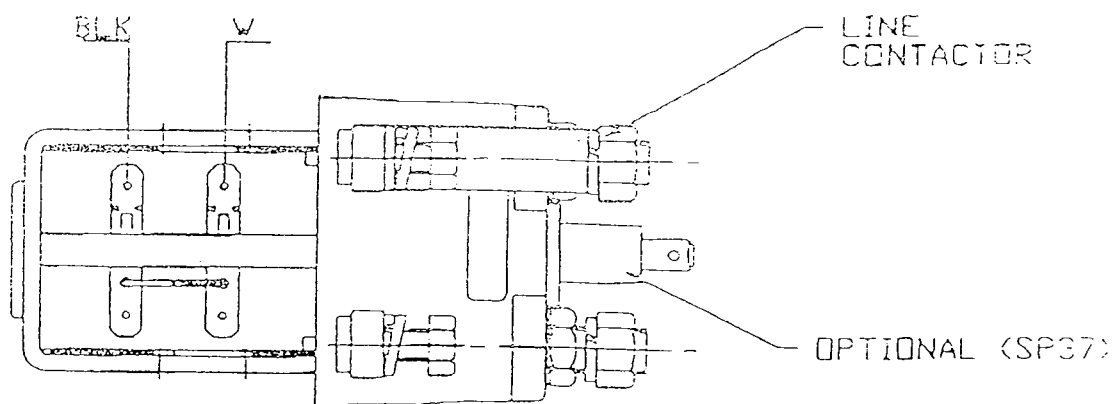
! DANGER

TIP-OVER HAZARD

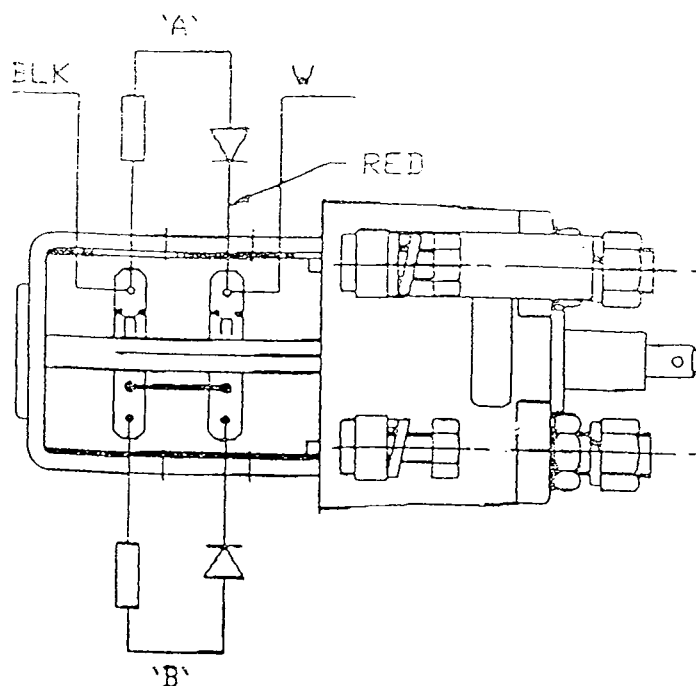
IF ALARM SOUNDS AND CONTROLS
DO NOT FUNCTION, PRESS
EMERGENCY OVERRIDE, LOWER CAGE
COMPLETELY THEN RELEVEL CHASSIS
USING OUTRIGGERS

LINE CONTACTOR SUPPRESSION MOD. TL 33

INCORRECT

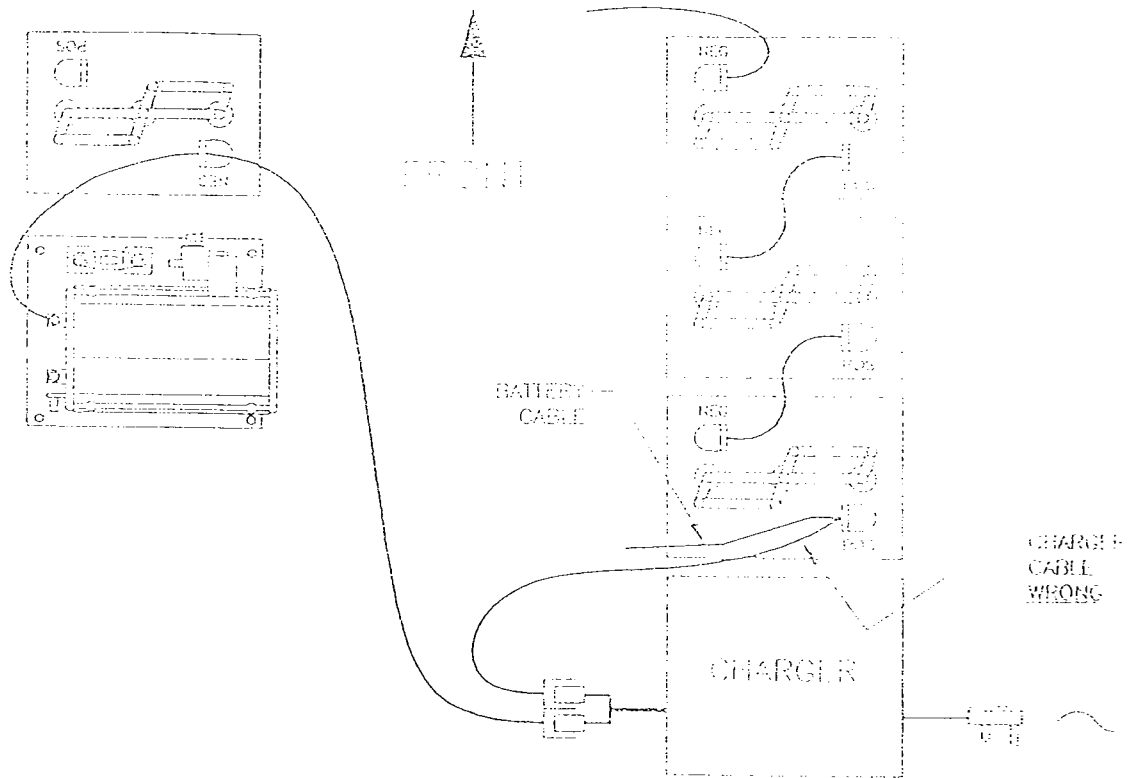


CORRECT

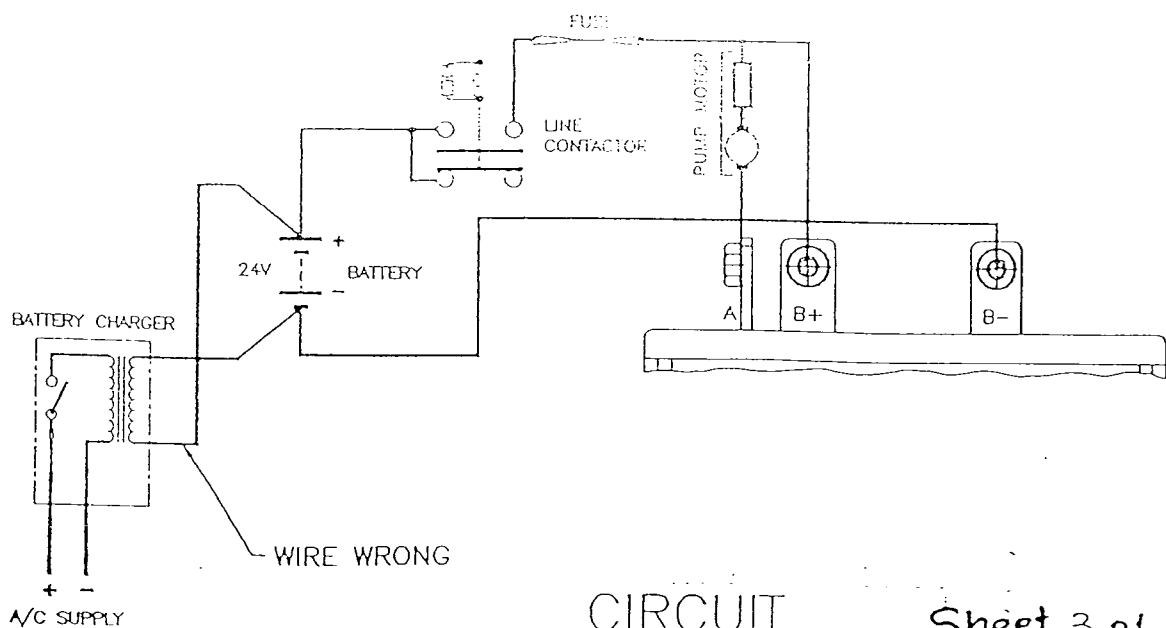


FIT SUPPRESSION ASSEMBLY
694/20070 ACROSS COIL
CONNECTION WITH RED
SLEVE TO HAVE WHITE
CABLE CONNECTION
CAN BE FITTED IN BOTH
POSITIONS 'A' AND 'B'

fig. 1 INCORRECT CONNECTION

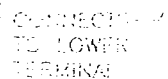


SCHEMATIC



CIRCUIT

Sheet 3 of 1



BATTLE CABLE

SCHEMATIC

