

## E0027 – Installing Series 3A PCB into SB360

### Category

Electrical

### Models and Markets

SB360

### Information

When installing a new series 3A “B” box PCB, Kit EL-37099 into an existing SB-360/MK6 there may be some wiring modifications required.

Changes to be made depend on:

- Traverse Type employed
- Whether safety feature function is required

#### Traverse type

Traverse type can be either:

- **Rack Shift units**

These units that have hydraulic motors and a rack and pinion to traverse cranes.

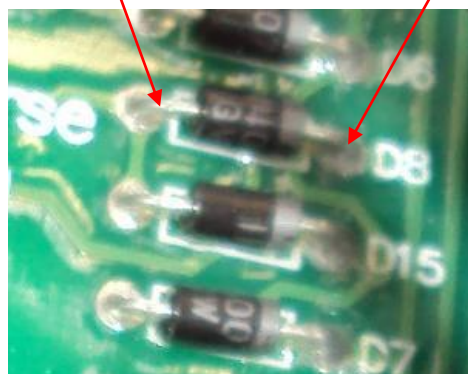
**Action:** Diodes D8 and D15 located near C6 need to be removed from the circuit.

**Note:** Failure to carry out this small modification may result in damaging the rack and pinion system



Location of  
diodes  
D8 & D15

Cut both ends of the diodes and remove the  
black centre part.



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- **Ram Shift units**

These units that have hydraulic rams to traverse cranes.

**Action:** None required - diodes can be left installed on board as delivered.

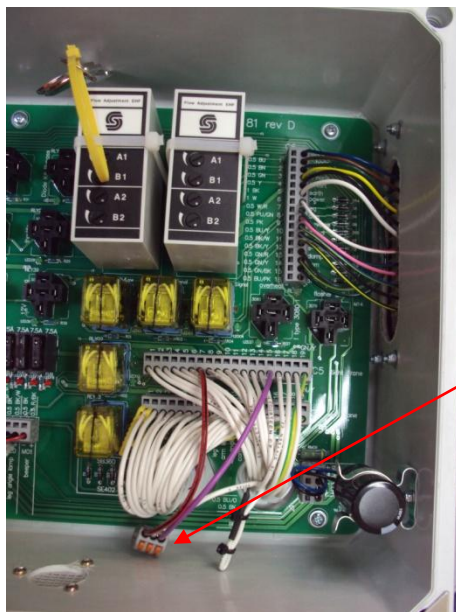
### Safety Feature Installation

The replacement PCB has the facility to provide an extra safety feature not available on earlier units. This is an interlock between the arm functions and the stabilizer legs, to decrease the chance of “roll over” due to incorrect deployment of stabilizer legs.

\*\*\* **Steelbro recommends that you install the PCB with the extra safety feature.** \*\*\*

#### Installing the PCB with the safety feature

- Remove bypass circuit fitted from C5/7/E to C5/15/E by reinstating wires 7 and 15 to C5/7/E and C5/15/E respectively. An extra kit is required, which includes micro switches etc, which would need to be fitted to the Stabilizer Legs.
- Refer to “E0014 SB360 Stabiliser Down Diode Safety Retrofit System Microswitch” for further details.



Bypass Connector