TECHNICAL BULLETIN

TB0011 Field Change to Module Lock/Crane Inhibitor System Units Built after Serial No.SB5599-930 Series 3 Electrics

Date: 16/03/99

A modification kit is available to change the existing system, which disables the cranes when the module lock is either partially or completely disengaged.

The revised system now sounds a warning beeper when the lock is disengaged but will allow the crane system to function normally.

The Kit Consists Of:

1.		Two warning beepers fitted with terminals, cable gland with sleeve and mounting bracket.
2.		Two Hella Part No: 3080 Relays
	a.	For junction boxes located behind the twistlock
	b.	Drawing No. A25850011A original installation
	c.	Drawing No. A2850020A modified installation
3.		For junction box located adjacent to bottom arm cylinder
	a.	Drawing No. B8510-01A original installation
	b.	Drawing No. A2850021A modified installation

Fitting Instructions for (i):(Junction box located behind the twistlock):

1. Prior to removal of the module junction box, mark the position for the alarm on the outside of the junction box ensuring there is sufficient clearance to the twistlock housing.
2. Remove relay item 7 Part No ELE3078 and discard.
3. Drill a 12mm Hole in the junction box for new gland as shown on Drawing A2850021 revA.
4. Remove the green wire #2 from the six-way connector plug.
5. Remove the PVEM power wires from term 87 of the relay base, this terminal can now be connected to position 2 of the six-way connector.
6. The green wire now connects to the terminal strip position 1 "continuous power feed".
7. Thread the beeper wires and gland through the hole drilled in (a) and connect the red/black wire to term 87a of the relay base.

   Note: relay base wiring configuration from relay 3078 to relay 3080. Connect the black wire to term #4 of the 7-way strip. Fit relay and secure with cable tie.
8. Mount the relay on the twistlock side of the junction box.

Fitting Instructions for (ii):(Junction box located adjacent to bottom arm cylinder):

1. Drill a 12mm Hole in junction box for new gland as shown on Drawing A2850021 A.
2. Remove the green wire #10 from the six-way connector plug.
3. Remove the PVEM power wires from term 87 of the relay base, this terminal can now be connected to position 10of the six-way connector.
4. The green wire now connects to the terminal strip position "A" continuous power feed.
5. Thread the beeper wires and gland through the hole drilled in (a) and connect the red/black wire to term 87a of the relay base.

   Note: relay base wiring configuration from relay 3078 to relay 3080. Connect the black wire to term "D" of at the connection bar. Fit relay and secure with cable tie.
6. Mount the beeper on the twistlock side of the junction box.