

**TB 114**

## TECHNICAL BULLETIN

### INFORMATION ONLY

---

**For the Attention of :** Service Engineers, Trade Customers.

**Date :** 06/07/2011

**Product :** Maxilift Hydraulic

**Subject :** Pawl Device – circuit modification to overcome bent activation arms

**Pages :** 1

---

**Originator :** Stannah Lifts Ltd, Anton Mill, Andover, Hants SP10 2NX 01264 339090

---

#### **Detail**

Following investigation into the cause of Pawl Device arms becoming damaged/bent, we have identified that the root cause is due to the car door close limit going open circuit during lift travel. This is due to the limit not being perfectly set up.

In order to overcome this:

1. Check for correct alignment of the door close limits and adjust to ensure the door close limit does not go open circuit during lift travel;
2. If this does not resolve the problem the pawl device circuit can be modified to move the feed of the 'SR' relay from the potentially sensitive 'CDL' terminal to 'G1', thus removing the possibility of the activation arm remaining extended whilst the lift is in motion.

Note: repairing a damaged activation arm is not recommended – all damaged parts must be replaced and the circuit modified as recommended.

All lift contracts manufactured after 28/02/2011 incorporate the modification and have had the 'SR' relay supplied from the 'G1' terminal.

#### **Action required**

If you encounter a damaged or bent Pawl device arm:

1. Check for correct alignment of the door close limits and adjust to ensure the door close limit does not go open circuit during lift travel;
2. If correct adjustment cannot be achieved carry out a modification to move the feed of the 'SR' relay.

Requests for a "**PAWL device - door feed modification kit**" should be directed to our spares department. This pack contains all relevant components/instructions to move the 'SR' feed from 'CDL' to 'G1'.