



Number: TSB-FC-2015-025 CS7000

Symptom: Squeegee will not lower– Error Code 39 on display

Date: 20th July, 2015

Urgency: LOW: Rework to be done if necessary

Author: Aaron Clark

Urgency:

☐

HIGH: Rework needs to be done immediately

☐

MEDIUM: Rework needs to be done by next possible occasion

☒

LOW: Rework to be done if necessary

☐

GENERAL: General information

SYMPTOM:

The rear squeegee will not lower. Error code 39 may also be showing on the display.

PRODUCTS:

All CS7000's and Haram Captor II

Models 56509000, 56509002, 56509003, 56509004, 56509005, 56509006, 56509007, 56509008, 56511000, 56511001, 56511002, 56384409, 56384410, 56383115

SYSTEM:

Electrical System — MAIN PCB BOX ASSEMBLY

ISSUE:

Main control board fails to provide outputs for raising or lowering the squeegee actuator. This is often accompanied by Error Code 39 –Squeegee Actuator Overload on the display panel even with the Squeegee Actuator disconnected from the machine.

CAUSE:

In some applications the main (PCB) control board squeegee actuator output may exhibit reduced life, especially if the actuator circuit is drawing excessive amperage. In some cases the internal actuator wires have been found shorting to the housing causing the circuit to overload.

ECO / ODM #:

A-11134

PRODUCTION CORRECTIVE ACTIONS:

An improved control board design has been implemented into production (7/27/2015). The manufacturer of the squeegee actuator has implemented a new test procedure (7/22/2015) to detect internal shorts.

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with new MAIN PCB installed as Standard equipment:

Implementation Shipping Date: 7th July, 2014

Serial Number: 1000059665



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FIELD CORRECTIVE ACTIONS: (All machines built prior to Serial Number 1000059665)

Replace Main Control Board. Before installing new board, the wiring to the actuator should be checked for a short to the frame. The internal wires in the squeegee actuator should be inspected for a possible internal short to the housing. Remove the actuator cover and inspect the wires. See Fig.1 & 2

SPARE PARTS or Kits Needed:

56511565 CONTROL BOARD KIT - To resolve main control board issue with squeegee actuator circuit

56509247 ACTUATOR SQUEEGEE LIFT - If internal short is found or if actuator is drawing more than 5A while running

COMPONENT LOCATIONS / PICTURES:

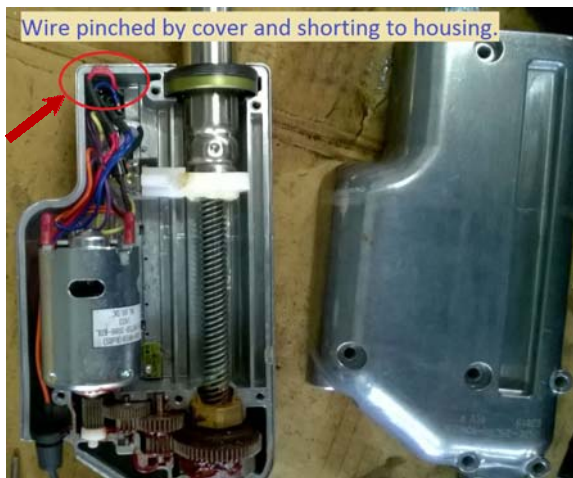


Fig.1



Fig.2

