



## SERVICE LETTER

Service Letter Number	Simplex Model	Issue Date	Revision	Revision Date
SL2010-007	R44III (244)	June 29, 2010	I/R	June 29, 2010

**Approved By:**

Tim Pyle  
Sustaining Engineering and QA Manager

**Subject:** Spray system boom valve control head adapter update

**Applicability:** This service letter is applicable to Simplex Manufacturing Model R44III spray systems serial numbers 244/0001 thru 244/0007.

**Summary:** During test operations it was discovered that the spray system boom valve internal circuit breaker system would be tripped if the valve was switched quickly on and off. This leaves the valve inoperable for approximately 20 seconds before it resets.

Simplex contacted the manufacturer of the boom valve and discovered a fix was already available and retrofittable to the existing parts.

**Purpose:** This service letter provides instructions for the installation of the boom valve harness adapter to allow proper operation of the boom valve.

**Compliance:** Required for proper spray system boom valve continuous operation

**Weight and Balance:**

No effect.

**Electrical Loads:**

No effect.

**Equipment:**

P/N 000-152019-002 harness adapter (Supplied by Simplex)

**Consumables:**

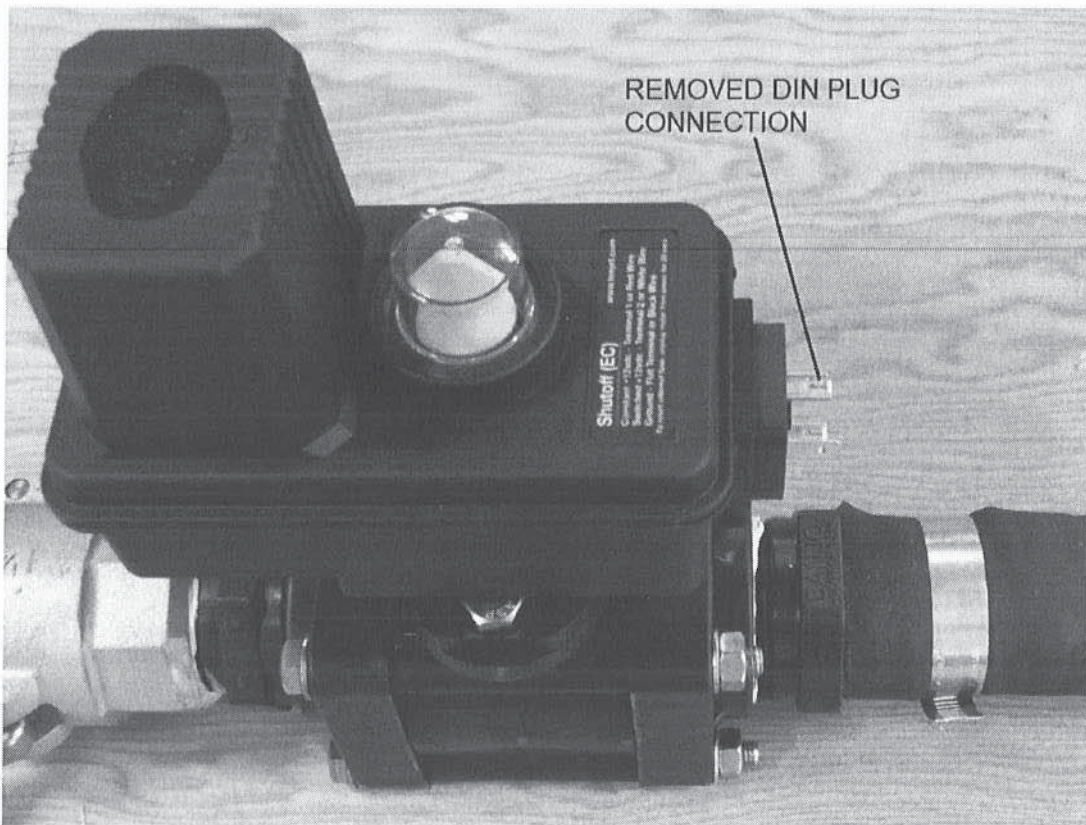
None





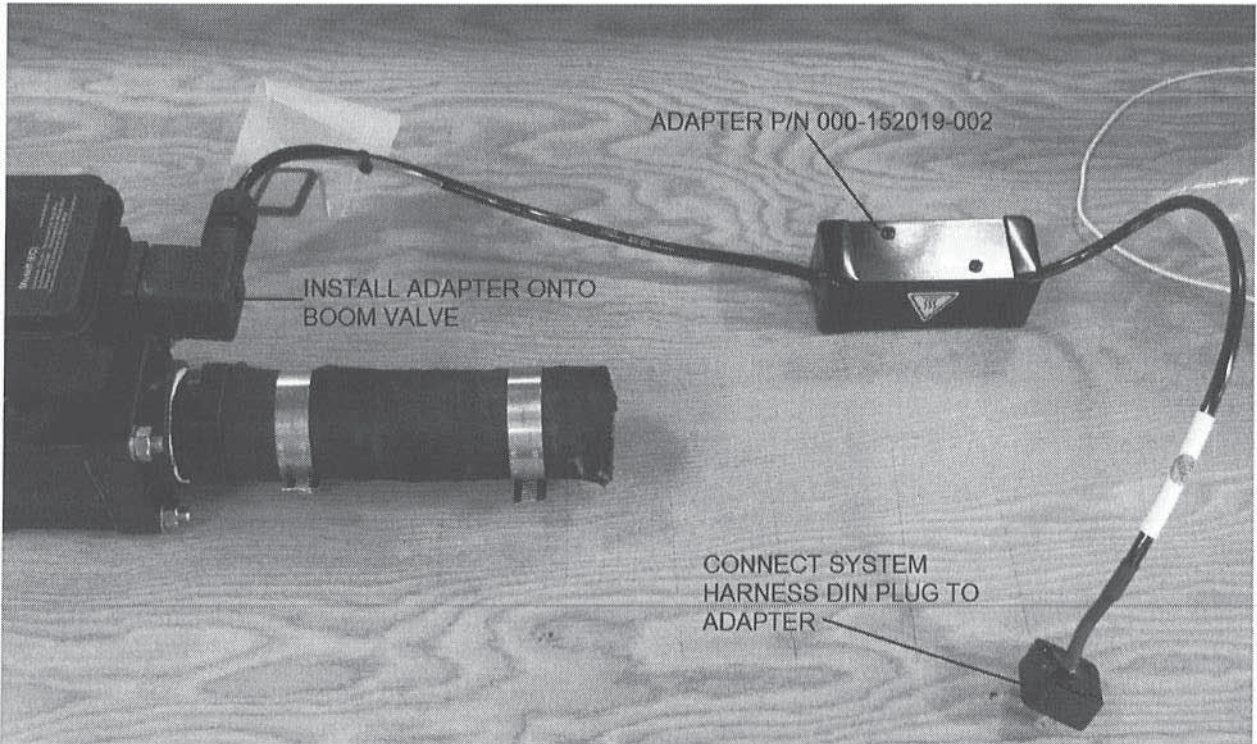
**Procedure:**

1. Remove the spray boom valve wiring harness din plug from the boom valves (Figure 1).
2. Attach adapter to boom valve and re-connect spray boom valve wiring harness DIN plug to the adapter (Figure 2).
3. Modification completed.



**Figure 1**





**Figure 2**

