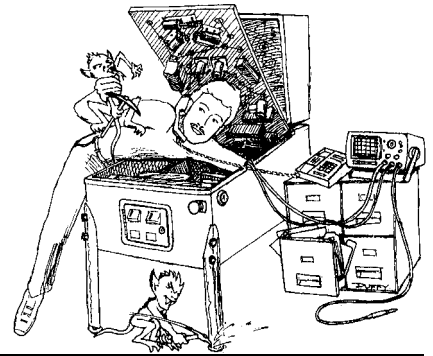




# N<sup>o</sup> 141 SERVICE BULLETIN



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Technical Support Doc.  
Administrator

**TO:** Parts & Service Managers

**DATE:** August 13, 2003

**SUBJ:** T3™ Shooter Lane Switch Actuator Adjustment

### Symptom:

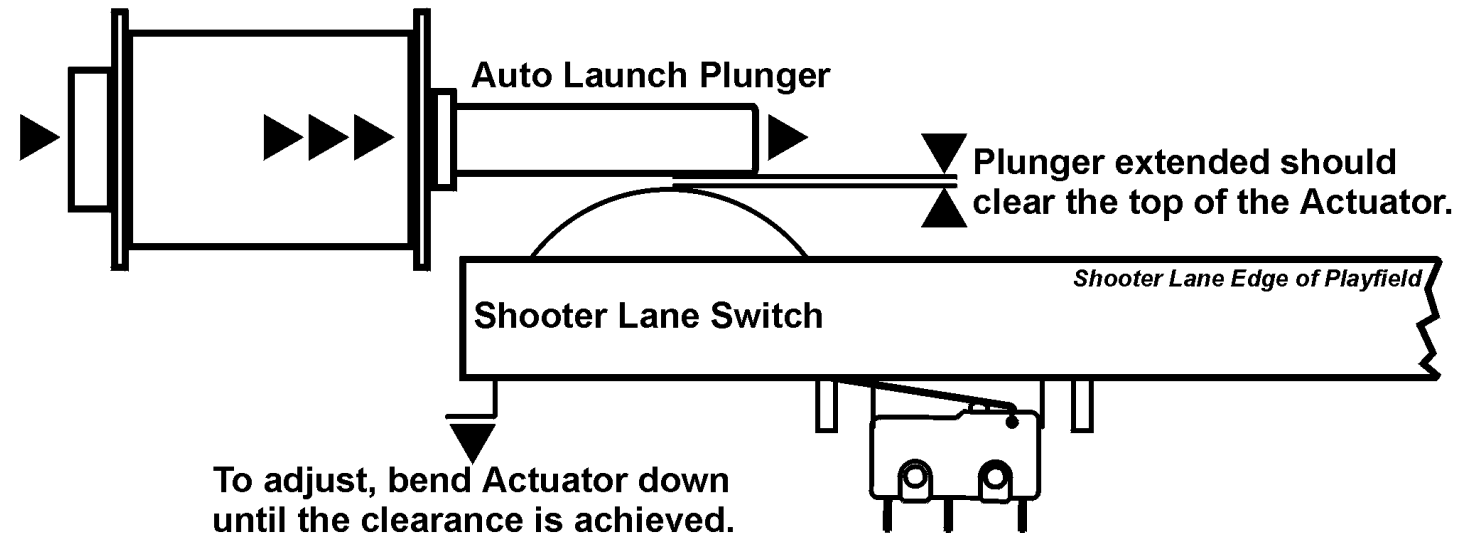
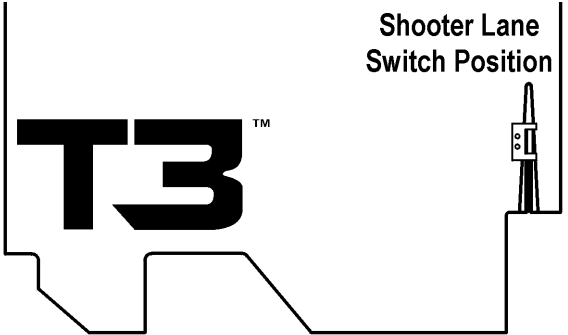
The **Auto Launch Coil** fires repeatedly causing damage to the coil and possibly the **Q2 Drive Transistor** located on the I/O Power Driver Board (*above J8 Connector, bottom right*).

### Explanation:

The **Shooter Lane Switch Actuator** is adjusted *too high*. This makes it possible for the Auto Launch Plunger to hit the switch actuator which causes a switch closure. The **CPU** then repeatedly energizes the coil every time it reads a *Shooter Lane Switch Closure*. *The coil then overheats and may damage the Q2 Drive Transistor.*

### Solution:

Adjust the switch actuator down so the Auto Launch Plunger fully extended (*use finger*) will clear the top of the actuator.



### Note:

While inspecting the Auto Launch Assembly, ensure that the coil wires are not pulled too tight which can cause breakage at the lugs due to vibration. Create more slack by gently pulling the wires from the harness.

Please phone or eMail with any questions or comments at the below numbers or address.

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