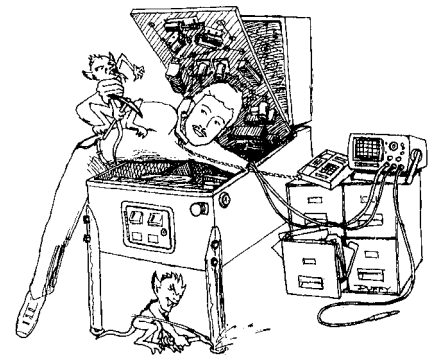




Nº 145 SERVICE BULLETIN



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TO: Parts & Service Managers

DATE: December 9, 2003

SUBJ: Terminator 3® Auto Launch Diode Harness
Installation (SPI Part Number 502-5017-00).

T3™

This *Service Bulletin 145* works in conjunction with *Service Bulletin 142*, whereas a preventative measure, we asked you to rotate the Auto Launch Coil (ref. S.B. 142) and also install the additional *Parallel Suppression Diode* (see below).

Symptom:

Auto Launch Coil fails, **F21** blows (50v Coil Fuse), possible **Q2** short (I/O Board).

Explanation:

Due to excessive vibration from the plunger striking the retaining bracket, the diode leg(s) break off causing **Q2** to short.

Solution:

Install Diode Harness (ask for SPI Part Nr. 502-5017-00).

Procedure:

Step 1. Locate the Auto Launch Assembly under the playfield. *With the playfield up and leaning against the Backbox, the Auto Launch Assembly is on the upper right corner (Shooter Lane side).*

Step 2. Locate and unplug the 2-Pin Connector from the Auto Launch Coil and the existing Playfield Harness (**2, Left & Right**).

Step 3. Install one side of the *new* Auto Launch Diode Harness (**3**) to the existing Playfield Harness (**2, Left**).

Please Note: Make sure the YEL-VIO Wire from the existing Harness (**2, Left**), matches up with the YEL-VIO Wire from the new Harness (**3**).

Step 4. Install the other side of the *new* Auto Launch Diode Harness (**4**) to the existing Auto Launch Coil Harness (**2, Right**).

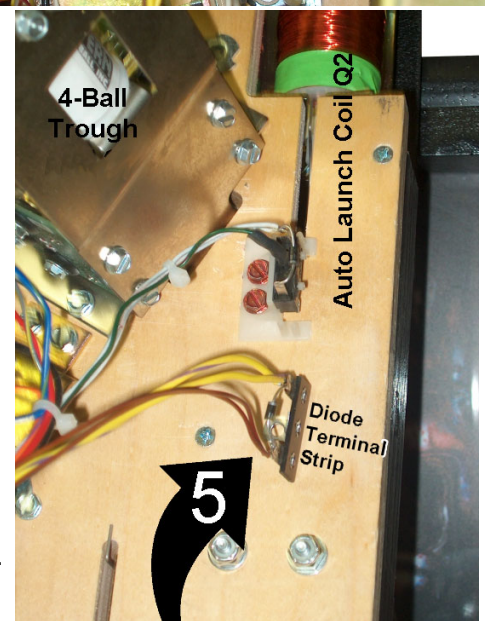
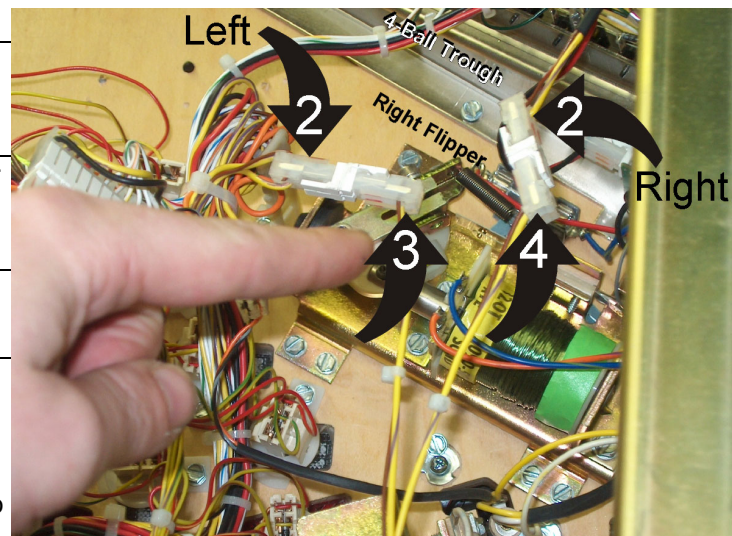
Please Note: Make sure the YEL-VIO Wire from the new Harness (**4**), matches up with the YEL-VIO Wire from the existing Auto Launch Coil Harness (**2, Right**).

Step 5. Locate a safe place under the playfield adjacent to the Auto Launch Assembly to install the Diode Terminal Strip with the ¼" Hex Head Wood Screw provided (**5**).

Please Note: Be sure to dress the wire away from any moving assemblies.

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

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