



Service Bulletin #189

November 13, 2017
Ghostbusters, Aerosmith, Batman, Star Wars (All Models)

Core Node Stabilization Kit 502-7061-00

Notice: The latest models will already have a cable tie and/or spacer installed on nodes 8 and 9. Service is only necessary if your game is missing these adjustments on either node board.

For Games:

- Ghostbusters (all models)
- Batman (all models)
- Aerosmith (all models)
- Star Wars (all models)

Announcement:

It has come to our attention that a potential issue could arise with the D9 diode located on node boards 8 and 9 located under the playfield.

Symptom:

Upon powering up the game, the message "LOCATING NODE BOARD / 8 / NODE NOT FOUND" is displayed on the LCD display.

Explanation:

The node board has lost its 6v power source and lost communication with the CPU board.

Problem:

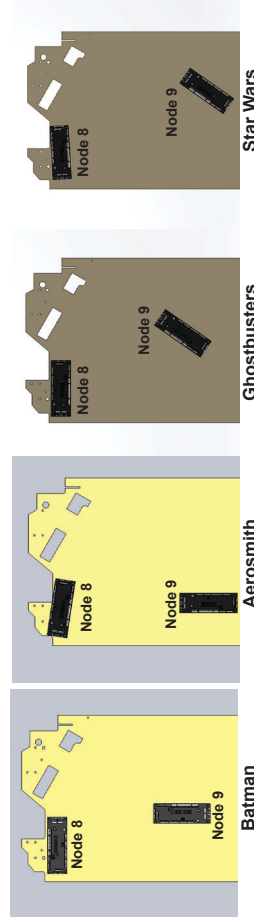
The leads of the D9 diode have physically broken due to the extensive amount of vibration that occurs on the playfield. The D9 diode had 2 thin leads compared to the 3 thicker leads that are on transistors located on the node board.

Solution:

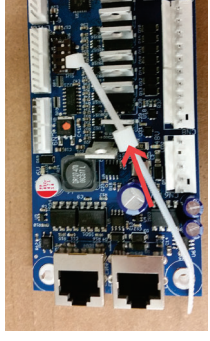
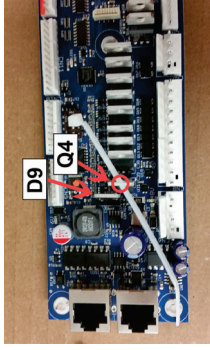
Install the spacer and cable tie kit to improve the mechanical stability of the D9 diode (Ask for SPI part number 502-7061-00).
US customers should contact Stem Pinball, Inc. at 800-542-5377 or Parts.Service@stempinball.com
All customers outside of the US should contact their distributor.

Procedure:

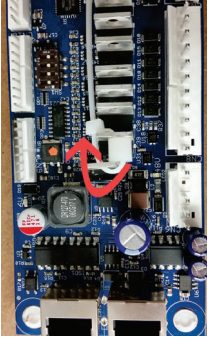
1. Locate node board 8 and 9 under the playfield.



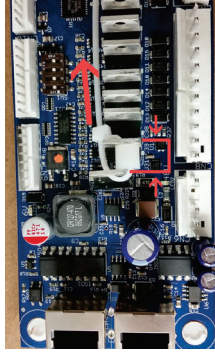
2. Route the cable tie through the metal tab hole in Q4. Fit the spacer over the cable tie so that the spacer is next to Q4.



3. Route the cable tie around and through D9 and then loop it back to the other end.



4. Secure the cable tie by hand (no tools) snug enough to capture the spacer between the D9 and Q4 tabs.



5. Trim cable tie excess.

