

# SERVICE BULLETIN

**Subject: GS-Series Pinsetter - New Ball Cushion Frame Assembly**

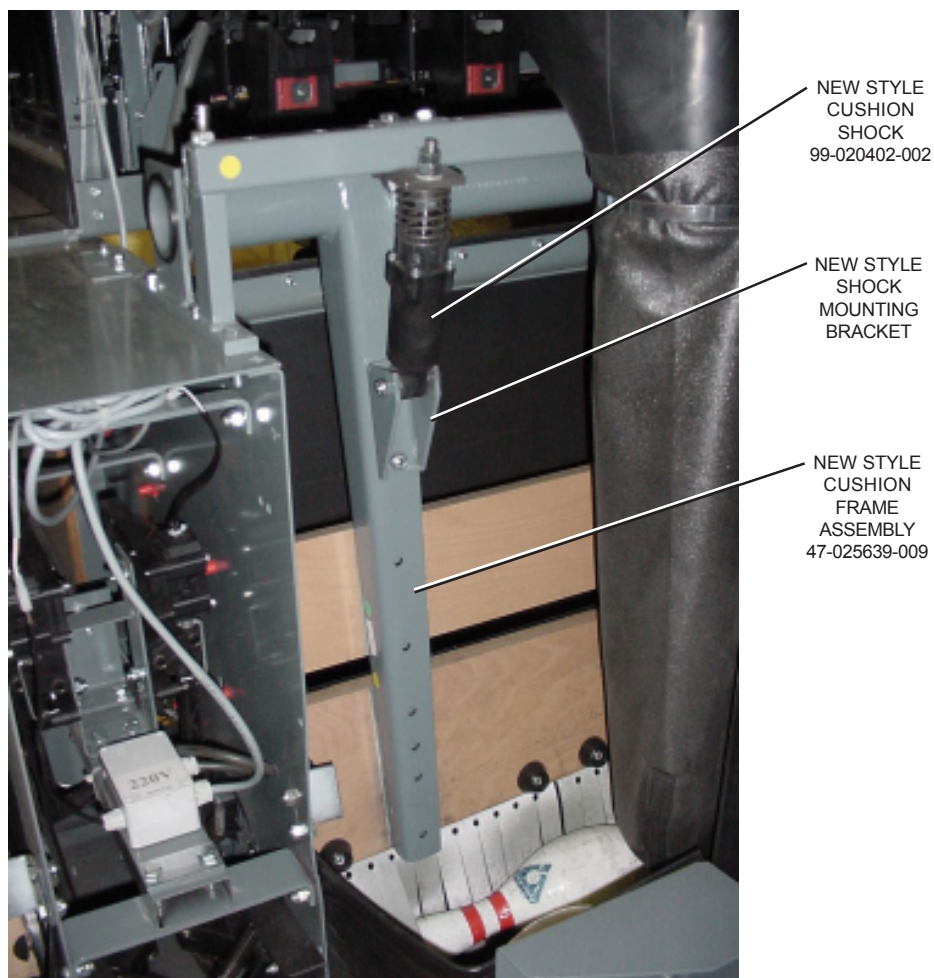
**Date: 8/23/04**

**Distribution: GS Pinsetter Customers**

**Bulletin No. SB04-5**

We are pleased to announce the following information regarding a GS-Series Pinsetter component part improvement.

Based on feedback from our customers and distributors, we have thickened the material on our ball cushion frames. We have also added a new mounting bracket for the cushion shock. The previous version of mounting bracket was a welded assembly. This resulted in some issues with weld stress areas in the cushion material. The new cushion shock bracket is bolted to the cushion frame. Refer to Figure 1.



*FIGURE 1*

The new style of heavy duty ball cushion frame went into production pinsetters starting with series 512 machines.

The part number for the new heavy duty ball cushion frame, which includes the shock mounting bracket, is 47-025639-009.

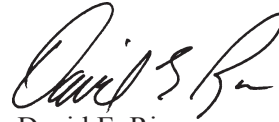
*Note: When ordering this new ball cushion frame assembly, you must make sure that the cushion shock you are using is the new style shock, refer to Figure 1, without the shock fluid reservoir. The older type shock will not fit into the new cushion frame shock bracket. Part number of the new shock is 99-020402-002.*

This new ball cushion frame assembly is usable in all models of GS-Series pinsetters.

If you have any questions about this Service Bulletin, call the Customer Support Line at 1-800-323-8141 (USA). For assistance in international bowling centers, contact your local Brunswick area office.



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