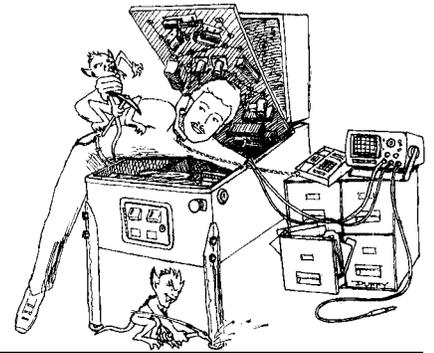




Nº 123 SERVICE BULLETIN



Joe Blackwell Director, Parts Sales & Technical Support	Susan White Parts Sales Manager	Tashia Miles Customer Service Representative	Patty Schrap Parts Stockroom Manager	Jim Thornton Technical Support Engineer	Chas Siddiqi Technical Support Engineer	Jay Alfer Technical Support Doc. Administrator
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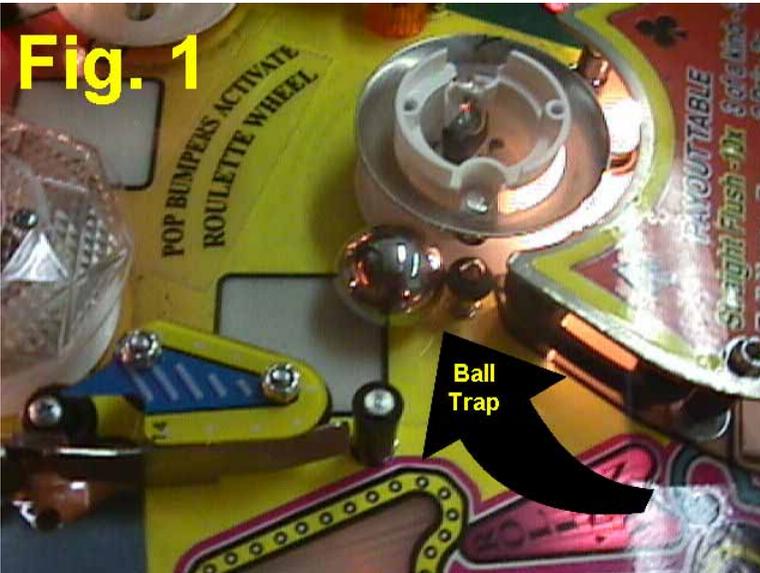
TO: Parts & Service Managers

DATE: March 6, 2001

SUBJ: Ball Trap Fix @ Bottom Bumper

Tools Required:

- Drill
- 3/32" (or 2.5mm) Drill Bit
- Phillips Screwdriver



Symptom:

Ball trap at the Bottom Bumper (See Fig. 1).
Indication is a high number in Audit 35, Ball Search Started or Customer Complaints.

Problem:

The **Post** by the **Bottom Bumper**, which was added to increase **Bumper Action**, created a **Ball Trap** if the **Post** was positioned slightly away from the Bumper. Removing the Post to a slightly better position is **Not Recommended** as the new position's resulting hole would be too close to the original hole which would not hold the Post.

Procedure:

Step 1: Remove the **Bottom Bumper Cap** to expose playfield. Using a **3/32" (or 2.5mm) drill bit**, create a **60° angled** (towards Bumper) **pilot hole** not more than 1/8" (<3.2mm) deep into the playfield (See Fig. 2). This hole should be positioned 5/16" (7.94mm>8mm) from the **Bumper Skirt (White Plastic Ring above the playfield)** and 5/16" (7.94mm>8mm) from the **Post** closest to the **Bottom Bumper** (See Fig. 3). **Note:** The angled pilot hole is important so the screw's final position is slightly angled to keep the ball from sitting on the screw.

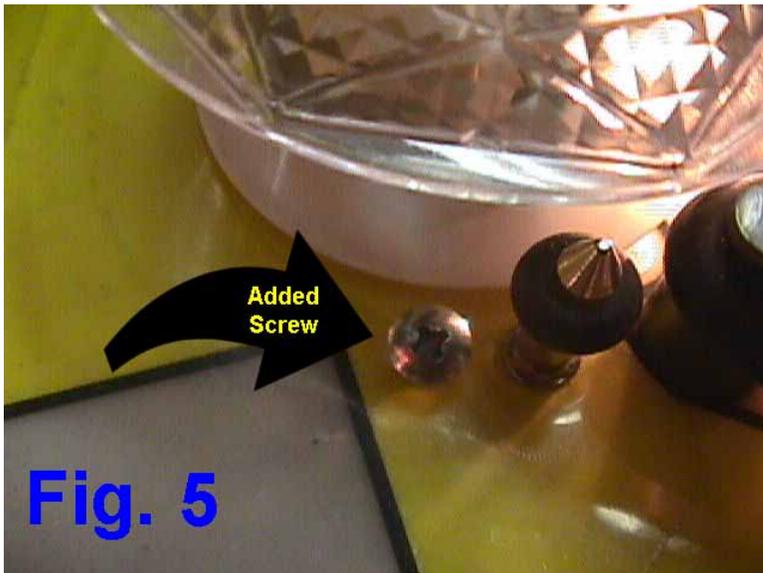
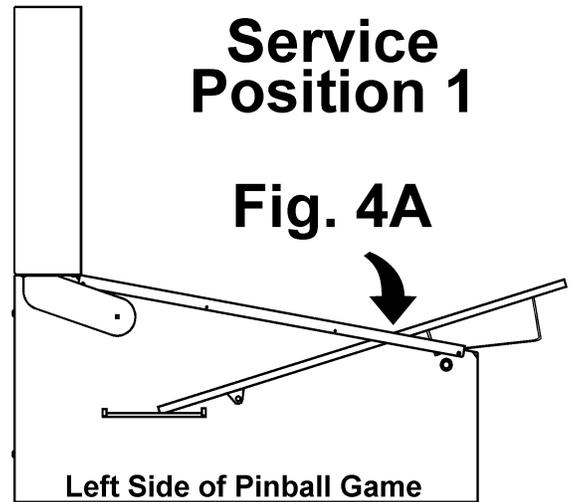
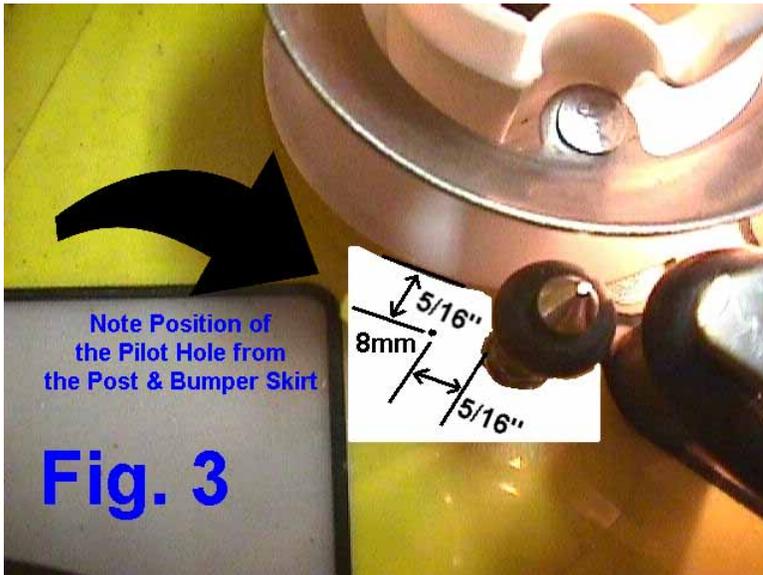
Step 2: Locate a #6 X 3/4" Phillips Pan Head Screw from the Plastic Piece under the Left Ramp (See Fig. 4). This screw is not really essential to securing the Plastic Piece and is hidden from view. Pull the playfield up into **Service Position 1** (See Fig. 4A) to access screw with a Phillips Screwdriver.

Step 3: Use a phillips screwdriver to install the screw just removed (Step 2) at the angle created by the pilot hole (See Fig. 5).

Continued on next page.



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

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