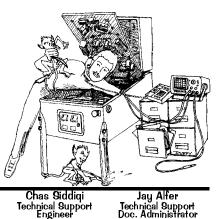




Patty Schraps Parts Stockroom Manager



Parts Sales Manager Director, Parts Sales & Technical Support Parts & Service Managers TO:

DATE: March 6, 2001

SUBJ: Ball Trap Fix @ Bottom Bumper

Tools Required:

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



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 phillps 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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Jim Thornton

Technical Support Engineer

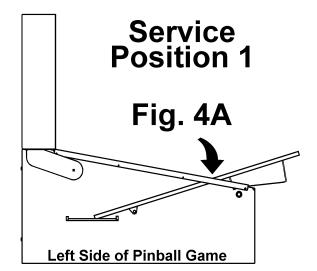
Ball trap at the Bottom Bumper (See Fig. 1). Indication is a high number in Audit 35, Ball Search Started or Customer Complaints.

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.











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

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