



Williams ELECTRONICS GAMES, INC.

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DIVERTER GATE ASSEMBLY BINDING

The necessary parts to complete the procedures in this service bulletin can be obtained from your nearest **AUTHORIZED WILLIAMS' DISTRIBUTOR**. The two part numbers are 03-8042 plastic washer and 20-8712-18 "E" ring clip. **WILLIAMS** recommends the following to prevent binding of the Diverter Gate Assembly. A step-by-step summary follows:

OBJECT: To put more plunger length inside the diverter coils in the "rest" position.

1> Locate Tab (C). Bend the tab inward with pliers, pressing the diverter gate (E) toward the right side of the game. Bend Tab (C) until the gate is flush with Gate Port in the plastic trough, and does not interfere with ball travel in the plastic trough.

2> Locate Anti-Magnetic Plunger Stop (D). Bend plunger stop forward until gate (F) is flush with Gate Port in plastic trough, and does not interfere with ball travel in the plastic trough.

OBJECT: To prevent magnetic binding in the Diverter Mechanism.

1> Remove E-Ring (N). Remove Pin (J) from plunger pivot assembly. Replace steel Washer (L), using Plastic Washer. Reassemble plunger pivot assembly by pushing the Pin (J) up through the Bell Crank (K), Plastic Washer (L), Plunger (M), and secure the assembly by reattaching the E-Ring (N).

OBJECT: Use of Preventive Maintenance to prevent binding of Diverter.

1> Clean off areas (A) and (B) to prepare surfaces for lubrication. Lightly oil all areas marked (A). Apply a thin coat of grease to (B).

