



## Service Bulletin #39

To: Service Managers  
From: Data East Pinball Service Department  
Date: June 22, 1993  
Subject: ROM Revision 5.00 for Early Jurassic Park Games

**Symptom:** DINO Assembly mouth coil locks on.

**Cause:** The Dinosaur assembly is designed to grab the ball each time it bends over to "feed". If the teeth are too straight, sometimes the dinosaur can not properly grip the ball resulting in it slipping from the dinosaur's mouth. When this condition occurs, and, the ball drains to the outhole before the dinosaur is in the upright position, (TOP SWITCH ON), the mouth coil remains energized, resulting in possible damage to the coil and its associated transistor driver (Q26).

**Cure:** If you find that the ball slips out of the dinosaurs mouth, gently bend the metal forming the upper teeth slightly outward, this will insure the ball is "swallowed" every time. Additionally, the updated CPU ROM sent with this bulletin will prevent this Lock-Jaw condition from occurring even when the conditions described above are simulated. We strongly urge all games be updated to this version (5.00).

In addition, this program also allows the dinosaur to operate more intelligently. In the past, when the center switch was not found on its initial search, the assembly would be disabled. Now, this search will be resumed each time the T-Rex "feed mode" is enabled.  
Note: The CPU ROM will be shipped with the current display ROM (5.00) to insure every game has a matched set.

If you have any further questions, please contact Jim or Arnie at 800-542-5377.