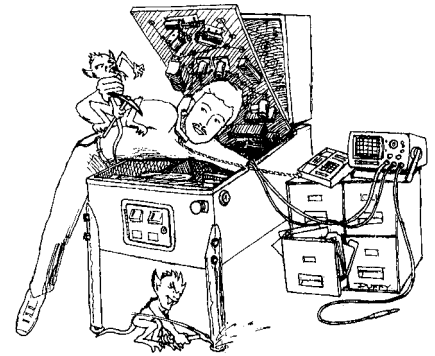




Nº 146 SERVICE BULLETIN



Joe Blackwell Director, Parts Sales & Technical Support	Susan White Parts Sales Manager	Patty Schraps Parts Stockroom Manager	Chas Siddiqi Technical Support Engineer	Patrick Powers Technical Support Engineer	J. Alfer Technical Support Doc. Administrator
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TO: Parts & Service Managers

DATE: December 18, 2003

SUBJ: FYI: The Lord of the Rings™
Tower Eject Learning Mode

THE LORD OF THE RINGS™

Announcement

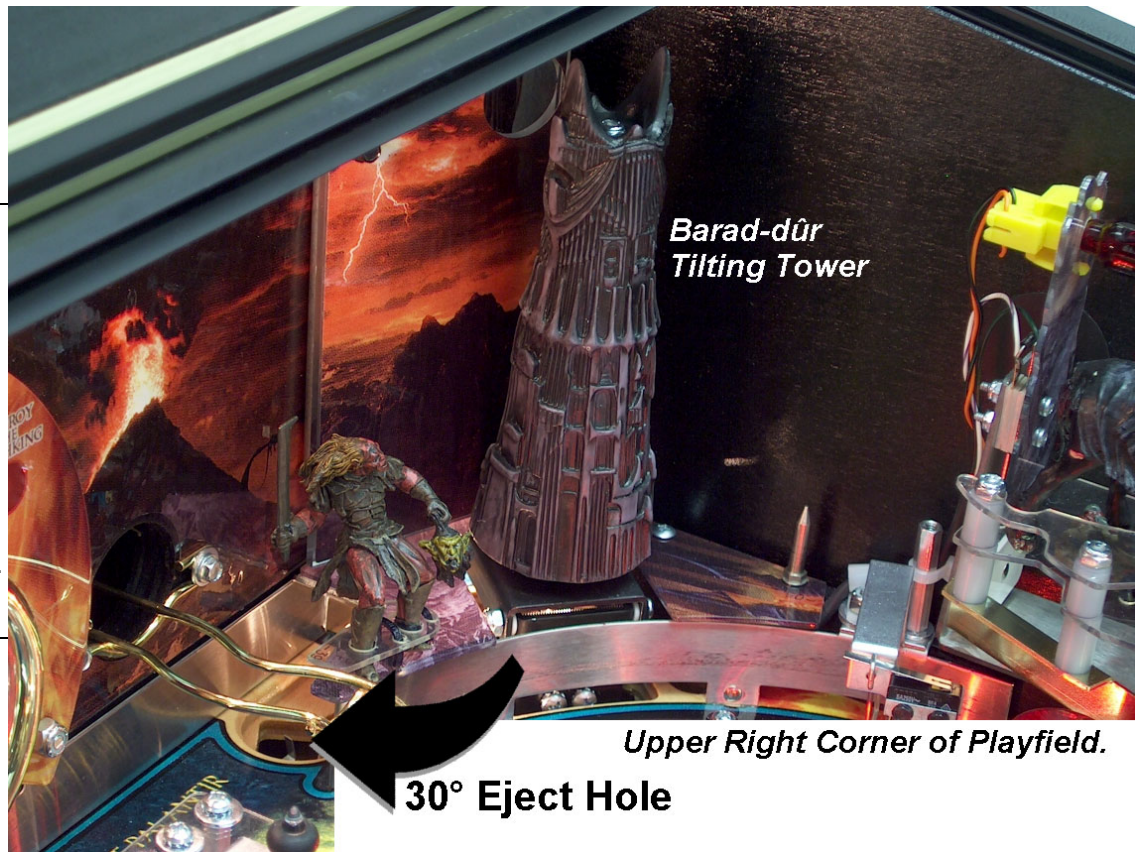
We have received some calls regarding the **30° Eject** (next to the *Barad-dûr Tower*) located in the upper right corner of the playfield.

Symptom:

A technician opens a new game in the box. The tech opens the coin door and loads the balls into the game, then starts a game. While playing the game, the ball is shot into the 30° Eject Hole (next to the right tower). The ball does not get kicked out, but, the technician can hear the game trying to kick it out by the sound coming from the speakers.

Explanation:

This coil has a **LEARN MODE** to ensure it can kick the ball out into the top lanes by using the proper pulse regardless of low/high line voltage, dirt, and/or game pitch. The game will not go through **LEARN MODE** with the



*Barad-dûr
Tilting Tower*

Upper Right Corner of Playfield.

30° Eject Hole

Coin Door Open (memory protect switch open). This will not be an issue once the game has found it's pulse (typically within 3 attempts). The last thing our factory technicians do before giving the game to our packing department is a Factory Restore. This resets the pulse to its lowest value, since the Coin Door is open it will not go into LEARN MODE.

Solution:

Close the Coin Door and drop or shoot the ball into the 30° Eject Hole. It will find its proper pulse in 3 kicks and stay that way even if the door is opened. In v4.10+ CPU, we have changed the default pulse to a stronger pulse when the Coin Door is open, so there will be no confusion in the future with new out of the box games.

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

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S.B. Nº 146
Page 1 of 1

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