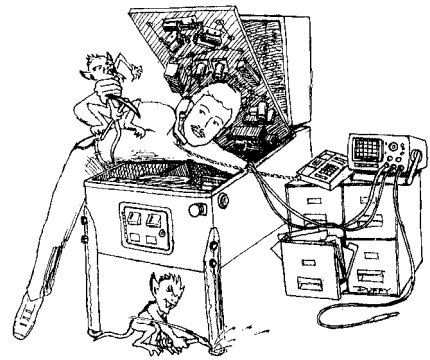


Service Bulletin N° 94



Joe Blackwell
Technical Support Manager

Eric Winston
Technical Support Engineer

Ted Kilpin
Technical Support Engineer

Jay Alfer
Tech. Doc. Administrator

TO: Parts & Service Managers

DATE: March 3, 1997

SUBJ: Flipper Alignment Spots

Starting with our game Lethal Weapon 3 through our current games, we had added two (2) spotting holes to help the technician ensure the flippers are aligned correctly. There is one (1) small spotting hole at the front end of each flipper bat (see Fig. 1, Ref. A).

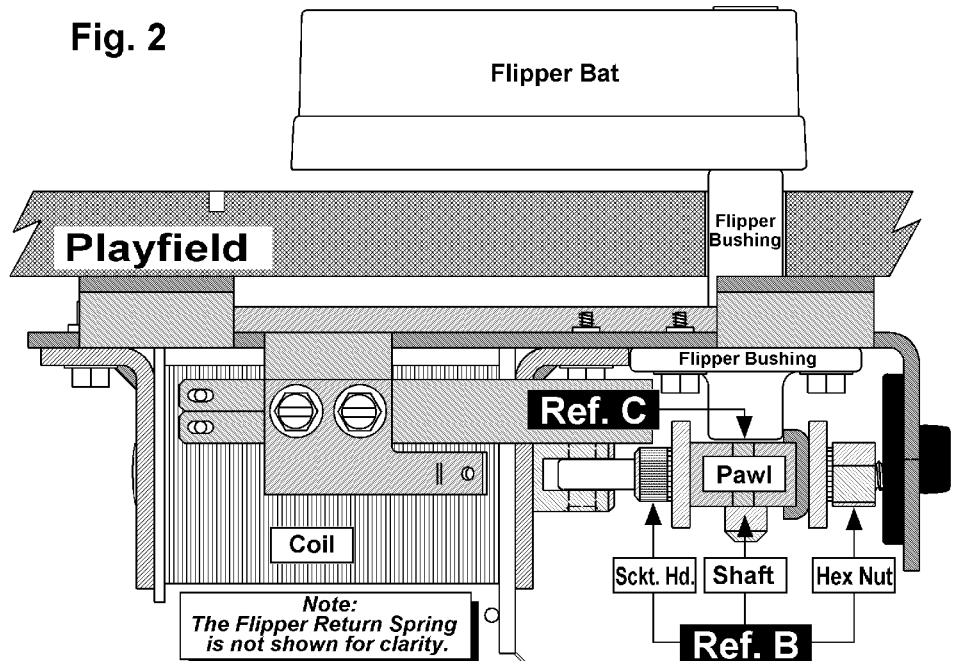
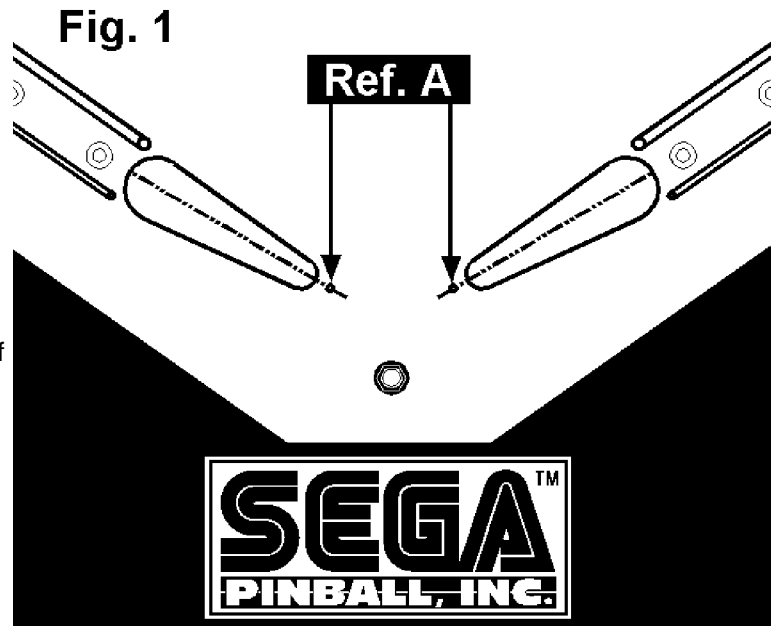
Proper alignment is achieved by centering the ends of each flipper bat to each spot mark. The Flipper Bats can become out of alignment with excessive use or if the assembly was removed / loosened for servicing.

Procedure:

- ① Lift playfield and support.
- ② Loosen the Hex Nut and Socket Head Screw (tightens / loosens Pawl to shaft) just enough so that the Flipper Bat & Shaft moves with some resistance (see Fig. 2, Ref. B).
- ③ Center the end of each Flipper Bat to each spot mark (see Fig. 1, Ref. A).
- ④ Retighten the Socket Head & Hex Nut (closing the Pawl onto the Flipper Shaft) ensuring the Flipper Bat is now in the correct position.

Please Also Note: Ensure there is minimal up & down movement of the Flipper Shaft and Pawl. The space between the Pawl and the Flipper Bushing (white plastic) should be no more than a 1/32" (see Fig. 2, Ref. C). Any more or less may cause premature failure to Flipper Assembly Components. If there is too much up & down movement, refer back to the above procedure steps & adjust accordingly.

Fig. 2 Note: Our current Flipper is shown (used from Batman Forever through current). The old style flippers did not have a hex nut.



Service Bulletin N° 94

Here's another improvement from the folks at **Sega Pinball**. Because you asked for it your getting it! We have put together several flipper parts rebuild kits & remember their just for you.

This KIT is for your:

Left Flipper Assy. SPI Part N°: 500-5944-XX

use the enclosed:

LEFT FLIPPER REBUILD KIT

SPI Part N°: 500-6306-10

which contains:

Description	SPI Part N°	Qty.
• Plunger Link & Pawl Assy. Left	515-6518-01	1
• Flipper Bushing	545-5594-00	1
• #10-32 X 3/8" HWH Swage	237-5985-00	2
• #8-32 X 3/8" HWH TF Swage	237-5975-00	2
• #10 Lock Washer	246-5002-00	2
• Coil Sleeve	545-5388-00	1
• Coil Sprt. Brkt.	535-7356-00	1
• Coil Stop Sub-Assy.	515-6308-01	1
• Flipper Return Spring	265-5035-00	1
• EOS Switch	180-5149-00	1
• Service Bulletin N° 94 Copy (reverse side)		

Service Bulletin N° 94

Here's another improvement from the folks at **Sega Pinball**. Because you asked for it your getting it! We have put together several flipper parts rebuild kits & remember their just for you.

This KIT is for your:

Right Flipper Assy. SPI Part N°: 500-5944-XX

use the enclosed:

RIGHT FLIPPER REBUILD KIT

SPI Part N°: 500-6306-00

which contains:

Description	SPI Part N°	Qty.
• Plunger Link & Pawl Assy. Right	515-6518-00	1
• Flipper Bushing	545-5594-00	1
• #10-32 X 3/8" HWH Swage	237-5985-00	2
• #8-32 X 3/8" HWH TF Swage	237-5975-00	2
• #10 Lock Washer	246-5002-00	2
• Coil Sleeve	545-5388-00	1
• Coil Sprt. Brkt.	535-7356-00	1
• Coil Stop Sub-Assy.	515-6308-01	1
• Flipper Return Spring	265-5035-00	1
• EOS Switch	180-5149-00	1
• Service Bulletin N° 94 Copy (reverse side)		