

# Service Bulletin N° 84

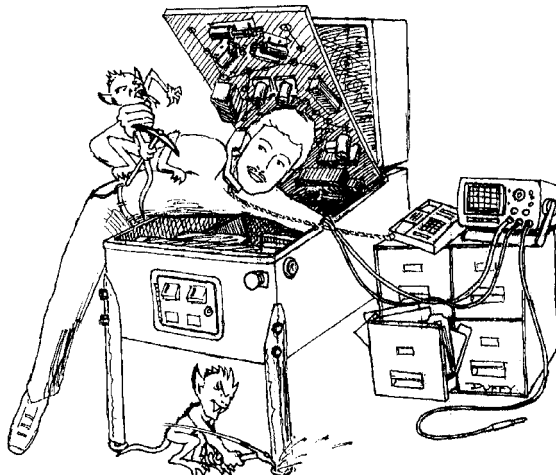


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## Technical Support

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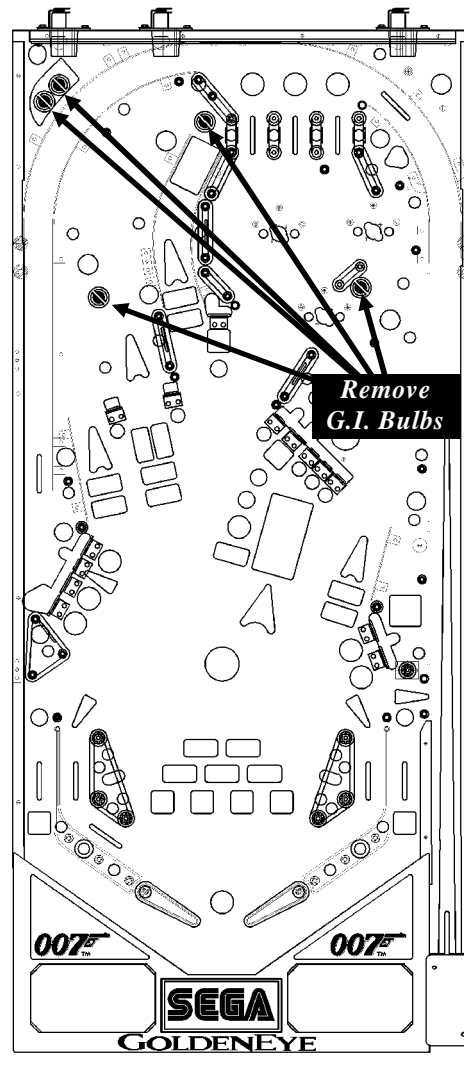
TO: Parts & Service Managers

DATE: March 5, 1996

SUBJ: **GOLDENEYE** Fuse/Power Updates **Fig. 1**

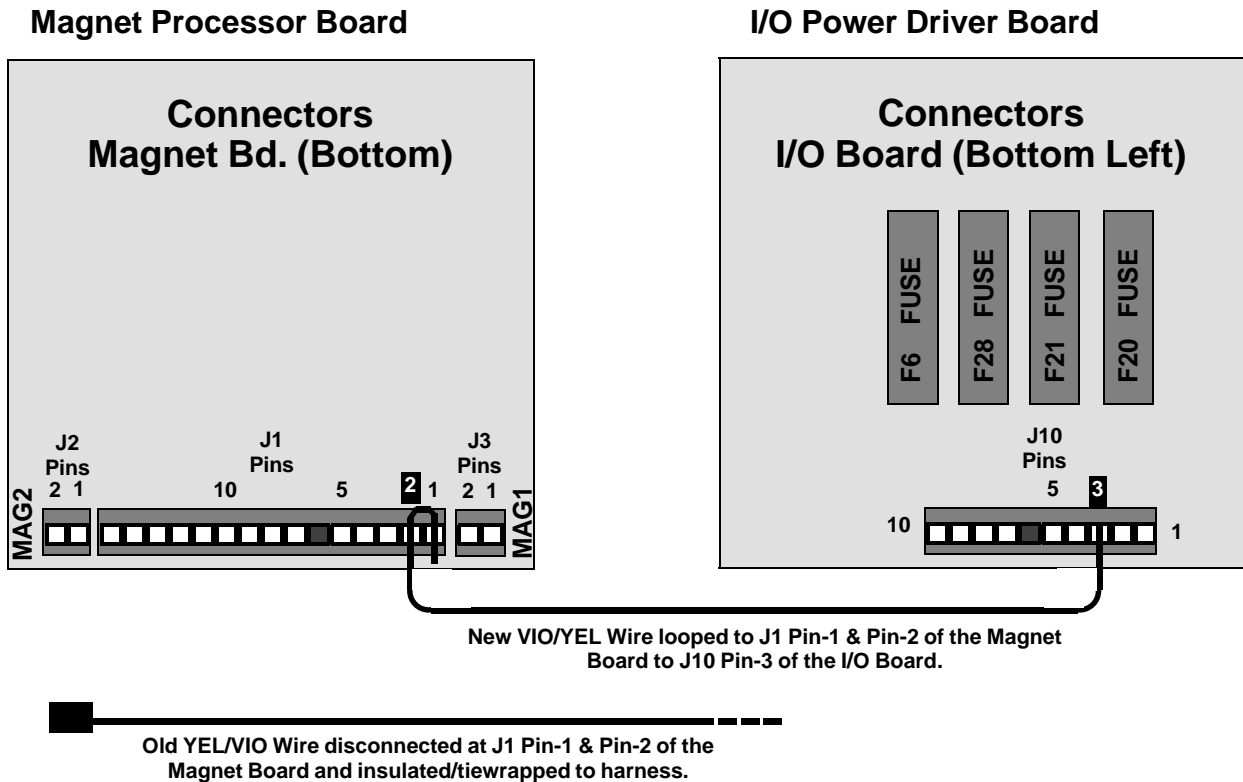
<b>SYMPTOM ¶ :</b>	General Illumination (G.I.) Fuse F27 (5 Amp 250v Slo-Blo 6.3v AC), intermittently blows on the I/O Power Driver Bd.
<b>REASON:</b>	Due to too many bulbs on this particular G.I. string. The removal of these G.I. bulbs will relieve the excess load, which was causing the fuse to blow.
<b>SOLUTION:</b>	Per <b>Fig. 1</b> (Golden Eye Playfield Layout) simply remove 5 of the designated bulbs noted with:
<b>CAUTION:</b>	Putting in a larger ampage fuse will/ could cause more damage to G.I. circuit. ((DO)) ((NOT)) ((OVER)) ((FUSE))

<b>SYMPTOM · :</b>	Fuse F21 (3 Amp 250v Slo-Blo 50v DC), intermittently blows on the I/O Power Driver Board.
<b>REASON:</b>	Fuse fatigue due to excessive loading of the F21 50v DC source.
<b>SOLUTION:</b>	Rewire the 50v DC source to the Magnet Processor Board so that it is connected to Fuse F20 (3 Amp 250v Slo-Blo 50v DC) output on the I/O Power Driver Board instead of the F21 output (See <b>Fig. 2</b> on the next page).
<b>PROCEDURE:</b>	<i>Continued on page 2.</i>



<b>SYMPTOM</b> :	<i>Continued from page 1.</i>
<b>PROCEDURE Step 1:</b>	<p>Locate the Magnet Processor Board which is mounted under the playfield.</p> <p>Disconnect the YEL/VIO Wire from the J1 Connector Pin-1 &amp; Pin-2 (<i>Note how the wire is 'looped' in the connector, See Fig. 2</i>). and insulate the exposed end using electrical tape or shrink tubing then tiewrap it to the playfield harness so that it is not hanging loose.</p> <p><i>(Location: On the under playfield, the J1 Connector on the Magnet Bd. can be found perpendicular on the Right Side near the middle next to the Satellite Launch Ramp.)</i></p>
<b>PROCEDURE Step 2:</b>	<p>Run a new wire (VIO/YEL if available) from the Magnet Processor Bd. J1 Pin-1 looped to Pin-2 then to the I/O Power Driver Board J10 Pin-3 (<b>See Fig. 2</b>). Dress the wire along the playfield harness using tiewraps to secure it.</p> <p><i>(Location: In the Back Box, the J10 Connector on the I/O Power Driver Board can be found on the bottom right board at the bottom edge near left directly under Fuses F21 &amp; F20.)</i></p>

**Fig. 2**



If you have any questions or concerns, please feel free to call us at 1-800-542-5377 or 708-345-7700.