

Trough Popper Assembly, 500-6850-00 (Items 1-10)

and Plastic Under-Trough (below) Individual Parts Only (Items A, B & C)

Side View

For Securing Hardware, see the Parts Table below, under the item desired.

Nr.	TROUGH POPPER PARTS	QTY.	SPI PART Nr.
1	Trough Popper Bracket Welded Asm.	1	515-7423-00
Item 1 is secured below the playfield by: #8 X 1/2" SHWH AB (Zinc) (Qty. 4) (234-5101-00)			
2	Coil Retaining Bracket	1	535-5203-03
Item 2 is secured to Item 1 by: #8-32 X 1/4" Slit. SHWH (Zinc) Wax (Qty. 2) (237-5975-04)			
3	Spring Washer (17/32" ID X 3/4" X 1")	1	269-5002-00
4	Coil, 23-800	1	090-5001-00T
Coil has a Diode (1N4004) (112-5003-00) positioned @ top (above lugs next to windings). Requires : Coil Insulator (Fiche Paper) (545-5431-00)			
5	Coil Sleeve (Short) (Formost #10-7077)	1	545-5076-01
6	Steel Plunger Assembly	1	515-7309-00
7	Compression (Return) Spring	1	266-5020-00
8	Rubber Bumper (Grommet)	1	545-5105-00
9	Micro Switch (Heavy Duty) Y-Actuator	1	180-5116-01
Switch requires a Diode (1N4004) (112-5003-00) located on a Terminal Strip, read note ▼.			
10	Switch Body Protect Plate	1	535-6539-00
Items 9 & 10 are secured to Item 1 by: #2-56 X 7/16" PPH MS (Zinc) (Qty. 2) (237-5872-01)			
Ordering Note: If 500-6850-00 is unavailable, order the individual part(s) actually required.			

Special Note:

DOTS: The Switch Diode, 1N4001, is not located on this Assembly (nor included); it's located on a Terminal Strip under the playfield. See Sec. 5, Chp. 2, **Playfield Terminal Strips...**, Page 111, for more details.

Take Note:

⊖ **Coil Note:** ⊖ Either -00B or -00T can be used for coil replacements. B/T listed is preferable for easier diode access & may differ on game.

3 The space between Items 2 & 4 is exaggerated to view Item 3.

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Sec. 4: Drawings ...

Nr.	UNDER-TROUGH PARTS	QTY.	SPI PART Nr.
A	Plastic Under-Trough No Parts	1	545-6230-00
Item A is secured below the playfield by: #8 X 1/2" SHWH AB (Zc.) (Qty. 8) (234-5101-00)			
B	Impact Disc (with Pem Stud)	1	515-7440-00
C	Impact Plate (with Pem Studs)	1	515-7441-00
Items B & C are secured to Item A by: #8-32 Nylon Stop Nut (Qty. 1/per stud) (240-5102-00) and #8 Washer (Qty. 3) (242-5005-00) (ASM. REF. 500-6854-00, Items A-C)			

Plastic Under-Trough (feeds ball to Trough Popper above) Individual Parts Only (Items A-C)

