

C-13174-R
C-13174-L

Flipper Assembly (Right)
Flipper Assembly (Left)

Item	Part Number	Description	Item	Part Number	Description
1.	B-13104-R	Flipper Base Assy, Right	21.	B-10655-R	Crank Link Assembly, Right
*	B-13104-L	Flipper Base Assy, Left	*	B-10655-L	Crank Link Assembly, Left
2.	03-7811 WNS073	End of Stroke (EOS) Sw.	a)	02-4179	Link Spacer Bushing
3.	RM-21-06	Sleeve, Vinyl (Cap. leads)	b)	4010-01086-14	Cap Screw, 10-32 x 7/8, SH
4.	5045-12098-00	Capacitor, 2.2 μ Fd, 250V, 20%	c)	4700-00023-00	Flatwasher, 5/8 x 13/64 x 16ga.
5.	4701-00002-00	Lockwasher, #6 Split	d)	4701-00004-00	Lockwasher, #10 Split
6.	4105-01019-10	Sh. Metal Screw, #5 x 5/8	e)	4410-01132-00	Nut, 10-32 ESNA
7.	23-6622	Tape, Double-sided	f)	A-10656*	Flipper Link Assembly
8.	4008-01079-05	Cap Screw, 8-32 x 5/16	1.)	02-4219	Coil Plunger
9.	4701-00003-00	Lockwasher, #8 Split	2.)	20-9370-1	Spring Pin, 5/32 dia. x 7/16
10.	01-9375	Switch Mounting Bracket	3.)	03-8050-1	Flipper Link
11.	03-7520-2	Ty-Wrap, Nylon	g)	B-10657-R	Flipper Crank Assy, R.
12.	20-6516	Speednut, Tinnerman	*	B-10657-L	Flipper Crank Assembly
13.	4010-01066-06	Cap Screw, 10-32 x 3/8, SH	1.)	01-8073-R	Flipper Crank, Right
14.	4701-00004-00	Lockwasher, #10 Split	*	01-8073-L	Flipper Crank, Left
15.	A-12111	Flipper Stop Assembly	2.)	17-1037	Crank Washer
16.	HW-30018-6	Wire, 18 AWG, Blue	3.)	4010-01066-18	Cap Screw, 10-32 x 1-1/8
17.	FL-11630	Flipper Coil (Red)	4.)	4410-01127-00	Nut, 10-32 Hex Head
18.	01-7695	Solenoid Bracket	5.)	4700-00107-00	Flatwasher, 5/8 x 13/64 x 12ga.
19.	4006-01017-04	Mach. Screw, 6-32 x 1/4	6.)	4701-00004-00	Lockwasher, #10 Split
20.	10-376	Coil Plunger Spring	7.)	RM-23-06	Tubing, H. S. 1/4 DWP
			22.	23-6577	Bumper Plug
			23.	03-7568	Flipper Bushing
			24.	4006-01005-06	Mach. Screw, 6-32 x 3/8
			25.	4406-01117-00	Nut, 6-32 Hex.

* Items for *Left Flipper Assembly* Only.

Flipper Assembly Notes...

- Each Flipper Assembly on the Lower Playfield is mounted beneath the playfield, in conjunction with the plastic Flipper Paddle and Shaft (20-9250-6) and Flipper Rubber (23-6519-4) on the upper side of the playfield.
- The tip of the EOS Switch must travel 0.150 (+ .010, - .000) inch, before the contacts fully open, with the flipper in the actuated position. The EOS Switch contacts must have a gap of 0.062 (\pm .015) inch. Adjustment of the EOS Switch must be made at a minimum distance of 0.25 inch from the switch body.
- All moving elements of the assembly must operate freely, with no evidence of binding.
- The large end of the Coil Plunger Spring (item 20) must fit within the four lugs of the Solenoid Bracket.
- For coil replacement, remove the Solenoid Bracket (Item 18) to prevent screw damage.
- Use Loctite™ 242 when reattaching screws to the Flipper Stop Assembly, the Solenoid Bracket, and the Flipper Bushing.
- When replacing their Bumper Plug (item 22) to restore proper flipper operation, readjust the flipper paddle and shaft position.
- Solid-color blue wire connects to the banded end of each diode, mounted on the connector end of the Flipper Coil (item 17). Trace-color wire connects to the unbanded end of the diode.