

## Model 1929 Parts Conversion Chart

This list to be used if you have a Model 1929 Newgy Table Tennis Robot and you are looking for a Robo-Pong 2000 part that will substitute for it.

1929 Part #	1929 Part Name	2000 Part #	2000 Part Name	Notes
752-201	Center Trough Assembly	mismatch		different shape, color
752-202	Metal Net Support	mismatch		not used
752-204	Center U Support Upright	mismatch		diff. size
752-205	Back Support Plate	mismatch		not used
752-206	Net Support Tube Curved	mismatch		diff. length, curve
752-207	Support Leg, L	mismatch		diff. size, curve, can use 2000-110 if it is bent slightly so robot sits level on table
752-208	Front Support Plate	mismatch		diff. attachment
752-209	Net Support Plate, Front	mismatch		diff. shape, size, color
752-210	Net Support Plate, Rear	mismatch		diff. shape, size, color
752-212	Support Leg, R	mismatch		diff. size, curve, can use 2000-112 if it is bent slightly so robot sits level on table
752-213	Net Support Tube, Straight	mismatch		diff. length
752-217	Net	mismatch		diff. shape, size
752-219	1/4x3/4 Phillips Head Screw	mismatch		not used
752-225	#8x1" Machine Screws	mismatch		diff. thread, can use 2000-302 if replaced along with 2000-310
752-227	#8-32 Hex Nut	mismatch		diff. thread, can use 2000-310 if replaced along with 2000-302
752-228	Large Flat Washer	mismatch		not used
752-229	Rubber Crutch Tip	2000-118	CT Support Leg Tip, 1"	same
752-230	1/4-20 Wing Nut	mismatch		different size, thread
752-232	1/4-20 Hex Nut	mismatch		not used
752-236	1/4-20 x 1" Hex Bolt	mismatch		not used
752-302	Ball Return Tray, L	mismatch		different shape, size, color
752-303	Ball Return Tray, R	mismatch		different shape, size, color
752-304	Tray Strap	2000-140	Tray Strap	same
753-101	Back Panel	mismatch		diff. color, support wings finished on opposite side, can use 2000-142 if you round off top tab & widen opening in bottom of support flange and you

				replace it along with 2000-146, 2000-156, 2000-154, & 2000-318
753-101N	New Back Panel	mismatch		diff. color, support wings finished on opposite side, can use 2000-142 if you round off top tab and widen opening in bottom of support flange
753-102	Front Panel	2000-162	Front Cover	diff. color, shape, could be used for 2000-162 if necessary, but may interfere with ball channeling
753-103	Ball Return Plate	2000-144	Ball Feed Collector Plate	diff. color, not normally seen (covered by balls)
753-104	Ball Return Housing	mismatch		diff. shape, color, attachment
753-105	Ball Return Adapter	2000-196	Oscillator Pivot Guide	different color
753-106	Pan. Gears & Motor Hsng.	2000-204	Oscillator Motor Cover	different color
753-107	Ball Discharge Tube	2000-166	Ball Feed Discharge Tube	different color, not easily seen
753-108	Ball Discharge Housing, L	2000-172	Robot Head Housing, L.	different color
753-109	Ball Discharge Housing, R	2000-174	Robot Head Housing, R.	different color
753-110	Pan. Motor & Gear Frame	2000-206	Osc. Motor Mounting Plate	diff. color, not visible on outside, if replacing 753-110 with 2000-206, use only 2000-326 screws
753-111	Ball Return Motor & Gear Housing	mismatch		not used, can use 2000-146 if replaced along with 2000-156, 2000-154, 2000-318, & 2000-142.
753-111A	Ball Feed Back Plate	2000-146	BF Gear Mounting Plate	diff. color, not easily seen
753-111B	New Ball Feed Motor Frame	2000-156	BF Motor Mount Housing	diff. color, not easily seen
753-111C	Ball Feed Brass Gear Posts	2000-154	BF Transfer Gear Brass Shaft	same
753-111D	Screws For 753-111A	2000-318	BF #4x5/16 Machine Screw	same
753-112	Control Lever Adapter	mismatch		diff. shape, color, can use 2000-198 if replaced along with 2000-200 & 2000-202
753-112N	New Control Lever Adapter	2000-198	Osc. Control Lever Adapter	diff. color, includes lever guard
753-113	Friction Block	mismatch		diff. color (not easily seen), tabs are shorter, can use 2000-192 if replaced along with 2000-190, 2000-184, & 2000-324

753-113N	New Friction Block	2000-192	Ball Feed Friction Block	diff. color, not easily seen
753-114	Old Ball Discharge Wheel	mismatch		not used, has small undulations in wheel surface, can use 2000-190 if replaced along with 2000-192, 2000-184, and 2000-324
753-114N	New Ball Discharge Wheel	2000-190	Ball Speed Discharge Wheel	diff. color, not easily seen
753-115	Motor Cap-Ball Discharge	2000-188	Ball Speed Motor Cover	diff. color
753-116	Ball Return Gear	2000-148	Ball Feed Main Gear	diff. color, not normally seen (covered by balls)
753-117	Osc. Motor & Pinion Gear	2000-148	Osc. Motor W/Brass Gear	same
753-117W	Oscillator Wire	2000-210	Osc. Power Wire	same
753-118	Control Lever, R	mismatch		diff color, shape, can use 2000-202 if replaced along with 2000-198 & 2000-200
753-118N	New Control Lever, R	2000-202	Control Lever, R	diff. color
753-119	Control Lever, L	mismatch		diff color, shape, can use 2000-200 if replaced along with 2000-198 & 2000-202
753-119N	New Control Lever, L	2000-200	Control Lever, L	diff. color
753-120	Ball Discharge Knob Nut			same as 753-227
753-121	Ball Discharge Tube Pivot Screw			same as 753-143
753-123	Ball Gear Fingers	2000-150	BF Main Gear Fingers	diff color, not normally seen (covered by balls)
753-124	Motor Bracket	2000-212	Osc.Motor Mount Bracket	same
753-125	Gear & Pinion Cluster	2000-152	BF White Transfer Gear	same
753-126	Panning Drive Gear	2000-216	Osc. White Drive Gear	same
753-128	Brake-Ball Discharge Tube	2000-168	BF Discharge Tube Brake	same
753-129	Horizontal Pointer	2000-182	Robot Head Angle Pointer	same
753-138	Ball Discharge Adjusting Knob	mismatch		diff. thread, can use 2000-180 if replaced along with 2000-322
753-139	Ball Discharge Comp. Spring	2000-178	RH Steel Ball Spring	same

753-140	Friction Block Spring	2000-194	BS Friction Block Spring	same
753-141	Ball Sp. Motor & Pinion Gear	mismatch		diff. size drive shaft, has right hand threads in shaft, can use 2000-184 if replaced along with 2000-192, 2000-190, and 2000-324
753-141N	New Ball Speed Motor	2000-184	BS Motor W/Brass Shaft	same (has left hand threads in shaft)
753-141W	Ball Speed Coiled Cord	2000-186	BS Coiled Power Wire	same
753-142	Oscillator Gear Washer	mismatch		not used (2000-326 has washer-type head)
753-143	#4x3/8 Self Tap Screw, Bl.	2000-328	#4x3/8 Self Tap Screw	same
753-144	#4x3/8 Self Tap Screw, Gld	mismatch		not used, can be substituted for 2000-328
753-145	Ball Discharge Wheel Screw	mismatch		right hand threads, can use 2000-324 if replaced along with 2000-192, 2000-190, and 2000-184
753-145N	Ball Discharge Wheel Screw, (L Thread)	2000-324	BS Discharge Wheel Screw	same, left hand threads
753-146	Ball Disc. Whl. Lock Washer	mismatch		not used
753-147	#1x3/16 Thread Form. Screw	mismatch		diff. thread, use 753-147 only with 753-110 that has solid plastic posts, do not use if 753-110 has brass posts (use 2000-326 instead)
753-148	Ball Feed Motor & Gear	2000-158	BF Motor W/Brass Gear	same
753-148W	Ball Feed Wire	2000-160	BF Power Wire	same
753-149	#8 x 5/16 Self Tap. Screw	mismatch		not used
753-150	Ball Discharge Spring	2000-170	Ball Feed Discharge Spring	same
753-151	5 Pin Receptacle	2000-218	5 Pin Connector	same
753-152	Connector Cable	2000-220	Connector Cable	end terminals not removable
753-153	Ball Feed Gear Washer	2000-314	Large Washer	same
753-154	Steel Ball	2000-176	Robot Head Steel Ball	same
753-155	Ball Disc. Housing Screw	2000-320	RH #8x1 3/16 Machine Scw	same
753-156	3/16 Motor Mount Screw	2000-330	#2x1/4 Machine Screw	has washer type head, washer not necessary

753-232	3/4 Shoulder Bolt For Trays	mismatch		not used
753-232A	3/8 Lock Nut For Trays	mismatch		not used
753-350	Control Box	2000-224	Control Box	different electronics, labels, has Pong-Master connection
753-350-1	Voltage Regulator (Q1&Q3)	2000-224-8	Osc. & Ball Speed Voltage Regulator	same
753-350-2	Voltage Regulator (Q2)	2000-224-7	Ball Frequency Voltage Regulator	same
753-350-5	Small Capacitor (C1–C4)	2000-224-25	Tiny Capacity	Same
753-350-6	Large Capacitor (C5)	mismatch		both leads at one end
753-350-7	Resistor (R1 & R3)	mismatch		not used
753-350-8	Resistor (R2)	mismatch		not used
753-350-9	Ball Speed Potentiometer	mismatch		longer leads with different shape
753-350-10	Ball Freq. Potentiometer	mismatch		longer leads with different shape, diff range
753-350-11	Osc. Speed Potentiometer	mismatch		longer leads with different shape
753-350-15	Power Jack	2000-224-6	Power Jack	same
753-350-16	Lighted Power Switch	2000-224-17	Lighted Power Switch	same
753-350-25	Foam Pad For Control Box	2000-224-18	Control Box Foam Pad	same
753-350-26	Control Box Knobs	2000-224-12	Control Box Knob	same
753-450	Transformer	2000-222	Transformer Cord	same
900-125	Owner's Manual	mismatch		not the same
900-130	Ball Dams (Pair)	mismatch		diff. shape, size, color
900-134	End Fitting For Conn Cable	mismatch		not used