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Techno Stuff

The parts listed in the common section below can be obtained from a number of suppliers. Rubber parts are cheap, and you should just replace all of them. Don't make the supplier work too hard looking up part numbers - the descriptions should be good enough.

Common stuff/ordinary maintenance

Rubber Parts		
Bally Part #	Quantity	Description
R-108-3	1	Ball shooter tip - small hole - brown or white
R-115-4A	1	Rebound rubber - brown or white.
R-243	30 (max)	5/16" white rings for yellow posts
R-243-2	4 (max)	5/16" grey(dead rubber) rings for red posts. "dead rubber" is less bouncy. May be very hard to find. You can use the standard 5/16" white rings above (and you may find hitting hole #16 is a little easier :-))
R-135A	2	1" white rings
R-295-5	6	3" white rings - only used on Shoot-A-Line
Balls		
Bally Part #	Quantity	Description
M-168-15A	8 (max)	Bally: 1-1/8" diameter. NOTE: a standard pinball is 1-1/16". In general, these won't work. The row of balls in the ball trough will not line up correctly over the trough switches United: 1-1/16" diameter standard pinballs.
Lamps		
Bally Part #	Quantity	Description
		#47 lamps. It is recommended that you replace all the #55 lamps with these. They are a little less bright, but not as hot, so they don't burn the backglass/melt the

E-125-2A	lots!	they don't burn the backglass/melt the playfield light shields. They come in boxes of 10. If you have an OK/red letter game, you'll want to get some red plastic slip-on covers for the #47 lamps, or use red #55 lamps if you have no other options.
E-125-47A	10	#1464 lamps. These are usually the light bulbs used on the bingo cards. They are on a 17V circuit. If you are having trouble finding these, I got a bunch from norman lamps . They probably have a minimum order, and the bulb size is a little bigger, making them harder to insert/remove.

Needed for repair/restoration work

Tools/Major Repair Items		
Item	Quantity	Description
Switch adjuster kit	1	The suppliers have these. Usually you get three to five switch blade adjusters of different shapes so you can bend the switches as needed.
Lamp remover	1	This gadget makes it lots easier to get the lamps out of the backbox panel insert. It's a conical rubber tube that you just push on bulb, twist, and yank. People use all sorts of rubber tubing to accomplish the same thing.
Contact file	1	I've never used one, as I prefer the Dremel tool approach (see Overhaul section). However, if you have a badly pitted contact, and don't want to replace it, I guess it could be useful.
Coils	1	Coils should just be ordered as needed. Use the bally part numbers in the manuals, and the suppliers will cross-reference to a replacement coil. Coils don't fry too often on bingos. If the wire is just broken at the solder lug, unwrap a turn of wire from the coil and solder it back on.
Backglass	1	Well, there are still some out there, but I don't know where they are. Your best chance is probably using the pinball classifieds or the rec.games.pinball newgroup. I can put up a for sale/wanted area if there is enough demand, or maybe consider the backglass rescreening option (typically \$200/glass).
		NOS playfield blanks are practically unheard of. I bought one a couple years

Playfield	1	<p>unheard of. I bought one a couple years ago, and was surprised that they even existed. Since bingo playfields held up pretty well, operators didn't buy replacements. Usually your only choice is to find a parts machine and swap out the playfield.</p>
Motors	1	<p>The ball lift motor can be rebuilt by moto-search (they made them) in racine, wisconsin.</p> <p>Control unit/mixer motors made by Multiproducts can be replaced with new ones.</p> <p>The sealed control unit/mixer motors on early bingos made by Merckle can be replaced with a multiproducts motor, though you may need to deal with the multiproducts motor having a large shaft diameter.</p> <p>I don't know of a supply for the smaller feature unit motors (magic screen, magic square, etc.) made by Molon, but those style motors were used in slot machines, so they should be out there someplace. Fortunately, they rarely cause a problem.</p> <p>See resources.</p>

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THE KING OF PINBALL



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