

1.4 MAINTENANCE

REGULAR MAINTENANCE - (MONTHLY/500 GAMES)

- Remove the playfield glass
- Enter the software diagnostics menu, start lamp test, then clean and wax the playfield.
- While cleaning the playfield, identify and repair malfunctioning lights, loose parts, cracked plastics and worn rubber parts.
- While in diagnostics, enter the switch test (Select the "SW" icon, then "TEST" icon).
- Use a pinball to actuate all switches and verify the correct switch registers with the switch test.
- The game will play a sound to confirm the switch.
- Lift the playfield and inspect all assemblies for loose parts, broken wires or excessive wear. Look at the bottom of the cabinet for any parts that may have worked loose, then find the source.
- Check all coin door mechanisms and bill acceptor (if installed) for proper operation
- Play the game to ensure all coils and features are working
- Check the playfield to ensure it is level and set to the proper pitch using the bubble level on the right side wood rail.
- Check game audits: Replay % and Ball Time and note abnormal values which can indicate problems.
- Ensure game volume is set appropriately for the location.
- Clean both sides of the playfield glass and reinstall.
- Check and clean pinballs and replace if excessively worn or scuffed. Dirty pinballs accelerate game wear.

OVERHAUL MAINTENANCE - (5000 GAMES)

- Verify latest game software is installed
- Check flippers for excessive wear. Excessive flipper sloppiness (vertical or horizontal) or weakness indicates a flipper rebuild is required.
- Clean machine inside and out and check leg levelers for free operation.
- Visual check for loose or broken playfield and cabinet parts and repair as necessary.
- Electrical check: Plug into grounded outlet and check for proper operation through DIAGNOSTICS.
- Replace worn or dirty rubbers.
- Replace pinballs.
- Check all playfield switches with a pinball.
- Check all settings (refer to manual for factory settings).
- Check coin door: With door closed, insert coins to verify proper operation.
- Check for proper adjustment of the plumb bob tilt.
- Play game: Check for satisfactory operation.

COMMON PINBALL TOOLS

- Common nut drivers (1/4", 5/16", 11/32", 3/8")
- Phillips screwdriver
- Standard Allen wrench/Hex key set
- 5/8" Socket with ratchet
- Adjustable wrench (5/8" & 9/16")
- 6" Torpedo Level (or use a pinball)
- Flashlight or headlamp
- Soldering Iron (60w with flat tip), lead-free solder
- Wire cutter
- Wire stripper
- Long nose ("needle nose") pliers

1.5 MAINTENANCE KITS

Description	Part Number
The Beatles Maintenance Kit 8 oz pinball playfield wax (Novus # 2) (675-0003-01) Standard Pinball (260-5000-00) Cleaning Cloth All Playfield Rubber Rings Spare Fuses	502-6002-K8
The Beatles Deluxe Maintenance Kit All standard kit items, plus: Flipper rebuild kits, Left and Right (500-6307-10,-00)	502-6003-K8
The Beatles Playfield Plastics Kit	803-5000-K8
The Beatles Playfield Decals Kit	802-5000-K8 [All]
The Beatles Backbox Decal Left	820-78K8-01 [Gold] 820-78K7-01 [Platinum] 820-78K9-01 [Diamond]
The Beatles Backbox Decal Right	820-78K8-02 [Gold] 820-78K7-02 [Platinum] 820-78K9-02 [Diamond]
The Beatles Cabinet Decal Left	820-78K8-03 [Gold] 820-78K7-03 [Platinum] 820-78K9-03 [Diamond]
The Beatles Cabinet Decal Right	820-78K8-04 [Gold] 820-78K7-04 [Platinum] 820-78K9-04 [Diamond]
The Beatles Cabinet Decal Front	820-78K8-05 [Gold] 820-78K7-05 [Platinum] 820-78K9-05 [Diamond]
The Beatles Playfield, Bare	830-5100-K8
The Beatles Gold Translite	830-8427-K8
The Beatles Platinum Translite	830-8427-K7
The Beatles Diamond Mirror Backglass	830-8426-K9

1.6 COMMON PARTS

Description	Part Number
8 oz Pinball Playfield wax (Novus # 2)	675-0003-01
Standard Pinball, 1-1/16 in	260-5000-00
Flipper Rebuild Kit Left (Standard)	500-6307-10
Flipper Base Plate Kit Left	515-6617-01
Flipper Rebuild Kit Right	500-6307-00
Flipper Base Plate Kit Right	515-6617-00