



SERVICE BULLETIN 1

Issues addressed:

- 1: The post located behind the upper flipper is not always successful in preventing a ball hang-up.
- 2: The location between the upper lanes and upper right ball guide sometimes causes a ball hang up
- 3: Audio volume is low on some machines

Parts provided:

1. HPC-HA1: USB-C to 3mm audio jack
2. HPC-RC1: top lane ball guide extension
3. HPC-CW1: upper flipper ball guide



Tools required:

- Phillips head screw driver – PH2 (for games with Toy Kit installed)
- 7mm spanner / nut driver
- 5mm Hex (Allen) key (optional)

Playfield glass must be removed and put in a safe place to perform the above updates. Machine should be turned off and all balls removed.

USB-C to 3.5mm AUDIO ADAPTOR INSTALLATION

Part Supplied: HPC-HA1 – USB-C to 3.5mm audio adaptor

Tools required: 5mm Hex (Allen) key (optional)

Step 1: Raise the playfield up to service position

Step 2: Remove the HPU clear cover by removing the 4 screws
Place cover somewhere safe

PIC1

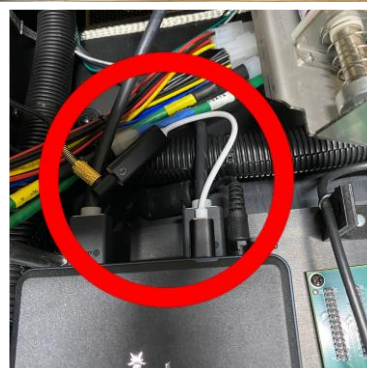


Step 3: Locate and remove the current USB-C to 3.5mm audio adaptor (pic2)

Step 4: Replace the adaptor with HPC-HA1 supplied

Note: Mini PC unit (NUC) should not be removed

PIC2



Step 4: Return the HPU clear cover and secure with screws on each corner. *Note: finger tight is recommended*

Step 4: Return playfield to normal position

Step 6: Remove backglass to access audio amplifier.

Step 6: Remove HAVU clear cover by removing corner screws

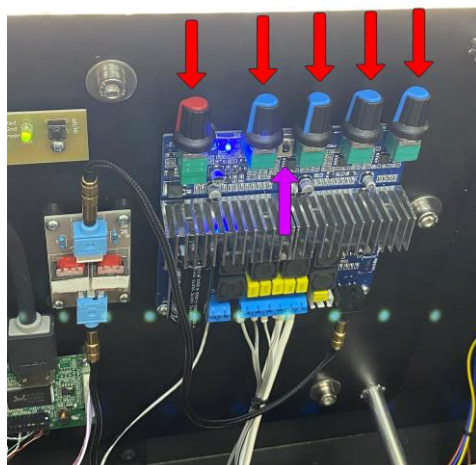
Step 7: Change dials to settings in PIC3

Note: the switch inbetween the first 2 blue dials should be in the UP position (pic 3 purple arrow)

Step 8: Return HAVU clear cover and secure with corner screws

Step 9: Return back glass.

Red: 10 o'clock,
Blue 1: 9 o'clock, Blue 2: 8 o'clock,
Blue 3: 10:30 o'clock, Blue 4: 9 o'clock



PIC3

TOP BALL GUIDE INSTALLATION WITH NO TOY KIT

Part supplied HPC-RC1 – top ball guide extension

Tools required: 7mm spanner or nut driver

Step 1: Take off rampart plastic by removing 3 hex dome nuts (pic1)

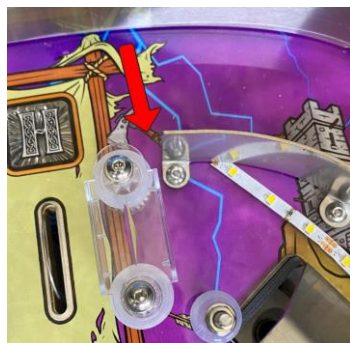


PIC 1

Step 2: Remove cover tape from HPC-RC1 to reveal adhesive surfaces (pic2)



Step 3: Insert HPC-RC1 between the upper ballguide and lane return rubber with adhesive surfaces underneath (pic4). Press onto the ball guide for 30 seconds.



PIC 3



PIC 4



PIC 5

Step 4: Replace rampart plastic and tighten 3 dome nuts

UPPER FLIPPER BALL GUIDE INSTALLATION WITH NO TOY KIT

Part supplied: HPC-CW1 – upper flipper ball guide

Tools required: None

Step 1: Remove cover tape from HPC-CW1 (pic1)



PIC 1

Step 2: Place the hole of HPC-CW1 over the post with adhesive surface underneath till it touches the playfield surface (pic3)

Step 3: Press adhesive back surface against ball guide for 30 seconds



PIC 2



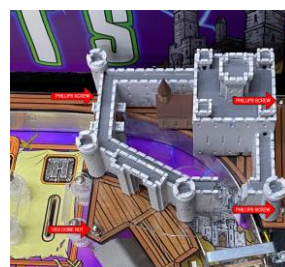
PIC 3

TOP BALL GUIDE INSTALLATION WITH TOY KIT INSTALLED

Part Supplied: HPC-RC1 – top ball guide extension

Tools required: 7mm spanner or nut driver. PH2 Phillips head screwdriver

Step 1: Remove castle toy and supporting plastic by removing 3 screws with Philips head PH2 screwdriver and 1 hex nut with 7mm spanner / nut driver (pic1)



PIC 1

Step 2: Take off rampart plastic by removing 3 hex dome nuts (pic2)



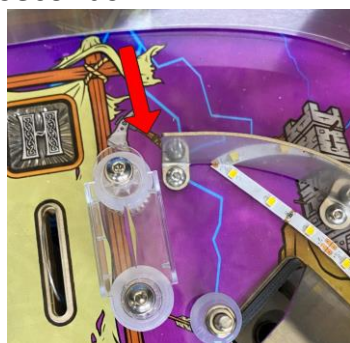
PIC 2

Step 3: Remove cover tape from HPC-RC1 to reveal adhesive surfaces (pic3)



PIC 3

Step 4: Insert HPC-RC1 between the upper ballguide and lane return rubber with adhesive surfaces underneath as shown in pic4. Press onto the ball guide for 30 seconds.



PIC 3



PIC 4



PIC 5

Step 5: Replace rampart plastic and tighten 3 dome nuts

Step 6: Replace castle toy and tighten dome nut and 3 screws

TOP BALL GUIDE INSTALLATION WITH NO TOY KIT

Part Supplied: HPC-RC1 – top ball guide extension

Tools required: 7mm spanner or nut driver. PH2 Phillips head screwdriver

Step 1: Remove Ham'Ish boar toy by taking off 2 dome nuts and 1 Philips head screw (pic1)

Note: slide toy plastic guide to the right to remove from under the druid plastic



PIC 1

Step 2: Remove cover tape from HPC-CW1 (pic2)



PIC 2

Step 3: Place the hole of HPC-CW1 over the post with adhesive surface underneath till it touches the playfield surface (pic3)

Step 4: Press adhesive back surface against ball guide for 30 seconds.



Step 5: Replace Ham'Ish boar toy with 2 dome hex nuts and philips screw.