FOLLOW THESE INSTRUCTIONS TO PERFORM UPGRADE ON YOUR MACHINE

EA SPORTS™ PGA TOUR® GOLF CHALLENGE EDITION

Upgrade Kit Instructions

040-0068-01-UK Rev C

> ➢ **Read this manual before use.**
> ➢ **Keep this manual with the machine at all times.**

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EA SPORTS™ PGA TOUR® Golf Challenge Edition Upgrade Kit

This kit upgrades your existing EA SPORTS™ PGA TOUR® Golf cabinet to run the new **Challenge Edition**.

Upgrade Kit Contents

Part #	Description
040-0068-01-UK	Upgrade Instructions (This Document)
040-0062-01-UK	System Manual
040-0063-01	Software Restore Guide
47004-00	Welcome Kit
050-0074-01	Maygay Build System Recovery Disk
050-0072-01	DFI Build System Recovery Disk
050-0077-01	Game Install Disks (Two CDs)
45010-00	SmartCard Reader Assembly
H4-MEMOHASP	Game Dongle
PGA05K-AW-01-UK	Marquee Artwork
PGA05K-AW-02	SmartCard Reader Artwork
PGA05K-AW-09-UK	Accept The Challenge Artwork
08335	2-Port USB card

Primary Steps

1. Check BIOS (CMOS) Settings.

2. Power OFF the cabinet.

3. Install the NEW USB card.

4. Install the SmartCard Dispenser (**optional, separate kit - Part #90541-00-UK**).

5. Install the SmartCard Reader.

6. Install the Software.

7. Install the Cabinet Artwork.

8. Refer to the System Manual to register and set up your cabinet.

Tools Required

- 7mm Spanner.
- Phillips Screwdriver.
- 2.5mm Allen Key.
- Soft Cloth.
- PS2 Windows Keyboard (for use if checking bios settings)

Check the BIOS (CMOS) Settings

If you are comfortable using the CMOS Setup Utility, refer to the Key BIOS Settings section below. Otherwise, you can contact CVA's technical help team for assistance 020-8594-1234.

Key BIOS Settings

Press the DEL key during boot to enter the CMOS Setup Utility, and then check the following settings:

Menu	Item	Setting
Standard CMOS Features	Halt On	No Errors
Advanced BIOS Features	First Boot Device	CDROM
	Second Boot Device	Hard Disk
	Third Boot Device	Disabled
Advanced Chipset Features	Memory Frequency For	DDR266
Power Management Setup	PWR Loss Resume State	Turn On

*If a Floppy Disk Drive is installed, set Floppy as First Boot Device, CDROM as Second Boot Device, and HDD-0 as Third Boot Device.

When finished, press **F10** or select **Save and Exit** and press **Enter.** Select **YES** to confirm.

Install the 2-Port USB Card

1. Disconnect the cabinet from the AC power.

2. Disconnect the cables from the system computer and remove it from the cabinet. Place on table or workbench and remove the side panel.

3. Discharge yourself by touching the computer casing.

4. Remove original USB ports by removing positioning screw with a Phillips screwdriver. Disconnect connector from mother board, then pull out unit as shown in Figure 1.
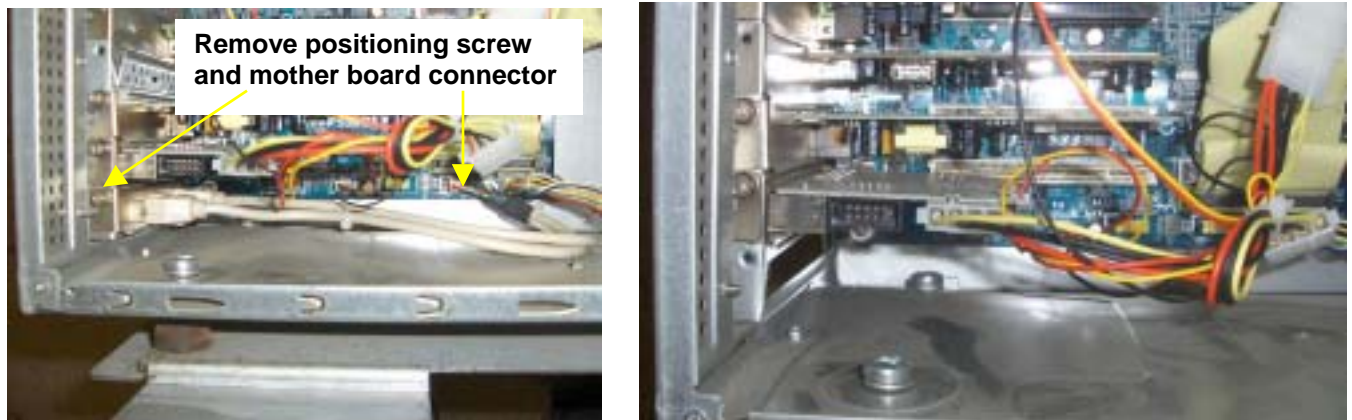

Remove positioning screw and mother board connector

Figure 1.   Removing Original USB Ports

5. Push out spare PCI slot blanking plate as shown in Figure 2, then install new USB card into the spare slot and secure with the positioning screw you removed previously.

Install USB Card, and secure using positioning screw
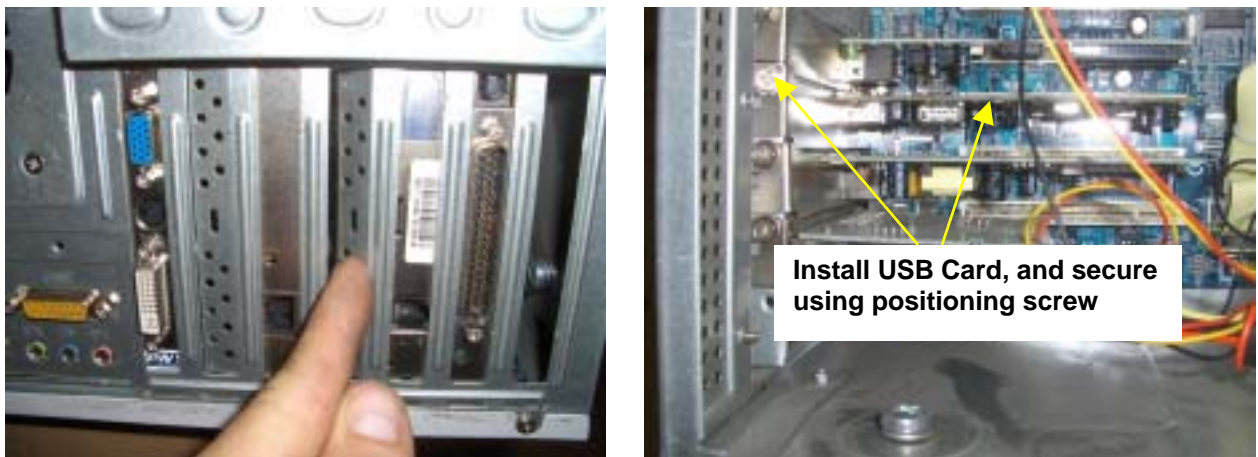
Figure 2.   Remove Blanking Plate And Fit New USB Card

6. If you are fitting a SmartCard dispenser kit, this is the ideal time to fit the DB25 connector, following the instructions in the kit.

7. Replace the computer and secure in place. Refer to the system manual for connections.

Important: Ensure that the USB cables from new SmartCard reader and the USB cable from Nytric Card are both connected to this new USB Card (<u>DO NOT </u>use the USB ports on mother board).

Install the SmartCard Reader

The SmartCard reader is required to use the new features of **Challenge Edition**.

1. Disconnect the USB cable from the existing card reader and remove or tie back out of way.

2. Remove the two (2) screws that secure the existing card reader to the cabinet, and remove the card reader through the front of the cabinet (see Figure 3).

Figure 3.   Removing The Old Card Reader

3. From inside, position the new SmartCard reader in the card reader location and secure it with the two (2) Allen key bolts and kep nuts (see Figure 4). Make sure the LEDs are on the **right** (see Figure 5).

4. Peel the backing paper from the new card reader decal, and install it in place of the existing artwork.

Figure 4. Securing New SmartCard Reader In Place   *Figure 5. SmartCard Reader and Artwork Installed*

Important: do not use the mother board USB ports. Use only the PCI USB ports located below the video card.

5. Run USB cable to rear of cabinet making sure it will not get caught or pulled. Connect the SmartCard reader cable to a USB port on your newly installed USB card.

6. If you have a SmartCard Dispenser Kit, install it now, following the instructions in the kit.

Install the Software

Note: You may wish to install the cabinet artwork while the software installation is running.
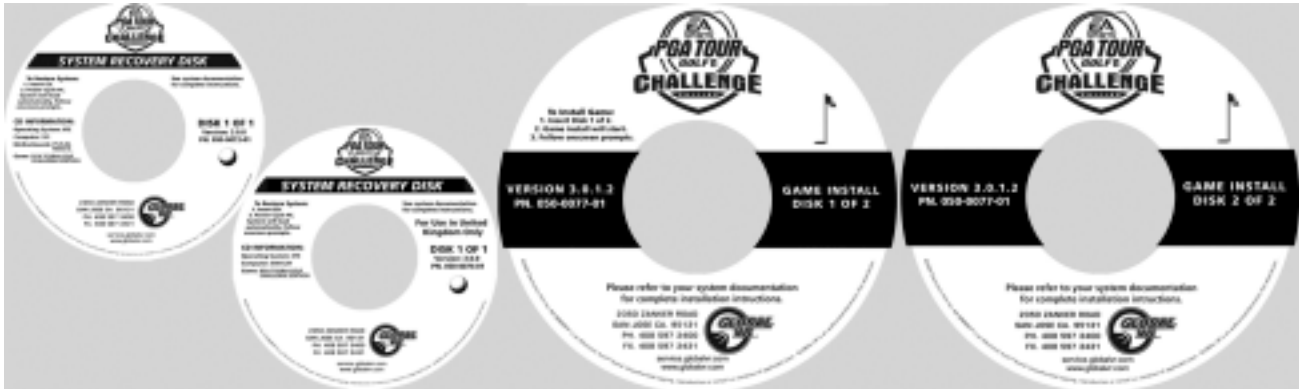
Follow the instructions below to install the EA SPORTS™ PGA TOUR® Golf **Challenge Edition** software. Please be aware that installation will erase all tournament data and cabinet settings. **Total installation time is about 25 minutes.**

1. With the cabinet powered ON and the game running, press the Operator button to launch the Operator Menu.

2. From the Operator Menu, record any cabinet settings that you wish to restore after software installation. For your convenience, you can write your settings below:

    Machine Menu: Sound Effects Volume _____

    Announcer Volume _____

    Attract Mode Sound _____

    Game Mode Menu: Credit Display _____

    Coins per £ _____

    3-Stroke/Skins _____

    9-Stoke/Skins _____

    18-Stroke/Skins _____

    Shootout _____

    Mulligans _____

    9-Hole National Tournament _____

    18-Hole National Tournament _____

    Skill Level _____

    Delay of Game Timeout _____

    Game Timeout Delay On _____

3. To preserve your tournament data for the cabinet, perform the following steps:

    a. From the Coin Collection menu, perform a Do Collection.

    b. From the Registration Options menu, perform a Force Call.

4. Remove the old game dongle and connect the new game dongle to the parallel port of the computer.

Replace the Game Dongle
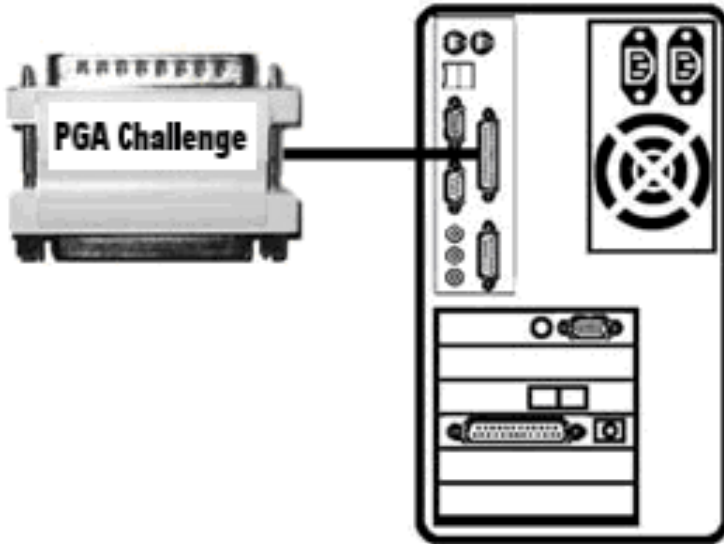
If you have any problems with your new EA SPORTS™ PGA TOUR® Golf **Challenge Edition** Game Dongle please call CVA's Tech Support at +44(0)20-8594-1234.

In order for the EA SPORTS™ PGA TOUR® Golf **Challenge Edition** software to work you will need to replace the Game Dongle that is currently on the back of the computer with the one provided in your kit. The new EA SPORTS™ PGA TOUR® Golf **Challenge Edition** Game software will work with a Parallel port Game Dongle. The Game Dongle has been specially programmed and only works with **Challenge Edition** software and no other version of EA SPORTS™ PGA TOUR® Golf game software.

Install the Software (Continued)

Determine what System Recovery Disk to use

Important: Maygay and DFI computers require different System Recovery Disks.
Compare your machine computer to the images below (Figure 6) and check the label on the System Recovery Disk to determine which one of the two disks to use.

Figure 6.   Four (4) Styles Of Computer To Determine

| **1. Maygay/Enta** | **2. Midi DFI** | **3. Everlast** | **4. Enta with DFI hardware** |
| **USE RED RECOVERY DISK** | **USE BLACK RECOVERY DISC For Computers 2, 3 and 4** | | |

5.   Open the CD drive and insert the CD labeled **System Recovery Disk**. Power cycle the cabinet.

6.   After reboot, the CD will automatically begin the installation process. After about 30 seconds, the monitor will display a status window labeled "Image Center 5.0 - Scripting Progress".

7.   When prompted, remove the CD and power cycle the cabinet. **DO NOT put the game CD in the drive yet**. After the reboot, the software will finalize the installation and then the system will automatically reboot again.

8.   After the second reboot, you will see a large GLOBAL VR® logo with the Windows Start menu and taskbar. Insert the disk labeled **Game Install Disk 1 of 2**. The disk will run automatically and you will see a progress bar onscreen.

9.   When prompted, remove the CD and insert **Game Install Disk 2 of 2**. The CD will run automatically.

10. When the install finishes, the computer will reboot and the Attract movie will start. Remove the CD.

11. Press the Operator button to launch the Operator Menu and set up your game.

12. From the Operator menu, select System Test, and test your SmartCard Reader, SmartCard dispenser (if installed) and player controls.

13. Play a game and make sure everything works properly.

Note: Once install is complete, the picture may need adjusting using the monitor control board located inside the note validator door on left side.

<u>3.0.1.4 Patch Disk Installation</u>

IMPORTANT:
If your **Game Install** CDs say **Version 3.0.1.2**,
run this **PATCH DISK** after installing the game software.

Install the patch disk as instructed below to update the game software version from 3.0.1.2 to 3.0.1.4. This patch adds important accounting functions unique to the UK and Ireland.

1. With the game running in Attract Mode, insert the Patch Disk (Part #: 050-0078-01) in the CD-ROM drive. The disk will run automatically and the system will reboot.

2. Remove the CD after the game reboots.

3. Press the Operator button, located inside the coin door, and make sure that the Game Version displayed on the Machine menu screen is 3.0.1.4.

Future software versions will not require this patch disk.

Install the Cabinet Artwork

Figure 7.   Installing New Cabinet Artwork

1. Peel the backing off the new marquee artwork. Using a soft cloth, gradually stick the artwork over the original Perspex marquee as shown in Figure 7 & 8).

Note: It is important to gradually stick this artwork to prevent air bubbles being produced. If you get some air bubbles, you can use a pin to burst bubble and then press air out using a soft cloth (Figure 8).

Figure 8.   Gradually Stick Marquee Artwork

2. Peel the backing off the new Accept The Challenge artwork. Using a soft cloth, gradually adhere the sticker to left of note validator door as shown above (Figure 7).

Checks to be made after upgrade kit is fitted

When upgrade is complete, make a note of both meter readings, then insert £1 through the coin mech and start a game. Now check the meter readings again and check that the Cash In meter has increased its value.

If the Tournament Fees has increased instead of the Cash In, all you are required to do is switch the labels next to the meters

Most of the computers out there have already been fitted with the latest Nytric Card (Version 1.5).

There are a few older Version 1.4 Nytric Cards still out there, and when fitting Challenge Edition to a computer with a version 1.4 Nytric Card, the note acceptor will take notes but not give credit.

What we need you to check after upgrade is done:

1. With machine on, press the operator button located inside coin door.

2. When the first operator screen appears, check the version number of the Nytric Card displayed on the top right hand side of the screen.

3. If it displays **version 1.5**, there is no action needed.

4. If it displays **version 1.4**, you need to disconnect the harness connected to your note acceptor.

5. Call CVA, and we will dispatch a replacement Nytric Card FREE OF CHARGE, which will allow you to start utilizing your machine's note acceptor.