

CONTROL BOARD 1-00-05372

INSTALL INSTRUCTIONS

Replaces MPNs: 1-00-05372

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

Installing the Control Board

1. Unplug the stove. Ensure no power is going into your unit.
2. Unscrew the side access panel.
3. Carefully remove the control board from the unit. This can be done by slightly tugging each corner of the control board off the press point pins on the face plate.
4. Carefully disconnect each wire from the old control board.
5. Gently reconnect the wires to the new control board. Ensure that each connection is inserted all the way in.
6. Reattach the new control board by gently pushing the press point pins into the corner holes of the board .
7. Reattach the side access panel.
8. Plug the stove back into the power source

Programing the Control Board

To program the controller you will need to find the specific TC model SKU. Look in your copy of your Owners manual you got with the stove or [download a new .PDF owner's manual from Harman's Website](#) and scroll to the service parts section. At the top of this section you will see a list of all stove model SKUS. The below example is from an XXV-TC.

3 Reference Material

A. Service Parts

 HARMAN® BUILT TO A STANDARD. NOT A PRICE	Service Parts	XXV-TC
	Pellet Stove	Beginning Manufacturing Date: Sept 2016 Ending Manufacturing Date: Active
1-90-680000-1 (Black) (Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: Feb 2020) 1-90-680000-14 (Majolica Brown) (Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: Feb 2020) 1-90-680000-20 (Dark Blue)(Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: April 2019) 1-90-680000-21 (Frost) (Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: Feb 2020) 1-90-680000-22 (Black Porcelain)(Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: April 2019) 1-90-680000-30 (Twilight) (Beginning Manufacturing Date: Sept 2016)(Ending Manufacturing Date: Feb 2020) 1-90-680001-1 (Black w/Wireless) (Beginning Manufacturing Date: Feb 2020) 1-90-680001-14 (Majolica Brown w/Wireless) (Beginning Manufacturing Date: Feb 2020) 1-90-680001-21 (Frost w/Wireless) (Beginning Manufacturing Date: Feb 2020) 1-90-680001-30 (Twilight w/Wireless) (Beginning Manufacturing Date: Feb 2020)		

The first three numbers marked in red are the SKU for a stove or insert. The fourth through ninth numbers (marked in blue) are the model specific SKU numbers. The last number following the model specific SKU (green) denotes the color of the unit. You'll also notice that there are manufacturing dates for each model and the ninth number (yellow) you will see may have a number "1" as the last digit for the latest models. This denotes that these models are 2020 Certified.

All new TC controllers we sell will have the latest firmware installed. If you get a motherboard that is not up to date, you will need to follow the [.PDF UPDATE INSTRUCTIONS](#) to download Harman's latest firmware patch.

How to Program:

1. From the home screen, go to DIAGNOSTICS.
2. Scroll to page 6/6

3. In the bottom right corner of the screen there is a hidden button in the empty space, touch your finger there.
 4. A screen will pop up that says ENTERING DEALER AREA and it will ask you for a code.
 5. The code is 1979
 6. Confirm that you want to enter.
 7. Top right of MENU will say "Model Programming", press this button
 8. An input menu will appear with the first three numbers already listed as 190, you need to input the next 5 numbers from your stove model SKU.
 9. If the model SKU was found it will ask you to confirm, then exit out of the dealer area.
 - If you get a screen that says "Model Not Found", you will need to update the firmware and restart this process.
- **NOTE:** If you have the latest burnpot revision for the Absolute 43 of the Accentra Insert 52-TC that is installed in a pre-2020 certified stove, you will need to reprogram the model number of your stove for it to burn correctly.

Programming notes:

- You can verify the software update by going to Diagnostics page 5/6 which should coincide with the revision number (Example: 16.02.02)
- Software updates may include added features, icons, or corrections
- Your settings and schedule (if set) will not be overridden during the software update process

- You can use any USB drive to download the firmware on but the Easy Touch Controller can only read a FAT or FAT32 file system. Reformatting your USB drive will erase everything that is on it.
 - MAKE SURE THAT THE FIRMWARE UPDATE .ZIP IS EXTRACTED INTO IN A FOLDER ON THE USB NAMED "HarmanFW", EXTRACTED FILES OUTSIDE OF THE FOLDER WILL CAUSE A LOADING ERROR.
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Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor operation before closing panels
 - Check for any unusual noises or vibrations
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our contact form.

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