

Service Bulletin

Subject: McDonald's New Common Controller Touch Screen Release

Models: McDonald's BIELA14 & BIGLA30 Touch Fryers

9/23/2022

Beginning in April 2022, Frymaster replaced the existing M4000 Touch Screen with the M4000 Common Controller Touch Screen on all **NEW** production of McDonald's Low Oil Volume (LOV), electric and gas touch screen fryers.

The new touch screen is a newer model of the current LOV M4000 easy to use touch screen. The new M4000 touch screen controller operates the same as the existing M4000 touch screen controller. There is a slight difference in the appearance of the new controller. The new M4000 Common Controller touch screen has a metal bezel surround (see photo on upper right). The prior older style M4000 touch screen had a large black plastic surround (see photo on lower right). The new controller **DOES NOT** require a screen protection bar, as it has a more robust screen. Both controller types should **NOT** be used together on a fryer.

There is **ONLY ONE (1)** service part number for the new controller. The new M4000 Common Controller kit part number for McDonald fryers manufactured beginning in April 2022 is shown below. Included in the kit are instructions for the removal and replacement of the Micro SD card. Before replacing the controller, ensure the controller being replaced matches the photo on the upper right.

New Common Controller part number for fryers manufactured FROM April 2022 to present.

| | |
|---------|------------------|
| 8263748 | FM COMMON UI KIT |
|---------|------------------|



NEW M4000 Common Controller Touch Screen Controller



Prior Older Style M4000 Touch Screen Controller

The new touch screen has an onboard Micro SD card that stores all the files to operate the controller. Removing the Micro SD card and inserting into a replacement controller will expedite the process. No additional setup will be necessary, as all the settings, menus, and other data from the old controller will transfer to the new controller. Replacing the new touch screen in the field will require removing the rear round cover of the older controller, removing the Micro SD card and inserting it into the new replacement controller (see attached instructions). The metal bezel surround will need to be swapped to the new controller as well. It will require a Torx T15 driver.

The new touch screen vat ID locator is selected in the software instead of the traditional hardwired 6-pin locator. The selection is made at HOME>SERVICE>SERVICE>1650>TECH MODES>SELECT VAT ID.

Fryers with the prior older style M4000 controller will continue to use the same existing replacement part numbers shown below.



Prior Older Style M4000 Touch Screen Controller

Prior Older Style Controller Part Numbers for fryers manufactured **PRIOR to April 2022**

| | |
|-----------|------------------------------------|
| 1086730SP | Controller, M4000 Domestic USA |
| 1088437SP | Controller, M4000 International CE |
| 1088467SP | Controller, M4000 Israel |
| 1088643SP | Controller, M4000 Korea |
| 8263658 | Controller, M4000 Japan |

Support materials posted to the web:

Manuals:

- 8197342 BIELA14-T LOV Electric Parts Manual
<http://fm-xweb.frymaster.com/service/udocs/Manuals/8197342.pdf>
- 8197544 BIGLA30-T LOV Gas Parts Manual
<http://fm-xweb.frymaster.com/service/udocs/Manuals/8197544.pdf>

Instruction Sheet

Follow these instructions to replace the Micro SD card.

Subject: Common Controller Micro SD Card Replacement Instructions

07/21/2022

1. Disconnect power from the unit.
2. Disconnect and remove the affected controller. It may require removing from other assemblies.
3. Lay the affected controller face down on a flat surface.
4. If the rear of the common controller looks like Figure 1 continue to the next step. If the rear of the common controller looks like Figure 2, skip to step 14.
5. Using a standard screwdriver, remove the round cover from the rear of the controller (see Figure 3).
6. Gently slide the lock towards the **OPEN** arrow (see Figure 4).
7. Gently lift the lock (see Figure 5).
8. Gently lift and remove the Micro SD card from the slot (see Figure 6).



Figure 1

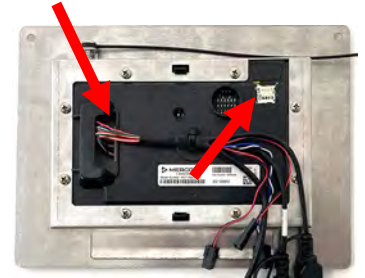


Figure 2



Figure 3

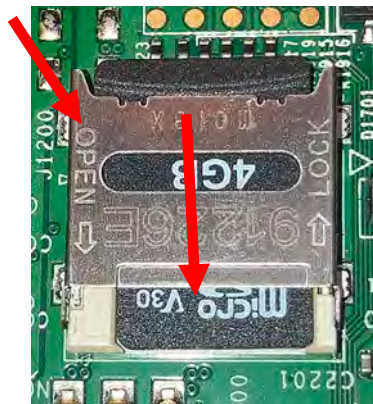


Figure 4



Figure 5



Figure 6

Continue to the next page.

9. Insert the new or existing Micro SD card into the slot, with the contacts down as shown. The tab should fit into the notch on the right side of the Micro SD card (see Figure 7).
10. Gently lower the lock and slide towards the **LOCK** arrow until it stops (see Figure 8).
11. Ensure the dipswitches are set as shown (see Figure 9).



Figure 7

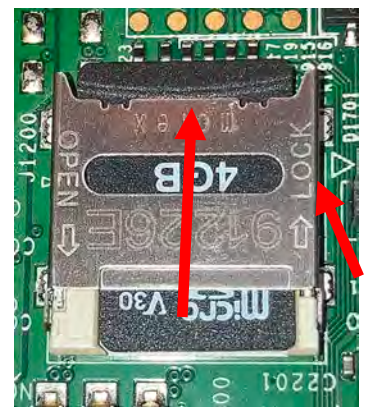


Figure 8

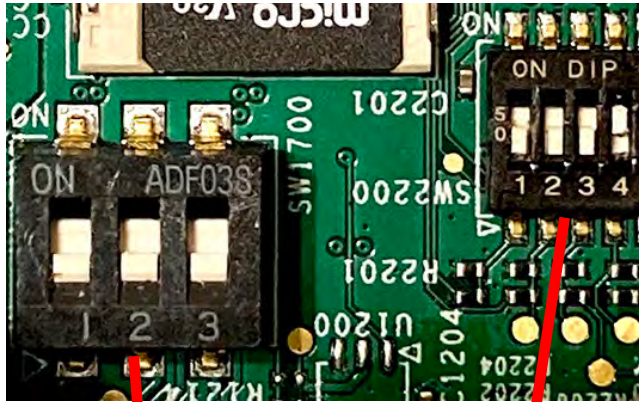
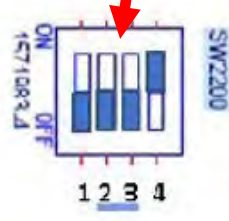


Figure 9



SW1700
1=OFF
2=OFF
3=OFF



SW2200
1=OFF
2=OFF
3=OFF
4=ON

12. Return the cover to its position and ensure it snaps down securely into the hole (see Figure 10).
13. Reconnect the controller, reconnect power and return to service.



Figure 10

14. Locate the Micro SD card holder (see Figure 11).
15. The Micro SD card is spring loaded. Gently pushing in on the Micro SD card and carefully reverse until the Micro SD card is ejected (see Figures 12 and 13).
16. Carefully remove the Micro SD card from the controller (see Figure 14).



Figure 11

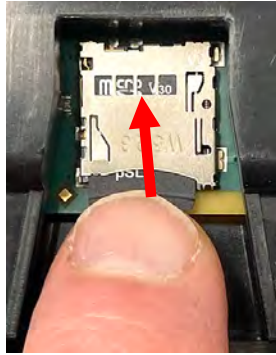


Figure 12

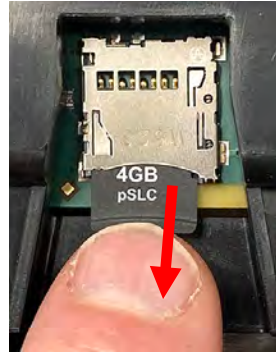


Figure 13

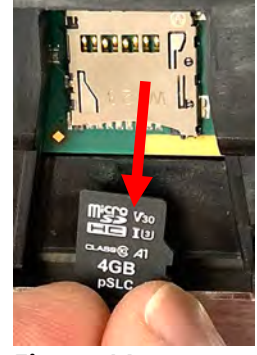


Figure 14

17. Insert the new or existing Micro SD card with contacts down towards the board (see Figure 14).
18. Gently push the Micro SD card into the SD card slot until it locks into place (see Figure 12).
19. Reconnect the controller, reconnect power and return to service.