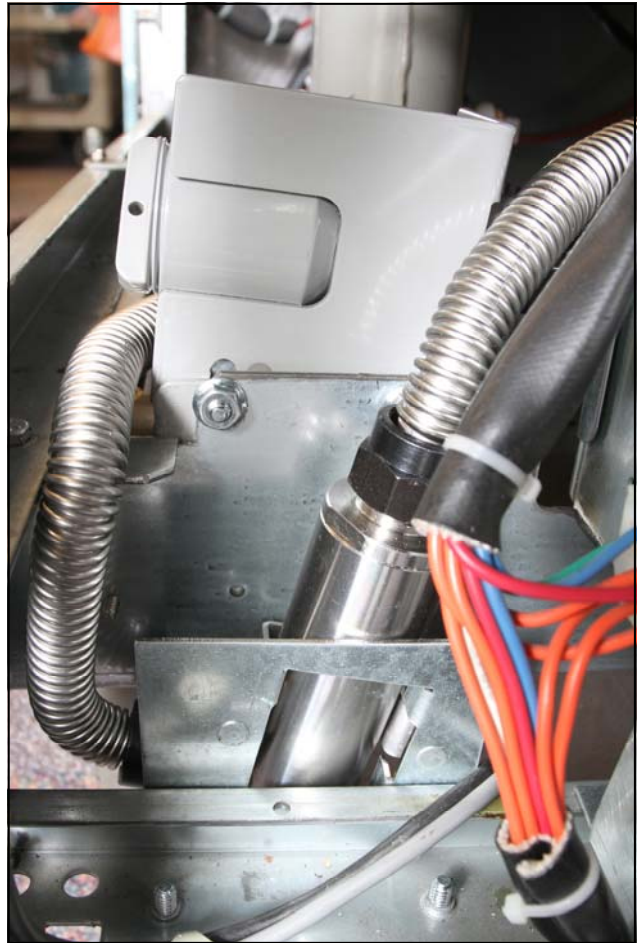


# Oil Quality Sensor Module Replacement Kit

8263292

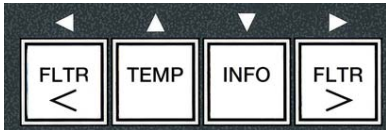
**Follow these instructions to replace the oil quality sensor module.**

1. Remove and label flexlines from sensor. **NOTE:** In some fryer configurations (three batteries) it's necessary to leave a flexline attached until after its removed from the bracket. In those instances, the flexline has to be reattached before reattachment of the sensor to the bracket.
2. Remove sensor from the bracket. Leave the wiring attached to the controller.
3. Position the replacement sensor.
4. Attach flexlines. See Note above on attachment sequence.
5. Trace the wire from the removed sensor module to the controller its attached to.
6. Remove the framework or screws securing the controller and lower the controller attached to the sensor.
7. Route the wires from the replacement sensor, following the routing of the earlier sensor wires.
8. Remove the wires from the failed sensor from the controller and replace with the wiring from the replacement sensor.
9. Reposition the controller.
10. Follow the steps below to setup the new sensor for McDonald's LOV fryers or on the following page for FilterQuick fryers. The setup enters the type of oil being monitored. The oil type can be found on the oil box.



A sensor is shown in a fryer cabinet. In some instances, it is necessary to remove the flexline after the sensor is removed from the bracket.

## McDonald's LOV OQS Sensor Setup



Use these buttons along with the 1 ✓ and 2 X under the display to navigate and choose software settings.

| Display   | Action  |
|---|---|
| OFF   | Press and hold the Temp and Info buttons.                                 |
| Level 1 changing to Level 2   | Release Temp ▲ and Info ▼ buttons.  |
| Enter Code  | Enter 1-2-3-4.  |
| Level 2, changing to Prod Com   | Press Temp ▲ button to scroll to OQS Setup on left display.               |
| OQS Setup   | Press 1 ✓ key under display on right.                                     |
| OQS on left; Disabled on right.   | Press either FLTR ◀▶ key to scroll to Enabled on right.                   |
| OQS Setup   | Press 1 ✓ under Enabled display.  |
| Oil Type on the left, Oil type option on right.   | Scroll with FLTR ◀▶ key to oil choice: OC01=F212; OC02=McSol; OC06=F600 * |
| Oil Type on the left; chosen oil on right.  | Press 1 ✓ key under chosen oil on right.                                  |
| The controller reboots and updates the adjacent controllers, enabling them for oil quality sensor display. It then goes to OFF. |   |

\* Find oil type on oil box.

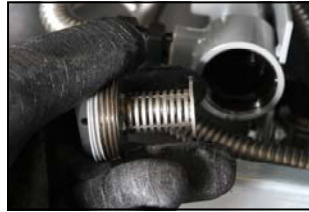
## FilterQuick OQS Sensor Setup

With the controller OFF, follow the steps below. **\*NOTE: This should only be done on the far left (Master) controller.**

| Left Display              | Right Display | Action   |
|---------------------------|---------------|--|
| OFF                       | OFF           | Press ✓ until the controller scrolls INFO MODE, changing to MAIN and then PRODUCT SETUP.   |
| PRODUCT SETUP             |               | Press ► to scroll to Vat setup and press ✓.  |
| VAT SETUP                 | ENTER CODE    | Enter 1656.  |
| SYSTEM                    |               | Press ► to scroll to FILTER.   |
| FILTER                    |               | Press ✓.   |
| COOKS TILL FILTER         | 0             | Press ◀ two times to scroll to OQS and press ✓.  |
| OQS                       | DISABLED      | Press ▼ to scroll to ENABLED and press ►. (Default is DISABLED.)   |
| CLEAN AND FILTER WITH OQS | CHOICE        | Press ▼▲ to scroll to CHOICE, YES or NO and press ►. (Default is CHOICE.) CHOICE = Prompts for OQS during CLEAN AND FILTER. YES = Performs OQS during CLEAN AND FILTER without a prompt. NO= OQS is disabled during CLEAN AND FILTER.  |
| OQS TYPE                  | OC01V01       | Press ▼▲ to scroll through oil types OC01V01, OC02V02, etc. Use the table on 8197316 to determine oil type.<br>Ensure the oil type matches what store is using. When complete press ►.   |
| DISPLAY TYPE              | NUMBER        | Press ▼▲ to scroll to choice NUMBER or TEXT and press ►. (Default is NUMBER.)<br>NOTE: If set to NUMBER the Total Polar Materials is shown as a number. If set to Text, only DISPOSE SOON/CONFIRM, OIL IS GOOD or DISPOSE NOW is shown.  |
| DISCARD NOW               | 24            | Use numbered keys to change the default setting of the TPM DISCARD NOW value and press ►. (Default is 24. Minimum value is 15, maximum is 30.)   |
| DISCARD SOON              | 4             | Use numbered keys to change the default setting of the TPM DISCARD SOON value and press ►. This establishes how many points in advance of the Discard Number, Discard Soon is displayed. Set to 4, the Discard Soon display is shown at 20. (Default is 4. Minimum value is 4, maximum value is 15.) |
| DISPOSE DELAY TIMER       | 30            | Use numbered keys to change default setting for the DISPOSE NOW delay timer and press ►. This is the amount of time after the DISCARD NOW prompt is bypassed before the message returns. (Default is: 30 minutes. Minimum value is :00 = OFF, maximum value is 4:00 hours.)                          |
| EXIT                      | EXIT          | Press the Exit/Scan button twice to return the controller to OFF.  |
| OFF                       | OFF           |  |

## Maintenance and Cleaning

The pre-filter installed with the kit requires regular maintenance. Every 30 days, or more frequently if the flow of oil slows, remove the cap and clean the attached screen.



1. Wearing protective gloves, remove the cap from the pre-filter using the supplied wrench.
2. Use a small brush to clear debris from the attached screen.
3. Clean under a water tap and thoroughly dry.
4. Return the cap to the pre-filter housing and tighten.

### WARNING

**DO NOT** remove the pre-filter cap when a filter cycle is under way. **DO NOT** operate the filter system with the cap removed. Wear protective gloves when handling the cap. The metal and the oil exposed are hot.