

# Fuel Master... What is it? How does it work?

**Fuel Master** is the fuel accountability system that MCFRS uses to track apparatus unit fuel use.

Fuel master towers are the communication link between unit Fuel Master Module, also known as an Automotive Information Module (or AIM, for short) and CMF.

The AIM module, located behind the Master Intake/Discharge panel or near the steering column on other types of apparatus, has a series of communication lights which identify its working order, as well as its communication link status.



## Where do you find the AIM?

Behind the Master Discharge and Intake gauges on the pump panel.

Under the steering column by the drivers knees or feet.



## What do those lights mean?

<i>Light Color</i>	<i>Flashing</i>	<i>Solid</i>
White	"Heartbeat"	
Green	WiFi signal found, attempting to connect	WiFi is connected
Red		Fuel Nozzle inserted and Fuel Ring is activated. Will allow fuel to be dispensed.
Yellow		OBD/Speed Sensor, Fuel Master is configured correctly

# How do we get fuel?



## Steps to Successfully Dispense Fuel

1. Pull up next to fuel pump, in a position to refuel, and place the unit in park.
2. Turn off engine ignition.
3. Once engine stops running, turn ignition switch back on. (For units with keys, turn the key to the last stage before starting the motor)
4. Leave battery master on throughout process.
5. Place nozzle completely into fuel fill neck.
6. Squeeze handle to dispense fuel, this may take a few seconds for the system to activate. Be patient.

# Troubleshooting and Defect Reporting

- No Lights/(No White Light) on the AIM: Ensure the unit is configured properly to receive fuel. Check the power supply to the unit to ensure it has not fallen out or is loose.
- No fuel is dispensed: After ensuring the steps above are followed completely. Check the AIM lights. The following lights should be illuminated: Flashing White, Solid Yellow, Solid Green, Solid Red (with nozzle seated correctly)
- No Red Light: If the unit has more than 1 fill neck, try the other. If the red light illuminates, then the issue can be isolated to that one specific fuel ring.
- No Green light/Continually flashing Green light: WiFi signal is unable to obtain a connection. Shut down the unit completely. Turn off master. Reconfigure the unit after allowing the unit a few minutes to “reset” while turned off.
- Any defects with fuel master should be reported using Apparatus Defect Reporting. Include any light combinations observed in order to help assist/diagnose the issue.
- **Prokey** should only be used, after all attempts above have been made unsuccessfully to refuel and an Apparatus Defect Report has been made.