

**Automatic**- The system will come on once the engine coolant temperature reaches 160 degrees. Then when you shut the key off, the system will autopurge, and run the truck for up to 1 minute and shut off the truck on diesel. No driver interaction is required for this. The filter heater jacket is also on in this position to begin preheating the oil filter. You will know the system is on, and working normally when the big red light illuminates.

**Off**- Off is exactly that. In this position the WVO system will be completely disabled. No lights, no purge.. This is also a safety and convenience function. If the system is in the middle of timed shut down and you need to turn the truck off, flipping the switch to this middle position will stop all timing activities and kill the vehicle once the key is turned off. Useful for quick trips into a store or at the drivethrough. Keep in mind though, this bypasses the purge sequence and the truck will not be completely flushed of all WVO. A half hour is generally a safe amount of time to not purge the truck.

**Manual** - Manual will turn on the WVO pump regardless of engine temperature. This is normally used for purging a new filter, and troubleshooting. This does not automatically shut off the diesel pump. Another useful feature of manual on is that it will force the timer cards on for electrical troubleshooting. Turning this switch to manual on, then back to automatic will initiate a timed shutdown sequence.

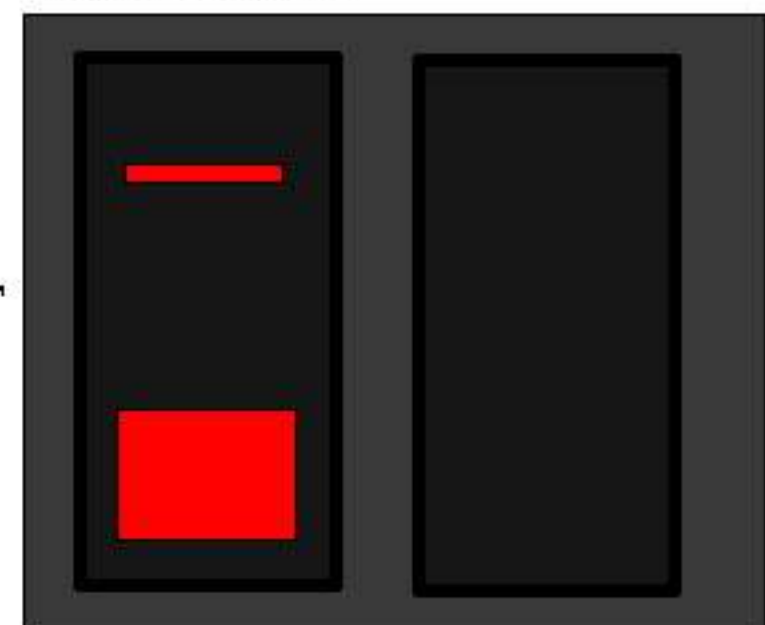
**Purge** - This is a momentary switch that will bypass the WVO check valve and return diesel to the WVO tank. When the system is in Automatic mode, this is done automatically. Like the system switch, it only works if the key is on. Use this switch for purging air from the stock fuel system when the WVO system is off, or purging air

**Changing filters** - Filter change interval is only required every 5-10,000 miles. If when in automatic, the red light begins flashing rapidly, this generally indicates a dirty filter.

1. Turn off truck. Remove heater jacket and replace filter. Replace heater jacket.
2. Drive truck 5 miles to warm up. (not required if truck is already warm, or ambient temperature is above 50).
3. Turn on key. Turn system to manual on, and hold purge button for 2 minutes then release and turn system to off or auto.
4. Turn off Key. System is purged and ready to go.

*System*                      *Purge*  
*Switch*                      *Switch*

Automatic



Manual On

Purge