

## EP1 Upgrade to EP2 with GPS Installation

This operation procedure is written for operators that are upgrading their vehicles from a EP1 to the latest version of EP2. This version of EP2 communicates directly to a GPS device. It will have slight changes in the operation of Child Check System, mainly there will be audio available to remind the drivers to perform their Child Check.

At the end of the run when the driver turns the ignition switch to the off position, the EP2 will sound "*Please conduct your child Search now*". The driver must then do the Child Search; the voice will sound 8 times at a 30 second interval. If the search is not performed by the 8<sup>th</sup> instruction, (4 minutes), and the deactivation button is not depressed to complete the child search, by the 9<sup>th</sup> interval the bus horn will begin to sound. The EP2 will sound the primary alarm followed by the horn. The driver must cycle the key to the off/on position to silence the alarm.

If the driver must continue with their run after they had turned off the ignition switch, the driver just needs to depress the brake pedal to silence the voice **BEFORE** the last interval; this will put the EP2 back into standby mode.

It also has a built diagnostic mode to assist a technician in the proper installation and repair of the system. Please review that document at @ [www.childcheckmate.com](http://www.childcheckmate.com). The Diagnose document can be found under support.

1. Upon starting the bus, The EP2 will emit an audible noise indicating that the system is now operational.
2. Close the front door and turn on the master switch. Now open the front door and the overhead lights will flash. Expect an audible sound from the EP2 as the Red Lights are activated.
3. Close the front door and the overhead lights will stop flashing.
4. Turn the ignition off. The system's alarm, a high-pitched beep, will begin to sound. After approximately eight seconds, the bus horn will begin to sound on and off.
5. Turn the ignition back to the 'ON' or 'ACCESSORY' position
6. Listen for the voice annunciation "*Please conduct your Child Search now*". The voice will be played 8 times at which time the bus horn will sound.
7. Turn the ignition switch to the off position and then to the 'ON' or 'ACCESSORY' position. Proceed to the rear of the bus and depress the Reset Button for at least three seconds. You will hear the deactivation signal, a rapid chirping sound from the EP2.
8. **Note:** The EP1 system's deactivation process is designed so that the ignition key *must* remain in the 'OFF' position for at least **one second**, before switching to the '**IGNITION**' or '**ACCESSORY**' position.
9. The system has *now* been deactivated and the key can be removed safely from the ignition.

