

## 540-0100 Standard e-PAD Operation and Features

The **e-PAD** is shipped with default *Authority* and *Access Codes*. If the OEM or dealer has not changed default codes, the *Authority* and *Access Codes* are:

*Access code:*

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
1 / 2	3 / 4	5 / 6	7 / 8	9 / 0

*Authority code:*

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
7 / 8	7 / 8	7 / 8	7 / 8	7 / 8



### Lock Doors with Keypad

Press and hold down the (1 / 2) button for 1-2 seconds. An access code is not needed to lock the doors.

### Using Secure Operations

Entering a valid 5-digit access code provides a double beep and enables a secure operation. After entering an access code, the keypad is enabled for 5 seconds and the next button pressed initiates a secure operation, such as unlocking the doors.

#### Notes:

- The authority code does not allow for secure operations. It is only used to assign access codes (see page 4 for information on setting authority and access codes).
- If an unassigned button or no button is pressed while the system is enabled, the keypad reverts back to disabled state.
- If keypad does not provide double beep, a valid access code has not been entered.

### Available Secure Operations

Button (1 / 2): Unlock entry doors.

Button (3 / 4): Unlock doors wired to 2nd Unlock output.

Button (5 / 6): NA

Button (7 / 8): Sequentially activate entry unlock and 2nd unlock outputs.

Button (9 / 0): Toggle dome light output.

## Assign New Access Codes

The *Access Codes* are used for secure functions, such as unlocking doors. The *Access Codes* must be **EXACTLY 5** digits long. With a valid *Authority Code*, an *Access Code* can be programmed with the following instructions:

1. Press the (5 / 6) or (3) button for 5 seconds until the keypad beeps. The backlighting of the keypad will flash indicating the keypad is in "Learn Mode."
2. Enter the 5-digit *Authority Code* (see page 1 for the code).
  - If you enter an **INCORRECT** *Authority Code*, the keypad will beep for 1 second, and leave "Learn Mode."
  - If you enter a **CORRECT** *Authority Code*, the keypad will provide a constant beep that will only stop after you have defined a **memory bank** to store the new *Access Code*.
3. Press and release the button that corresponds to the **memory bank**. For example, press (1 / 2) or (1) button for Memory #1 and press (3 / 4) or (2) button for Memory #2. During this activity you are choosing 1 of 5 (4) memory banks.
4. Enter a new 5-digit *Access Code*. The keypad chirps 3 times after the 5<sup>th</sup> digit's entry.
5. Re-enter the new *Access Code* for confirmation. The keypad will chirp 3 times after a successful confirmation. A long beep indicates a failure to change the code.
6. Test the new code to confirm a successful change.

Repeat process to assign additional *Access Codes*.

### Notes:

- Up to 5 (4) different *Access Codes* can be assigned at any time. As additional *Access Codes* are defined, pre-existing *Access Codes* are overwritten. For example, if a new *Access Code* is assigned to Memory #3, the previous *Access Code* in Memory #3 is no longer valid.
- If an error is made at any point, or if time runs out, the keypad will exit "Learn Mode," provide a 1-2 second beep, and not change anything.

The following area can be used to document the access code assignments:

Memory #	User Name	Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
1/2 (1)						
3/4 (2)						
5/6 (3)						
7/8 (4)						
9/0						

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## More e-PAD Features

### **Protective Deactivating Security Feature**

If a correct code is not entered after 20 button presses, the keypad enters an inactive mode that disables button recognition for 1 minute. This helps prevent unauthorized access by entering random codes. There is no button feedback while the system is disabled.

### **Buzzer Operation**

The keypad buzzer chirps once when power is first applied to the keypad and for each key press during regular use. When an authorized access code is entered, the system chirps twice to indicate readiness to secure operation.

The keypad chirps twice for each button press while in learn mode. When a new access code is defined, the system chirps 3 times. If an incorrect code is entered during learn mode, there is a 1-2 second chirp.

### **e-PAD Lighting**

The e-PAD is lit with a button press and while training new access and authority codes.



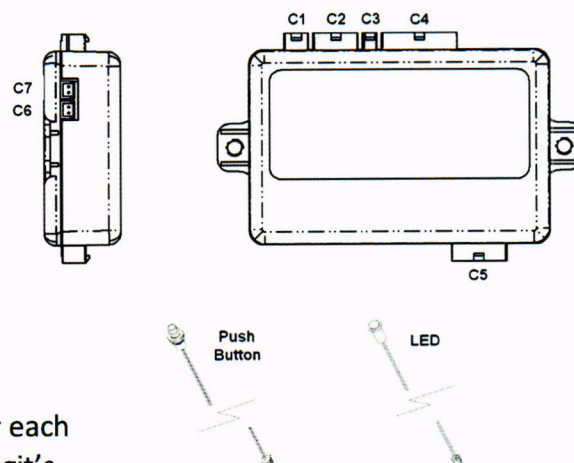
## Teaching Keypad New Authority Code

### Preparation:

1. Plug the LED into C6 and the push button into C7 on the receiver (Already installed by Forest River).  
Button & LED located on rear side of passenger console.
2. Turn ignition to the on position.

### Programming:

3. Press and release the push button 3 times. Wait 3 seconds. The keypad will beep for 3 seconds. The keypad is now in "Learn Mode".
4. Enter a new 5-digit *Authority Code*. (Double chirps after each button press). The keypad chirps 3 times after the 5<sup>th</sup> digit's entry.
5. Re-enter the new *Authority Code* for confirmation. The keypad will chirp FOUR times after successful confirmation. **A long beep indicates a failure to change the code.**
6. Test the new code to confirm it.



The user is given 2 minutes to complete this procedure. If it isn't completed in time, or an error is made, the system will exit learn mode and a long chirp will sound to indicate the error.

### Notes:

- While in "Learn Mode," each button push provides a double-chirp and the backlight flashes.
- The authority code is to be controlled by individuals (owners of vehicle, fleet manager, etc.) who manage the distribution of access codes to vehicle users.
- The authority code should be changed when the vehicle is sold.
- The authority code does not enable secure functions (lock/unlock doors, etc.)—it is only used to assign access codes.
- Doorbell systems only allow codes using buttons 1-4 and provides for 4 unique access codes.
- The keypad automatically leaves "Learn Mode" when the new code is set.

The following area can be used to document the *Authority Code*:

Authority Code				
Digit 1	Digit 2	Digit 3	Digit 4	Digit 5