

**Remote Start
System**

**OWNER'S
MANUAL**



mazda

Mazda CX-7

Introduction

Congratulations on your purchase of a Mazda Remote Start System specifically engineered for Mazda featuring PowerCode Technology™. This easy-to-use manual details the operating instructions and benefits of the Remote Start System. Should you have questions or concerns regarding this system that this manual does not address, please contact your local Mazda Dealer.

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Remote Control Operation

Although the remote start transmitter only has one button, it actually performs six functions. When the vehicle is sitting parked and not running, the transmitter can be used to activate the car find feature or the remote start feature. When the vehicle is running on the remote start system, the transmitter can be used to shut down the engine. When the vehicle is running using the vehicle key, the transmitter can be used to activate the quick-stop feature or activate/deactivate the system service/valet mode (reference page 4 & 5 for details).

Using the Remote Control Start Function

Starting Your Vehicle

The remote control start function is activated by pressing the START button twice within 3 seconds on your remote control transmitter. The system will check certain pre-conditions before starting, and if all safety parameters are correct, the engine will start within 5 seconds. Also, the system has a timer and will shut down after 10 minutes if you do not operate the vehicle. If you want to stop the system, prior to the 10 minute cycle, press and hold the START button again for 2 seconds. The vehicle will turn off.

Remote Start Safety Features

For safety and security reasons, the system will fail to start and beep the horn twice or shut down the engine during remote start operation if any of the following occur:

- The brake pedal is pressed before the vehicle ignition is turned on
- The ignition key was already in the ignition
- The vehicle hood is opened

As a safety precaution, the vehicle will shut off if left unattended for 10 minutes.

Entering the Vehicle While it is Running via Remote Start

1. Press the START button on the remote control transmitter to unlock the driver's door.
2. Press the START button again, within 3 seconds of first button press, to unlock all doors.
3. Enter the vehicle. Do not press the brake pedal.
4. Insert the key into the ignition (Retractable key only) and turn to the ON position.
5. Press the brake pedal. The remote start function disengages and the vehicle will operate normally.

Using the Remote Control Start Function

Pre-Heating or Pre-cooling the Vehicle Interior

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the system starts the vehicle, the heater or air-conditioning will activate and heat or cool the interior to your setting.

Using the “Quick-Stop” Feature

If you want to make a short stop and leave your vehicle running (to keep the interior warm or cool), the quick-stop feature allows you to do this while keeping your vehicle secure and your keys with you.

To engage quick-stop:

1. Stop the vehicle and place the transmission in PARK.
2. With your foot off the brake pedal, press the START button on the remote control. The parking lights will turn on indicating the vehicle is now running via remote start.
3. Turn the ignition off and remove the key from the ignition (Retractable key only) and exit the vehicle. Insert the key into the driver's door and turn to the LOCK position to lock the vehicle doors.
4. When you return to the vehicle, enter the vehicle and disengage the remote start as explained in “Entering the Vehicle While it is Running via Remote Start” (page 3).

Warning: Leaving children or animals unattended in a vehicle while using the remote start function is dangerous. This could result in injury or death to the occupants. Power functions, such as windows, will be active during the remote start cycle.

Service/Valet Mode: This function should be used when servicing the vehicle or while a valet service is being used to prevent the system from unexpectedly starting the engine. While in Service/Valet Mode, the remote start function is temporarily disabled. The system will beep the horn 3 times if an attempt is made to activate the remote start system.

Using the Remote Control Start Function, continued

To Engage Service/Valet Mode: Turn the ignition to the ON position, press and hold the brake pedal and press the START button on the remote control transmitter 3 times. The system will flash the parking lights and beep the horn three times indicating the system has entered Service/Valet Mode.

To Disengage Service/Valet Mode: Turn the ignition to the ON position, press and hold the brake pedal and press the START button on the remote control transmitter 3 times. The system will flash the parking lights and beep the horn one time indicating the system has exited Service/Valet Mode.

Warning: To avoid accidental start up while the vehicle is in for service, be sure to place the system in service mode yourself, to disable the remote start function. Also, inform the service personnel that your vehicle is equipped with a remote control start system.

Normal Vehicle Functions

Normal Vehicle Functions While Using the Remote Control Start Function

Although the remote control start function starts and runs the vehicle by simulating the vehicle's ignition key, there are some normal vehicle functions that do and do not work while the vehicle is running via the remote start system. The following is an outline of some of these functions:

- The remote start system will power-up the windshield wipers. It is suggested that you get in the habit of turning the windshield wipers to the off position so that the wiper blades are not damaged in the event of ice or heavy snow build-up on the windshield while the car is parked.
- The power windows are operational from inside the vehicle when started via the remote starter. Again, please do not leave children or pets in the vehicle while the vehicle is unattended and running via the remote start system.
- As described in the last section, the A/C and heater functions will operate while the vehicle is running via the remote start system. Simply remember to set the A/C or heater controls to the desired position when parking the vehicle.
- Although the A/C and heater controls do operate while the vehicle is running via the remote start system, the rear defroster function will not operate by setting it when parking the vehicle. However, it will operate if it is physically turned on while the vehicle is running via the remote start system.
- The radio does operate while the vehicle is running via the remote start system.

Normal Vehicle Functions, continued

If Your Vehicle Stalls or Does Not Start

If the vehicle stalls or does not start, the system will pause 5 seconds, then try 4 more times to start the vehicle (a total of five attempts). The system pauses 5 seconds between each start attempt. If the vehicle does not start after the fifth attempt, the system will abort the start process.

Car Find Function

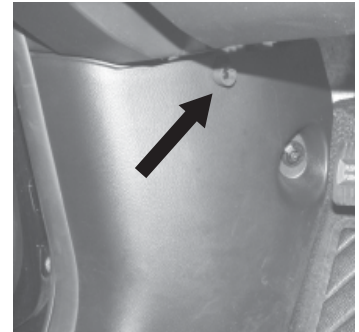
Using Car Find

When the remote start system is not activated, the unit has a car find feature available. To activate car find, press and hold the START button on the remote control transmitter for 2 seconds. The system will flash the parking lights and beep the horn 6 times. Press and hold the START button for 2 seconds again to repeat.

Transmitter Programming Button

The programming button is located in the driver's kick panel and it is used to enter the program mode and synchronize new transmitters to the remote start system. The system can handle a maximum of 8 transmitters. If you need extra or replacement transmitters, please see your Mazda Dealer.

Note: Programming instructions are included with the transmitter replacement part. (Part Number: 0000-8F-Z02)



Changing the Remote Control Batteries

The two 3-volt lithium batteries (model CR-1220) supplied in your remote control should last approximately three years, depending on usage. When the batteries begin to weaken, you will notice a decrease in range or distance from the vehicle that your remote control operates. Follow the instructions below to change the remote control batteries.

1. Carefully pry the remote control halves apart.
2. Remove the circuit board from the bottom half of the case and slide the white plastic battery holder out from under the battery tab releasing the batteries. Remove the old batteries and replace with new ones. Be sure to observe the (+) sign on the old batteries before removing them to ensure that the new batteries are inserted properly. (battery “+” should be pointed away from the transmitter circuit board)
3. Carefully snap the remote control halves back together, then test the remote control operation.



FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

Note!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment and void warranty.

INS 1031674
Rev. B
05/06

Mazda North America Operations
PRINTED IN USA