

EUROSTART

Remote engine start

BRS5

USER'S MANUAL

Eurostart Corp.

November/2025

Caution!

Only use remote start when the vehicle is parked outdoors in a well-ventilated area.

Remote Start Operation

Starting the Vehicle Using the Remote Key Fob:

- Step 1: Press the lock button on your factory key fob three times:
 - Tap lock → pause
 - Tap lock → pause
 - Press and hold the lock button for 2 seconds on the third press.
 - Timing: The entire button sequence is five seconds.

Confirmation of Remote Start Activation:

- When activated successfully, the vehicle's signal lights will flash once.
- The vehicle will begin to start approximately 10 seconds after activation.

Remote Start Run Time:

- After starting, the vehicle's signal lights will flash once every 10 seconds during the remote start run time. (configurable)
- Remote start runs for 15 minutes by default. (configurable)
- Limited to 5 consecutive starts or 45 minutes total runtime within 12 hours.
- The 45-minute runtime limit resets after driving or every 12 hours.

Entering the Vehicle After Remote Start

Option 1: Default Mode (Engine Turns Off Upon Entry)

- Unlocking the vehicle or opening the door will turn off the engine.
- You'll need to restart the engine manually to drive away.

Option 2: Secure Takeover Mode (Engine Stays On)

*If Secure Takeover is enabled, follow these steps:

1. Remote Start the Vehicle.
2. Unlock the vehicle using the unlocking method enabled with secure takeover:
 - Comfort Access (if applicable) *Requires Function 10 Setting 2
 - Remote Key Fob *Requires Function 10 Setting 3
 - Aftermarket Remote (if applicable) *Requires Function 10 Setting 4
 - Smartphone Control (if applicable) *Requires Function 10 Setting 5
3. Time sensitive: Enter the Vehicle within 30 seconds of unlocking it. The 30-second timer will reset whenever additional doors are opened.
4. Close All Doors.
5. The system will detect the remote key fob, and the vehicle's signal lights will flash once, indicating Secure Takeover is complete.
6. Drive Away without restarting the engine.

Aborting Secure Takeover or Turning Off the Remote Starter

- Press the unlock button, followed by the lock button on the remote key fob.
- A second lock press may be required to re-arm the alarm.

Note: When the engine is running, pressing the lock button will cause newer vehicles to honk twice. This is a factory function of the vehicle.

Important Notes

- Engine Shutdown Conditions:
 - Entering the vehicle without a valid key fob will cause the engine to shut off after the driver's door is closed.
 - Pressing the brake pedal before detecting a valid key fob will shut off the engine.
 - Exceeding 30 seconds to enter the vehicle will cause the engine to shut off.
 - Opening the trunk/hatch will disable Secure Takeover, causing the engine to turn off immediately.
- Trunk/Hatch Procedure:
 - You may open the trunk/hatch after unlocking the vehicle.
 - After opening the trunk/hatch, you have 1 minute to enter the vehicle to allow Secure Takeover to complete.

Steering wheel user settings menu options

1. Turn the ignition on, then off without pressing the brake.
2. Within 15 seconds, press and hold the steering wheel voice button for 5 seconds until the signal lights flash once.
3. You are now in the settings menu. The signal lights will flash to indicate the current function and setting (starting with 1-1).
4. To change the function number, press the voice button. The lights will flash the updated function and setting numbers.
5. To adjust the setting number, press the Volume Down (Vol-) button. The lights will flash the pending setting.
6. To save the setting, press the Volume Up (Vol+) button. The lights will confirm by flashing the function and setting numbers.

Note: The settings menu will exit after 15 seconds of inactivity.

		Setting 1	Setting 2	Setting 3	Setting 4	Setting 5	Setting 6
Function 1	Replay settings or load defaults	Replay settings	Load defaults	Test mode			
Function 2	Runtime	3min	10min	15min	20min	25min	30min
Function 3	Park flash during run time	OFF	ON				
Function 4	Factory FOB start (3xLOCK)	OFF	ON				
Function 5	Driver heated seat level	OFF	LOW	MED	HIGH		
Function 6	Passenger heated seat level	OFF	LOW	MED	HIGH		
Function 7	Heated seat activation temperature	OFF	0°C	10°C	15°C		
Function 8	Remote Lock/Unlock capability	OFF	PAGING ONLY	CONTROL ONLY	PAGING+CONTROL		
Function 9	Telematic Lock/Unlock capability	OFF	ON				
Function 10	Secure takeover	OFF	COMFORT	COMFORT+FOB	COMFORT+FOB+REM	COMFORT+FOB+REM+DRONE	

Important notes:

- Default settings are in highlighted in blue.
- Heated seat activation depends on the vehicle's interior temperature.
- Secure takeover is available only on products sold after October 30 2025.

To Enable Valet Mode

1. Cycle the ignition On-Off-On (do not press the brakes).
2. Press and release the brake pedal 3 times.
3. Wait for the signal lights to flash once, pause, then flash again within 5 seconds.
4. Turn off the ignition.

To Disable Valet Mode

1. With the hood closed.
2. Cycle the ignition On-Off-On (do not press the brakes).
3. Press and release the brake pedal 10 times.
4. Wait for the signal lights to flash twice within 5 seconds.
5. Turn off the ignition.

Note: Valet mode disables the remote start function. Valet mode is recommended to be enabled before servicing the vehicle.

Error codes

In the event that the remote starter fails to activate or shuts down unexpectedly, the signal lights will flash corresponding error codes.

Flash Code	Remote Start Error	Flash Code	Remote Start Shutdown Error
3+1	Engine running	4+1	Tach sensing failure
3+2	Ignition is On	4+2	Transmission in gear
3+3	Door open	4+3	Foot brake applied
3+4	System error	4+4	Hood opened
3+5	Foot brake applied	4+5	Door opened
3+6	Hood open	4+6	Ignition turned off
3+7	Run time exceeded/Transmission in gear/Hazard lights On	4+7	RPM too high
3+8	Tach sensing failure	4+8	System error
3+10	System is in valet mode	4+9	Trunk opened
3+11	Low battery (vehicles battery below 11volts)	4+10	Vehicle unlocked (vehicle must be locked for RS)
3+12	Ignition sensing failure	4+11	Low fuel (fuel level too low)
3+13	Vehicle unlocked (vehicle must be locked for RS)		
3+14	Trunk open		
3+15	Input test failed or not completed		
3+16	Low fuel (fuel level too low)		

Warranty

Eurostart Corp. offers a limited 2-year warranty to replace or repair BRS control units due to manufacturer defects, at its discretion. This warranty has no cash value and does not cover labor or related costs. No monetary compensation will be provided for any warranty claim.

The warranty is void if the unit is altered, modified, or not installed by an authorized dealer. Eurostart Corp. is not liable for any damages, including vehicle damage, loss of time, commercial loss, or issues from the installation or operation of BRS systems. Compatibility with third-party aftermarket products is not guaranteed.

For additional support or inquiries, please reach out to:

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