

# **EUROSTART**

**Remote engine start**

# BRS4

# USER'S MANUAL

Eurostart Corp.

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## Operation:

- There are three options for remote starting the vehicle.
- The vehicles remote key fob, Compustar remotes\*, or the Drone Mobile app\*.  
\*Refer to the operation manuals included with those systems (sold separately)

## The remote engine start may only be used under the following conditions:

- Engine is off.
- Ignition is off.
- Vehicle is locked and secured.
- All doors, hood, and trunk/hatch are closed.
- Fuel tank is not in reserve.
- Automatic transmission is in the park position.
- Hazard lights are off.
- **\*The vehicle is parked outside in a suitable well-ventilated area.**

## Activating the remote engine start (3x lock starting):

- Within 5 seconds press the lock button on the vehicle's remote control three times slowly, holding the third press for longer than one second.
- (tap lock - pause - tap lock – pause – press and hold lock for 1-2 seconds).
- The signal lights will flash one time to confirm the remote start activation.

## Remote start operation:

- The vehicle's signal lights will flash every 10 seconds during the selected run time duration (default setting).
- The remote start run time duration (default 15min) is selectable and is limited to 5 consecutive starts or an accumulative 45 minutes of run time every 12 hours.
- The 45-minute run time limit will reset each time the vehicle is driven or after 12 hours.
- A consecutive remote start or a run time extension may fail if there is not enough time left for the entire selected remote start run time duration.
- Heated seats if equipped will activate during the remote start duration (default settings). Automatic activation temperature and level settings are user selectable.
- If the 3x lock start sequence is activated while the vehicle is remote started it will activate the runtime extension feature resetting the remaining run time.
- NOTE- Most newer vehicles will briefly honk the horn 2x each time the lock button is pressed while the engine is already running (this is a normal function of the vehicle).

## Entering the vehicle:

- When you unlock the vehicle or open the trunk/hatch with the remote engine start activated, the engine shuts off automatically.
- In order to begin driving, you must manually restart the engine.

## Deactivating the remote engine start manually:

- Press the unlock button and then the lock button on the vehicle's remote control.
- Opening the doors, hood, or the trunk/hatch will also turn the engine off.

## Steering wheel settings menu options:

- Turn the ignition on then off without pressing the brake pedal.
- Within 15 seconds press and hold the steering wheel voice button for 5 seconds or until the signal lights flash one time.
- Once entered into the settings menu the signal lights will flash the function # followed by the settings # (Always starts with 1-1).
- Press the steering wheel voice button to advance the function # (The signal lights will flash the function # followed by the settings #).
- Press the steering wheel Vol- button to advance the settings # (The signal lights will flash the pending settings #).
- Press the steering wheel Vol+ button to save the setting (The signal lights will flash the function # followed by the settings # for confirmation).
- Settings menu will time out 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				
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	0°C	5°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				

\*Default settings are in blue\*

## Turn on valet mode:

1. Cycle the Ignition On-Off-On (without pressing the brakes).
2. Press and release the brake pedal 3 times.
3. Within 5 seconds the signal lights will flash one time pause and then flash one more time.
4. Turn off the ignition.

## Turn off valet mode:

1. Close the hood
2. Cycle the Ignition On-Off-On (without pressing the brakes).
3. Press and release the brake pedal 10 Times.
4. Within 5 seconds the signal lights will flash two times.
5. Turn off the ignition.

## Important Reminders:

- CAUTION - Do not enable the "Unlock at end of trip" option in the vehicle's iDrive menu (when equipped) or the vehicle will unlock doors after the remote start shutdown.
- NOTE- Most newer vehicles will briefly honk the horn 2x each time the lock button is pressed while the engine is already running (this is a normal function of the vehicle).
- NOTE- The remote engine start must have the same key profile setting as the primary driver's key in order to recall the same climate and vehicle settings during the remote start operation.
- Disable the remote engine start before servicing the vehicle by placing the remote engine starter in valet mode.

## Error codes:

If an error occurs the signal lights will flash the error code number.

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 is not responsible or liable for any damages, including but not limited to, vehicle damage, loss of time, commercial loss, loss of earnings, loss of economic opportunity, and the like that may or may not result from the correct or incorrect installation or operation of BRS vehicle remote systems.

Eurostart Corp issues no guarantee that BRS control modules will work with other third-party aftermarket products and equipment.

Eurostart Corp does offer a limited 2-year warranty to replace or repair the control unit at its own discretion due to manufacturer defect. This warranty holds no cash value and does not cover labour or other costs related to the exchange or replacement of the installed unit. No monetary compensation can be offered with any warranty claim.

This warranty is automatically void if the unit is altered, modified, or defaced in any way. This warranty only applies to units that have been correctly installed by an authorized dealer.

For additional questions or concerns regarding warranty coverage, contact Eurostart Warranty Claims Department by email at [sales@eurostart.com](mailto:sales@eurostart.com)

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