

ARCTIC START

User Guide

BOLT / 601

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This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:

- (1) This device may not cause harmful interference.
- (2) This device may accept any interference received, including interference that may cause undersired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

/ Introduction

Thank you for purchasing a Firstech system for your vehicle. In order to truly enjoy the benefits of this system, we recommend that you thoroughly review the following manual. Please note that this manual applies to the all Firstech 1 Button Remote Starter systems only. 1 Button remotes offer keyless entry and remote start only. There may also be features listed in this manual that require additional installation or programming before they can become active. If you have any questions, please contact the original place of purchase. For further information you may also contact our customer support center by calling 888-820-3690.

/ Warranty Coverage

CAUTION: The Manufacture's warranty will be voided if this product is installed by anyone other than an authorized Firstech dealer. For complete warranty details visit www.arcticstart.com or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase.

Warranty registration can be completed online by visiting www.arcticstart.com. Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card with each unit. Registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the dealer invoice in a safe place.

/ Quick Reference

Valet Mode

When servicing or loaning your vehicle to others, the system should be in Valet mode. Valet mode prevents the system from remote starting and disables all alarm functions.

IMPORTANT: While in Valet mode the remote will still control power lock and unlock systems. The parking lights will not flash.

The system can be put into valet one of two ways:



1. You can put the system into valet by turning the ignition key <on> and then <off> five times within 7 seconds. The parking lights will flash once to confirm the system is in Valet Mode. Shortly after the first flash, the parking lights will flash twice.
2. (Optional Feature) If you purchased the secure valet switch option, you will not be able to put the system into valet until the proper code has been entered with the secure valet switch. **Until programmed, the default code is (3, 3).**

You can exit Valet Mode through the following procedure: On either 1 Button remote, turn the vehicle's ignition <on> and then tap the button 5 times, waiting a second between each tap. Your vehicle will flash the parking lights twice and exit valet mode.


Remote Maintenance-Battery Replacement

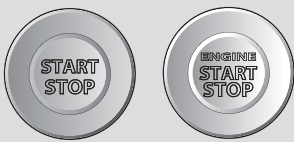


The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery.

One Button Remotes: First, remove the small Phillips screw located on the back of the remote. Once the screw has been removed, gently pull the remote apart being careful to not touch the circuit board. The 1BR-AM and 1BAMR-C and 1BAMR-900SH requires two CR2016 batteries. These specialty batteries can be purchased from your local Firstech dealer or an electronics store.

1-Button Remote Functions

Button	Duration	Function / Description
	1 second	Lock/Arm. LED will come on solid then flash
	Twice within 1 second	Tap the button twice within 1 second and the system will unlock/disarm the vehicle

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	1 second	Lock/Arm. LED will come on solid then flash
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/ General System Functions

The remote transmitter functions have been predetermined and programmed from the factory. The single button configuration allows for keyless entry and/or remote start functionality. Although other Firstech systems have numerous functions and capabilities, please keep in mind that your system has the option for future upgradeability to a 2 Way system.

Sending Commands:

When in range, and the button has been pressed, the remote bright blue LED will illuminate and vehicle's parking lights will flash. For example, to send a remote start command from the remote, hold the button for at least 3 seconds. The remote's bright blue LED will come on solid and then flash.

Active Lock/Arm and Unlock/Disarm



Tap the button once to lock/arm the system. After you tap the button the doors should lock 1 second later. To unlock/disarm your vehicle tap the button twice within 1 second. This feature is optional and may require additional programming and/or installation. Please check with your dealer for details.

Automatic Transmission Remote Start Function

To remote start, hold the button for at least 3 seconds. Repeat to shut your remote start down. After sending the remote start command, if you see three parking light flashes, there is a remote start error. Refer to the "remote start error diagnostic" on the last page of this manual for details.

Upon receiving confirmation that your vehicle is running, the parking lights will light solid. The remote start run time can be programmed for 3, 15, 25, or 45 minutes - ask your local Firstech dealer to adjust Option 2-7 if you would like a run time other than 15 minutes (default).

IMPORTANT: The vehicle's key must be inserted into the ignition and turned to the <on> position prior to driving your vehicle. If the foot brake is depressed prior to the key being in the <on> position, the vehicle will shut off.

Anti Grind / Starter Kill

The optional Anti-Grind/Starter Kill feature prevents you from accidentally grinding your vehicle's starter motor when taking over with the key. This feature requires additional installation and programming. Also your dealer can program a basic security feature that prevents your vehicle from starting when it is locked/armed. Please see your dealer for more details.

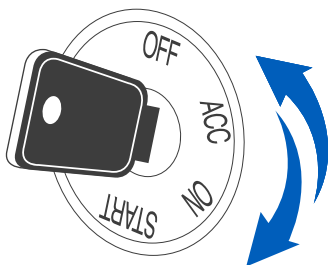
/ Remote Coding / Programming Routine(s)

IMPORTANT: Every Firstech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.

Programming 1-Button Remotes

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 7 seconds. The vehicle's parking lights will flash once with the successful completion of this step.

STEP 2: Within a 2 second period after cycling the ignition for the 5th time, pressing the single button once for 0.5 seconds. The parking lights will flash once to confirm the transmitter has been coded.



Exiting Programming: Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.

Programming Multiple Remotes: After the confirmation flash given in step 2, code additional remotes by pressing the single button on remote. The parking lights will flash once confirming each additional remote. All systems can recognize up to three remotes.

/ Remote Start Error Diagnostic

If the remote start fails to start the vehicle, the parking lights will flash three times immediately. Following those three flashes the parking lights will flash again corresponding to the error table. AR601-S system only have error codes 1, 2, and 6

Number of Parking Light Flashes	Remote Start Error
1	Motor running
2	Key in ignition on position
3	Door open (manual transmission only)
4	Trunk open
5	Foot brake on
6	Hood open
7	Reservation off (manual transmission only)
8	Tach or voltage sensing failure

We recommend that you do not attempt any repairs on your remote starter. Contact your dealer or call us directly.

/ Limited Lifetime Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to **Firstech, LLC., 21903 68th Avenue South, Kent, WA 98032, USA** within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO, THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTABILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OR PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OF ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO,

ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights, which vary State to State.

Firstech, LLC. is not RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE that may or may not resulted from the operation of Compustar, Compustar Pro, Arctic Start, Vizion, or NuStart. NOT WITH STANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Your Warranty

The product's warranty is automatically void if the date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card at www.arcticstart.com within 10 days of purchase.