



PRODUCT GUIDE

FLRSBA



DOCUMENT NUMBER

REVISION DATE

20220113

TERMS OF USE

Automotive Data Solutions Inc. ("ADS") products are strictly intended for installation by Certified Technicians who are employed by a registered business specialized in the installation of automotive aftermarket electronics products. Prior to beginning installation of an ADS product in a vehicle, it is the Certified Technician's responsibility to review the most current Product Guide, Install Guide and vehicle-specific notes available in Weblink®. ADS is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages, damages for loss of time, loss of earnings, loss of profit, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the use, misuse, improper installation or operation of its products. ADS reserves itself the right to suspend any Weblink® account without notice and decline to offer technical support to non-Certified Technicians, non-compliant Certified Technicians or end users.

WELCOME

Congratulations on the purchase of your FLRSBA solution. You are now a few simple steps away from enjoying your new remote starter unit with enhanced features.

Before starting your installation, please ensure that your FLRSBA module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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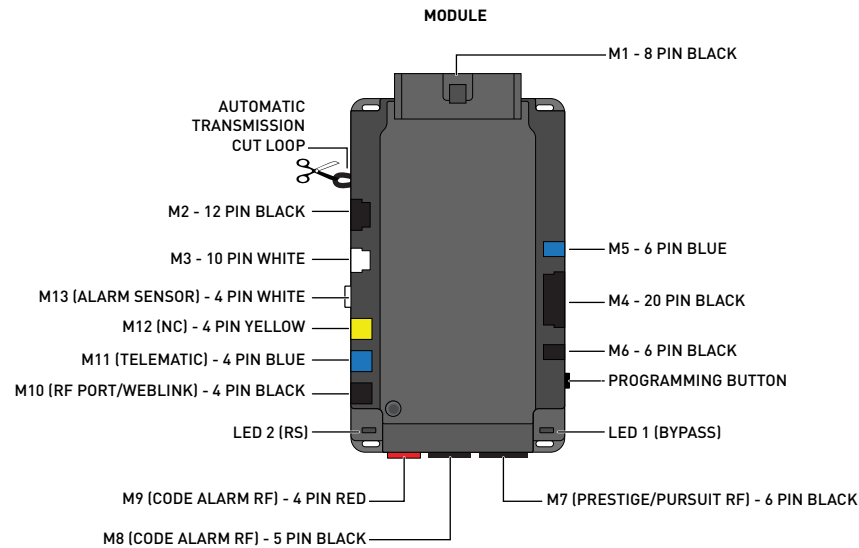
NEED HELP?

 1 800 225-6074

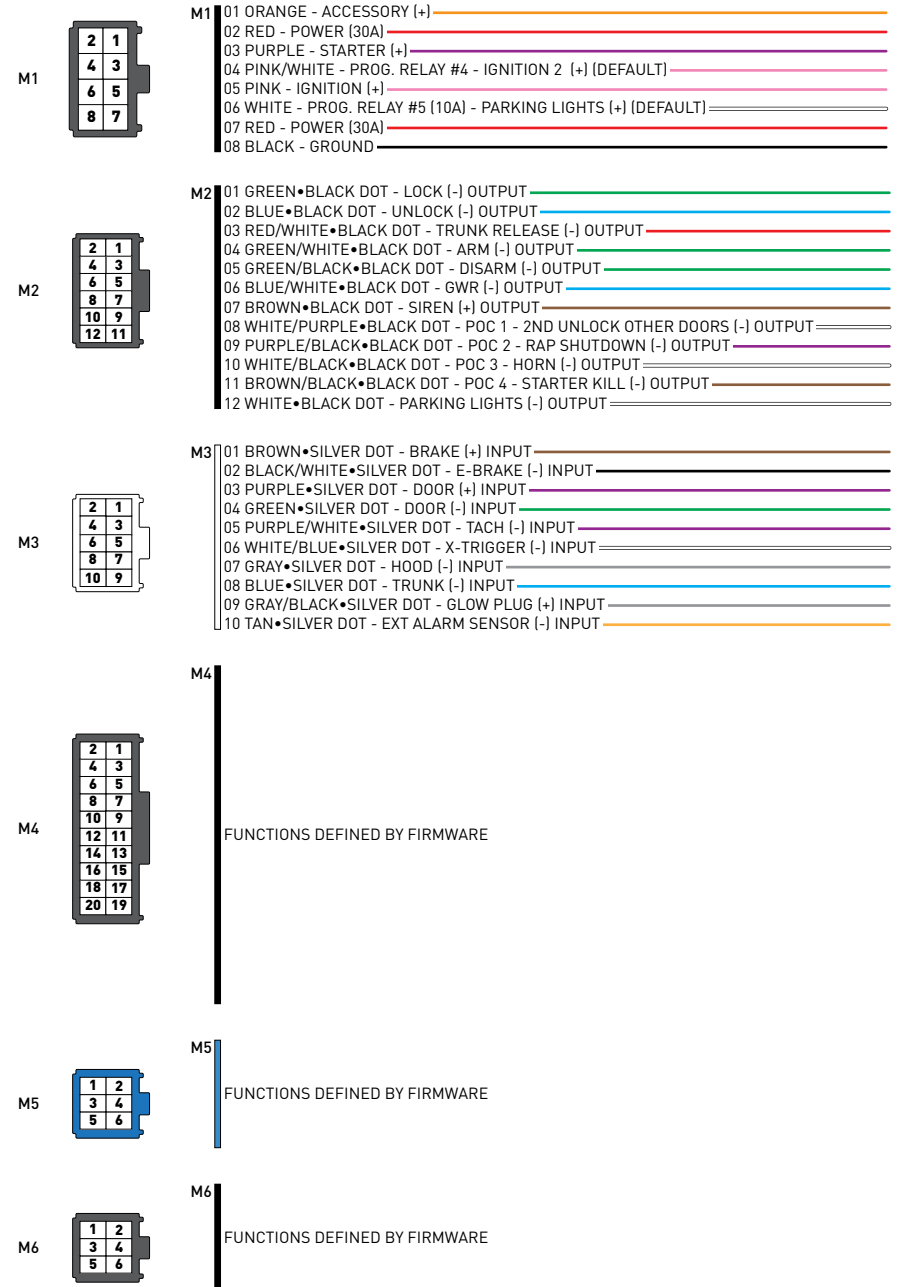
 www.voxxelectronics.com/care/?p=contactus

 www.flashlogic.com/support
www.facebook.com/audiovox

MODULE CONNECTORS



CONNECTOR PINOUT



01



START vehicle for 15 seconds.

02



Press and hold the brake pedal.

03



Press and release the module's programming button. (OR if the remotes are already programmed to the vehicle, press and hold the start button of the remote for 2.5 seconds.)

04



Wait, LED 2 will flash GREEN. (See the Module Diagnostics page)

05

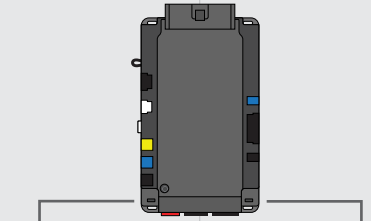


Release the brake pedal.

06



Module Programming Procedure completed.

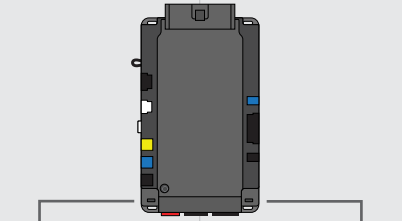
MODULE STATUS DURING:			LED STATUS	DIAGNOSTIC
	LED 2*	LED 1**		
MODULE PROGRAMMING		●	Flashing RED	Missing/wrong information from firmware or vehicle. See firmware specific diagnostics, or contact technical support.
		●	Solid RED	Module waiting for more vehicle information. Programming incomplete.
		●	Flashing GREEN	Additional steps required to complete programming. Refer to install guide.
		●	Solid GREEN then OFF	Module programming completed successfully.
		○	OFF	No activity or module already programmed.
	●		1 RED flash	No firmware on module. Connect to Weblink and flash device.
	●		2 ORANGE flashes	Contact technical support.
	●		3 ORANGE flashes	Module programming not completed.
	●		4 ORANGE flashes	Contact technical support.
	●		7 ORANGE flashes	Contact technical support.
	●		8 ORANGE flashes	Loop not cut. Ensure loop is cut for automatic transmission. Reset and re-learn.
	●		9 ORANGE flashes	Loop not cut. Ensure loop is cut for automatic transmission. Reset and re-learn.
TACH PROGRAMMING	●		10 ORANGE flashes	Boot loader update failed. Contact technical support.
	●		11 ORANGE flashes	T-harness detection does not match install type selection in Weblink.
	●		Solid RED	Tach learn in progress.
	●		1 GREEN flash	Tach signal programmed in analog.
	●		2 GREEN flashes	Tach signal programmed in data.
	●		3 RED flashes	No tach signal detected
	●		4 RED flashes	System is in valet mode. Turn off valet mode to program tach.
	●		6 RED flashes	Engine sensing set for 'assumed start'. No tach programming required.
	●		7 ORANGE flashes	Engine sensing not configured properly. Contact technical support.

* LED 2 (RS) displays generic diagnostic codes specific to the remote start module. Orange LED flashes may appear red.

** LED 1 (Bypass) displays diagnostic codes specific to the firmware loaded on the module.

Visit the programming diagnostics page for more information.



MODULE STATUS DURING:			LED STATUS	DIAGNOSTIC
	LED 2*	LED 1**		
REMOTE START SEQUENCE	●		Flashing rapid RED	Remote start shutdown sequence.
	●		Flashing slow RED	Remote start shutdown error code. Contact technical support.
	●		Solid RED	Remote start crank delay.
	●		Flashing rapid GREEN	Remote start cycle in progress. Working correctly.
	●		1 GREEN flash	Remote start initiated successfully.
	●		3 GREEN flashes	Idle mode cycle in progress.
	●		4 GREEN flashes	Turbo mode cycle in progress.
		●	Flashing GREEN	Remote start cycle in progress. Displays vehicle platform during runtime.
TRANSMITTER PROGRAMMING		●	Rapid GREEN flashing	Secure takeover initiated. Waiting to complete takeover after brake press.
	●		Solid RED	Remote programming in progress, waiting for remote pairing.
	●		1 GREEN flash	Remote programmed.
	●		4 RED flashes	Shutdown remote starter before attempting remote programming.
	●		5 RED flashes	Engine must be off before attempting remote programming.
	●		6 RED flashes	System must be unlocked/disarmed before attempting remote programming.
	●		7 RED flashes	Module must be learned to the vehicle before attempting remote programming.

* LED 2 (RS) displays generic diagnostic codes specific to the remote start module. Orange LED flashes may appear red.
 ** LED 1 (Bypass) displays diagnostic codes specific to the firmware loaded on the module.
 Visit the programming diagnostics page for more information.



REMOTE STARTER ERROR CODES: NOTES	PARKING LIGHT FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system.	3 + 1	Tach is not programmed OR engine is already running.
	3 + 2	Key is in ignition ON position.
II After a remote starter failure, the parking lights will flash three [3x] times followed by the error code. See table.	3 + 3	Door is open.
	3 + 4	Trunk is open.
	3 + 5	Foot brake is ON.
	3 + 6	Hood is open.
	3 + 7	Loop is not cut.
	3 + 8	No tach detected.
	3 + 9	Vehicle movement detected (VSS).
	3 + 10	System is in Valet Mode.
	3 + 11	CAN communication failure
	3 + 12	RS not synchronized. Start vehicle with OEM key for 15 sec before trying a new RS sequence.
	3 + 13	Bypass problem.
	3 + 14	Idle mode or takeover is not available on this vehicle.
	3 + 15	Overheat protection.

REMOTE STARTER SHUTDOWN ERROR CODES: NOTES	PARKING LIGHT FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system.	4 + 1	Engine tach signal was lost.
	4 + 2	Emergency brake signal was lost.
II If the engine shuts down after a remote starter sequence use the query command from a compatible aftermarket remote to display the shutdown error code. The parking lights will flash four [4x] times followed by the error code. See table.	4 + 3	Foot brake ON detected.
	4 + 4	Hood open detected.
	4 + 5	Tach over rev detected.
	4 + 6	Glow plug timeout error.
	4 + 7	Vehicle movement detected (VSS).
	4 + 8	Check engine light ON.
	4 + 9	Low fuel level.
	4 + 10	Open door detected.
	4 + 11	CAN communication failure during RS sequence.
	4 + 12	RS not synchronized. Start vehicle with OEM key for 15 sec before trying a new RS sequence.
	4 + 13	Bypass problem.
	4 + 14	Idle mode or takeover is not available on this vehicle.
	4 + 15	Overheat protection.

ALARM ERROR CODES: NOTES	PARKING LIGHT FLASHES	ANTENNA LED FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system. II If the alarm has been triggered, the parking lights will flash five [5x] times followed by the alarm activation event. III The alarm event code is also displayed in a repeating pattern on the antenna's LED when the alarm is triggered, until unlock is received.	5 + 1	1	Shock sensor triggered
	5 + 2	2	Door open
	5 + 3	3	Trunk open
	5 + 4	4	Hood open
	5 + 5	5	Zone 2 input triggered
	5 + 6	6	Foot brake ON
	5 + 7	7	Ignition ON
	5 + 8	8	Motion detected
	5 + 9	9	Tilt detected
	5 + 10	10	Warn away input triggered

FLASHLOGIC: ADS-AHR-PWR

HIGH CURRENT HARNESS

SOLD SEPARATELY



FLASHLOGIC: FLPROG

WEBLINK CABLE

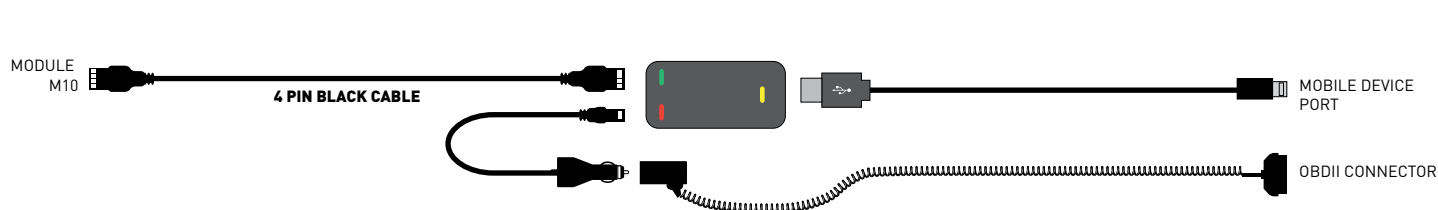
SOLD SEPARATELY



FLASHLOGIC: FLWLMAN1, FLWLMP1

WEBLINK MOBILE

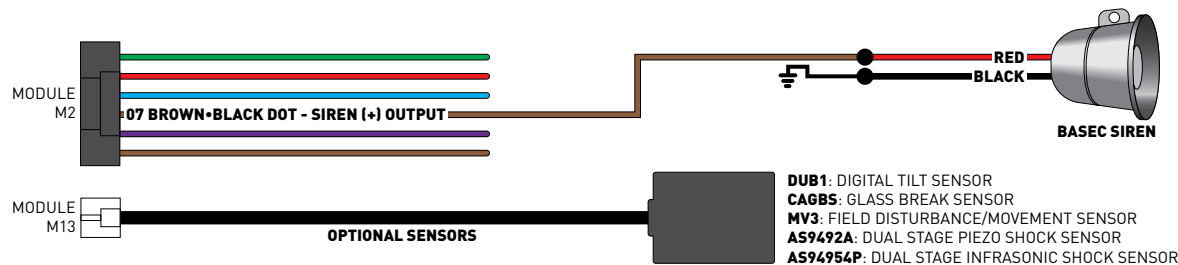
SOLD SEPARATELY



FLASHLOGIC: BASEC / VOXX: DUB1, CAGBS, MV3, AS9492A, AS94954P

SECURITY PACKAGE

SOLD SEPARATELY



TO ACTIVATE THE BUILT-IN TILT & SHOCK SENSOR, THE SHOCK SENSOR PORT FOR COMPATIBLE ACCESSORIES AND THE SIREN OUTPUT:
 1-LOG INTO YOUR WEBLINK ACCOUNT.
 2-CONNECT YOUR CONTROL MODULE AND FOLLOW THE PROGRAMMING STEPS.
 3-SELECT BASEC AND ENTER THE 16 DIGIT ACTIVATION CODE.
 4-PROCEED WITH THE PROGRAMMING STEPS AND INSTALLATION.



PRESTIGE: PE1B, PE1BTW, PE2LED, PE2LCD, PE5B

RF KIT

SOLD SEPARATELY



PRESTIGE: Z-SERIES

RF KIT

SOLD SEPARATELY



CARLINK: ASCL6, ASCLBTLR

TELEMATIC KIT

SOLD SEPARATELY



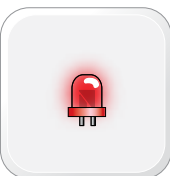
>>  The following procedure programs aftermarket remotes to the remote starter.

>>  **WARNING:** Program aftermarket remotes before usage. A maximum of four [4x] aftermarket remotes per system.

01  Set ignition to ON position.

02  Press and release the antenna button three times [3x].

03  The parking lights will flash once [1x], the horn will chirp once [1x].

04  The remote starter LED will turn RED and the antenna LED will flash.

05  Press once [1x] on LOCK button of aftermarket remote.

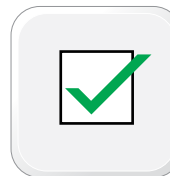
06  The remote starter LED will flash GREEN once [1x] then will turn RED.

07  To program additional remotes: repeat steps 5 to 6 using each additional remote.

08  Set ignition to OFF position.

09  The remote starter LED will turn OFF and the antenna LED will turn OFF.

10  The parking lights will flash twice [2x], the horn will chirp twice [2x].

11  Remote Programming completed.

>>  **TO DELETE ALL REMOTES:** repeat steps 1 to 4 then press and hold the antenna button for 6 seconds. The parking lights will flash twice [2x], the horn will chirp twice [2x].

>>



The following procedure triggers the Valet Mode for remote start only.

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to OFF position.

03



Press and hold the antenna button.

04



Cycle ignition ON three times [3x ON/OFF] rapidly.

05



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will flash twice [2x] rapidly then once [1x].

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 4. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode for alarm only.

01



NOTE: In Valet Mode, the alarm is disabled and the Remote starter is functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to ON position.

03



Press and hold the antenna button for 5 seconds.

04



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will turn ON.

05



Set ignition to OFF position.

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 3. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode for remote start and alarm if the alarm override option is set to valet switch (Menu 3, Option 22).

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Cycle ignition ON twice [2x OFF/ON] rapidly.

03



Press and release the BRAKE pedal three times [3x].

04



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will turn ON.

05



Set ignition to OFF position.

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 3. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode with a custom code override. The default override code is 11.

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to ON position.

03



Press the antenna programming button once [1x].

04



Cycle ignition ON once [1x OFF/ON] rapidly.

05



Press the antenna programming button once [1x].

06



Cycle ignition ON once [1x ON/OFF] rapidly.

07



Set ignition to START position. (Engine running.)

08



Set ignition to OFF position.

09



Valet Mode completed.

>>



The following procedure sets a new custom code override to trigger the Valet Mode.

01



Press once [1x] on the unlock button of the aftermarket remote.

02



Set ignition to ON position.

03



TIME RESTRICTION. Complete steps 4 to 9 within 45 seconds.

04



Press the antenna programming button three times [3x].

05



Cycle ignition ON three times [3x OFF/ON] rapidly.

06



Press the antenna programming button up to 9 times, to set the tenths digit from 1 to 9. Each button press increments the digit by one.

07



Cycle ignition ON once [1x OFF/ON] rapidly.

08



Press the antenna programming button up to 9 times, to set the tenths digit from 1 to 9. Each button press increments the digit by one.

09



Set ignition to OFF position.

10



LED will flash as many times as the tenths digit, then will flash as many times as the units digit.

11



Valet Mode completed.

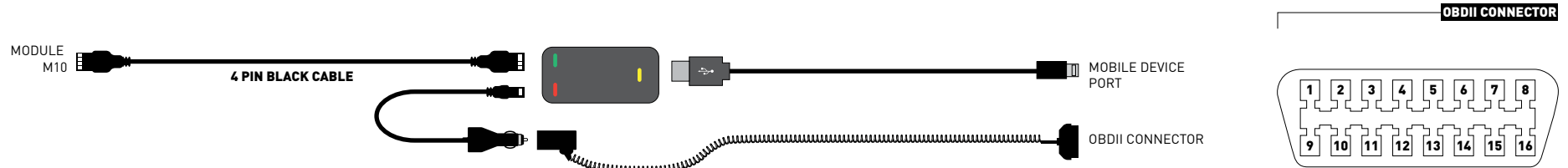
FLASHLOGIC: ADS-AHR-PWR HIGH CURRENT HARNESS SOLD SEPARATELY



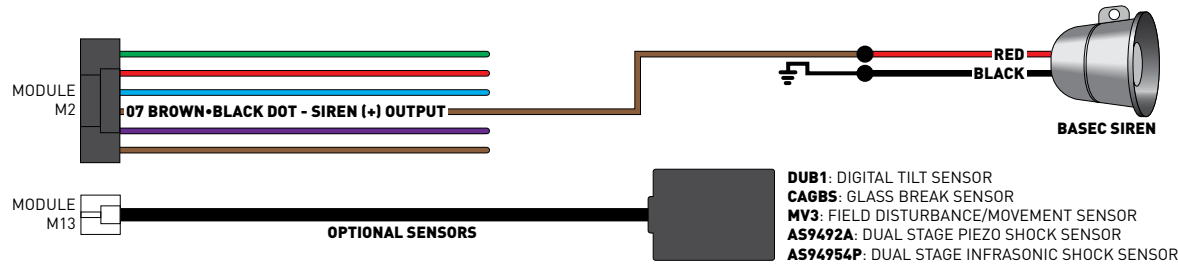
FLASHLOGIC: FLPROG WEBLINK CABLE SOLD SEPARATELY



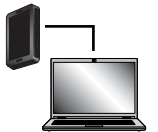
FLASHLOGIC: FLWLMAN1, FLWLMP1 WEBLINK MOBILE SOLD SEPARATELY



FLASHLOGIC: BASEC / VOXX: DUB1, CAGBS, MV3, AS9492A, AS94954P SECURITY PACKAGE SOLD SEPARATELY



TO ACTIVATE THE BUILT-IN TILT & SHOCK SENSOR, THE SHOCK SENSOR PORT FOR COMPATIBLE ACCESSORIES AND THE SIREN OUTPUT:
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3-SELECT BASEC AND ENTER THE 16 DIGIT ACTIVATION CODE.
4-PROCEED WITH THE PROGRAMMING STEPS AND INSTALLATION.



PURSUIT: PR1B, PRE1BTW RF KIT SOLD SEPARATELY



PURSUIT: Z-SERIES RF KIT SOLD SEPARATELY



CARLINK: ASCL6, ASCLBTLR TELEMATIC KIT SOLD SEPARATELY



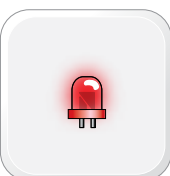
>>  The following procedure programs aftermarket remotes to the remote starter.

>>  **WARNING:** Program aftermarket remotes before usage. A maximum of four [4x] aftermarket remotes per system.

01  Set ignition to ON position.

02  Press and release the antenna button three times [3x].

03  The parking lights will flash once [1x], the horn will chirp once [1x].

04  The remote starter LED will turn RED and the antenna LED will flash.

05  Press once [1x] on LOCK button of aftermarket remote.

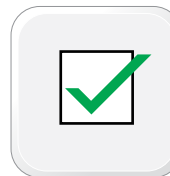
06  The remote starter LED will flash GREEN once [1x] then will turn RED.

07  To program additional remotes: repeat steps 5 to 6 using each additional remote.

08  Set ignition to OFF position.

09  The remote starter LED will turn OFF and the antenna LED will turn OFF.

10  The parking lights will flash twice [2x], the horn will chirp twice [2x].

11  Remote Programming completed.

>>  **TO DELETE ALL REMOTES:** repeat steps 1 to 4 then press and hold the antenna button for 6 seconds. The parking lights will flash twice [2x], the horn will chirp twice [2x].

>>



The following procedure triggers the Valet Mode for remote start only.

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to OFF position.

03



Press and hold the antenna button.

04



Cycle ignition ON three times [3x ON/OFF] rapidly.

05



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will flash twice [2x] rapidly then once [1x].

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 4. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode for alarm only.

01



NOTE: In Valet Mode, the alarm is disabled and the Remote starter is functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to ON position.

03



Press and hold the antenna button for 5 seconds.

04



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will turn ON.

05



Set ignition to OFF position.

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 3. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode for remote start and alarm if the alarm override option is set to valet switch (Menu 3, Option 22).

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Cycle ignition ON twice [2x OFF/ON] rapidly.

03



Press and release the BRAKE pedal three times [3x].

04



The parking lights will flash once [1x], the horn will chirp once [1x], the antenna LED will turn ON.

05



Set ignition to OFF position.

06



Valet Mode completed.

07



To exit valet mode, repeat steps 2 to 3. The parking lights will flash twice [2x], the horn will chirp twice [2x], the antenna LED will turn OFF.

>>



The following procedure triggers the Valet Mode with a custom code override. The default override code is 11.

01



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional.

02



Set ignition to ON position.

03



Press the antenna programming button once [1x].

04



Cycle ignition ON once [1x OFF/ON] rapidly.

05



Press the antenna programming button once [1x].

06



Cycle ignition ON once [1x ON/OFF] rapidly.

07



Set ignition to START position. (Engine running.)

08



Set ignition to OFF position.

09



Valet Mode completed.

>>



The following procedure sets a new custom code override to trigger the Valet Mode.

01



Press once [1x] on the unlock button of the aftermarket remote.

02



Set ignition to ON position.

03



TIME RESTRICTION. Complete steps 4 to 9 within 45 seconds.

04



Press the antenna programming button three times [3x].

05



Cycle ignition ON three times [3x OFF/ON] rapidly.

06



Press the antenna programming button up to 9 times, to set the tenths digit from 1 to 9. Each button press increments the digit by one.

07



Cycle ignition ON once [1x OFF/ON] rapidly.

08



Press the antenna programming button up to 9 times, to set the tenths digit from 1 to 9. Each button press increments the digit by one.

09



Set ignition to OFF position.

10



LED will flash as many times as the tenths digit, then will flash as many times as the units digit.

11



Valet Mode completed.