



## MODEL

OL-HRN-RS-N18

## GUIDE ID

NI8\_AL-XX70-B\_RS-X70\_20230613

## AVAILABLE ACCESSORIES

OL-HRN-RS-PWR

(Adapt to any brand remote start)

## VEHICLE COMPATIBILITY

For AL-XX70-B installations see pages 2-13

For RS-X70 installations see pages 14-25

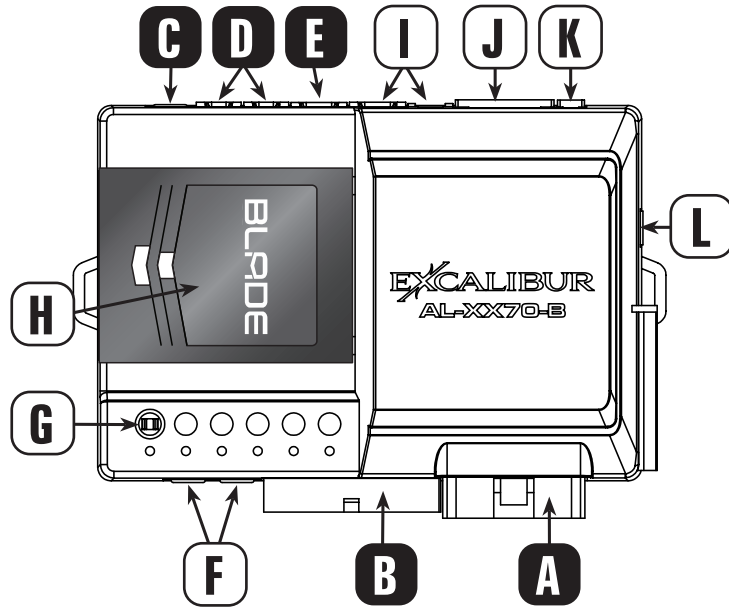
For OL-MDB-ALL Stand-Alone installations see pages 26-36

Make	Model	Trim	Years	Firmware		Diagram
				XX70 or X70	Stand-Alone	
Infiniti	QX50	Push-to-Start Automatic	2019 - 2021	DL-NI8	RS-NI8	4
Nissan	Altima	Push-to-Start Automatic	2019 - 2022	DL-NI8	RS-NI8	2
Nissan	Qashqai	Push-to-Start Automatic	2017 - 2021	DL-NI8	RS-NI8	2
Nissan	Qashqai	Std. Key Automatic	2017 - 2018	DL-NI9	RS-NI9	2
Nissan	Qashqai	Std. Key Automatic	2019 - 2023	DL-NI9	RS-NI9	3
Nissan	Rogue	Push-to-Start Automatic	2014 - 2016	DL-NI8	RS-NI8	1
Nissan	Rogue	Push-to-Start Automatic	2017 - 2020	DL-NI8	RS-NI8	2
Nissan	Rogue	Std. Key Automatic	2014 - 2016	DL-NI9	RS-NI9	1
Nissan	Rogue	Std. Key Automatic	2017 - 2017	DL-NI9	RS-NI9	2
Nissan	Rogue	Std. Key Automatic	2018 - 2020	DL-NI9	RS-NI9	3
Nissan	Rogue Sport	Push-to-Start Automatic	2017 - 2022	DL-NI8	RS-NI8	2
Nissan	Rogue Sport	Std. Key Automatic	2017 - 2018	DL-NI9	RS-NI9	2
Nissan	Rogue Sport	Std. Key Automatic	2019 - 2022	DL-NI9	RS-NI9	3

For AL-XX70-B & RS-X70 installations configure Installer Feature #9 to LOCK AFTER RS OFF to control RAP/Autolight Shutdown.  
See system installation guide for programming instructions

**DISCLAIMER:** The manufacturer of this product nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation.

**AL-XX70-B Layout**



- A** WHITE 6 PIN HIGH CURRENT POWER HARNESS (P/N: H-RS6E\*)
- B** WHITE 18 PIN MAIN INPUT/OUTPUT HARNESS (P/N: H-RS18A)
- C** RED 4 PIN DOOR LOCK/UNLOCK HARNESS (P/N: DLP-N4)
- D** RED 3 PIN REMOTE START HARNESS (P/N: RS-OUTPUT)
- E** WHITE 4 PIN AUXILIARY HARNESS (P/N: H-RS4)
- F** WHITE 4 PIN PLUG-IN SENSOR PORTS (harness included w/ optional sensors)
- G** TEMPERATURE SENSOR - **DO NOT COVER**  
(For high/low temp auto start and for automatic low temp crank extender)
- H** BLADE CARTRIDGE PORT - For OL-BLADE-AL64 or OL-BLADE-TB
- I** GREEN & BLACK DATA PORTS - For Telematics / Data Sensor (Shock, Tilt, etc) / Vehicle Interface Module.  
(DBI & iDataLink protocols supported on both ports - see 'Vehicle Learn' or installer feature #12)
- J** BLADE HARNESS PORT - Use harness from BLADE or an 'OL-HRN-RS' T-Harness.
- K** ANTENNA / STATUS LIGHT / VALET PORT - Supports compatible plug-in antennas or push-button status light  
(P/N: AU-LED-PB2)
- L** BACKUP BATTERY PORT - Uses standard 9v battery with bracket & plug. Featuring PowerMaze technology - only supports security critical functions!

**AL-XX70-B Installation Steps**

**INSTALLATION STEPS:**

- 1) Go to [OmegaWeblink.com](http://OmegaWeblink.com) or use WebLink Mobile to flash the OL-BLADE-AL64 with the firmware matching the vehicle.  
NOTE: If OEM remote is being used to activate the remote start be sure to enable "Factory keyless RS sequence" as "Lock + Lock + Lock" OR "Lock + Unlock + Lock"
- 2) While at [OmegaWeblink.com](http://OmegaWeblink.com), make sure the AL-XX70-B is updated to v1.5 FW or higher.
- 3) Make all the connections shown in the diagram on the following pages.
- 4) Connect any optional hardware as needed.
- 5) Program the OL-BLADE-AL64 to the vehicle (see "BLADE Programming" on the following pages).
- 6) Perform Vehicle Learn to configure the remote start to match the vehicle (see "AL-XX70-B Programming/Vehicle Learn" on the following pages).  
NOTE: If Vehicle Learn is not performed remote start operation could fail.
- 7) Test the system for all desired functions.

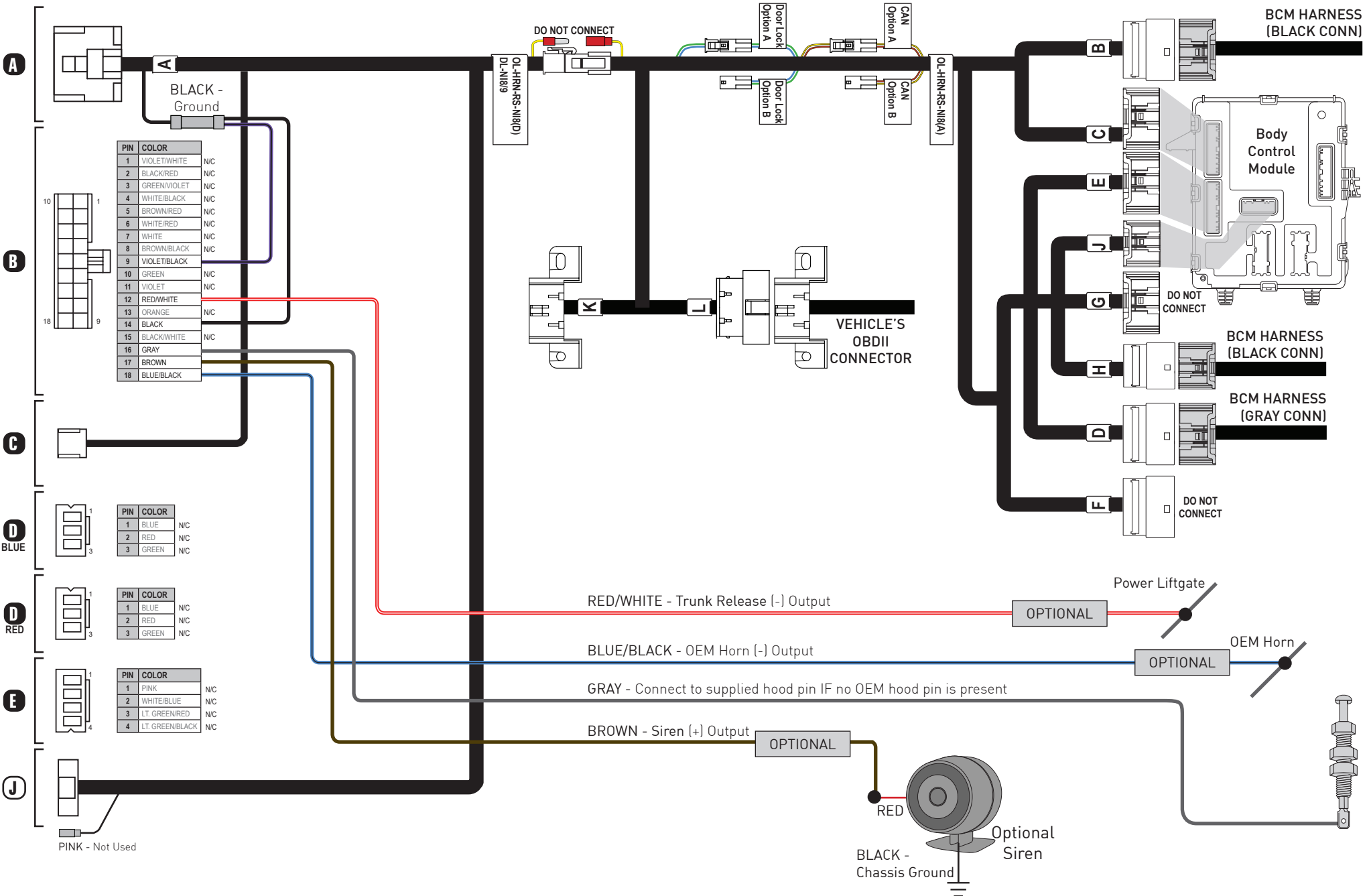
**NOTE:** Any features NOT supported by the interface module must be hard wired from the remote start to the vehicle. Refer to the remote start install guide and vehicle wiring info at [www.wiresheet.com](http://www.wiresheet.com) (only available for authorized dealers) for instructions.

**Wire Location Chart Diagram #1**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Rogue	Push-to-Start Automatic	2014 - 2016	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Switch On Lower Dash
Nissan	Rogue	Std. Key Automatic	2014 - 2016	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Switch On Lower Dash

## MODEL: OL-HRN-RS-NI8

### AL-XX70-B Diagram #1

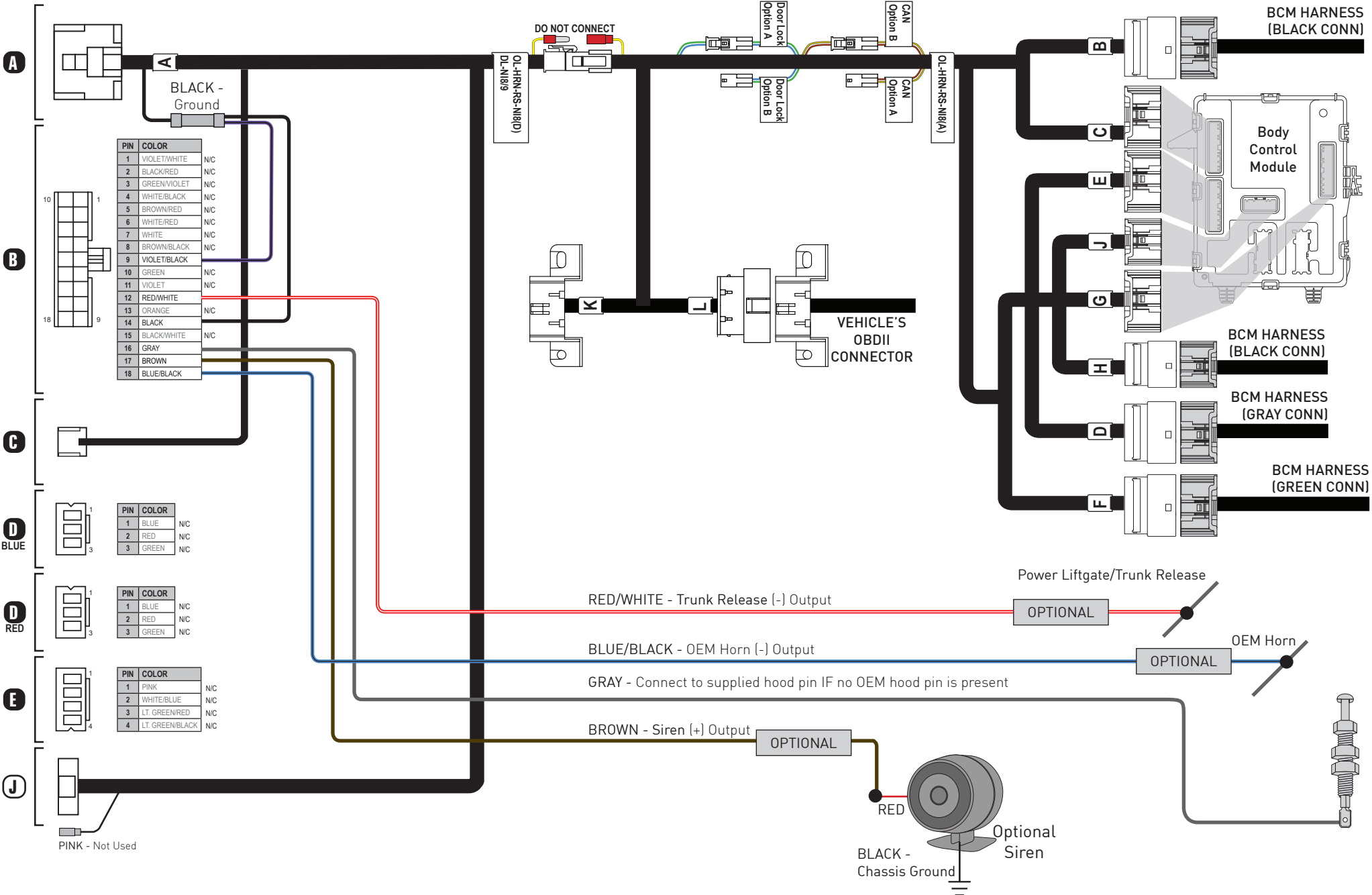


## Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Altima	Push-to-Start Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	BLACK	16	10	VIOLET	(-)	Horn Switch On Column
				Trunk Release	GRAY	4	2	BROWN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Qashqai	Push-to-Start Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Qashqai	Std. Key Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Push-to-Start Automatic	2017 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Std. Key Automatic	2017 - 2017	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Push-to-Start Automatic	2017 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT. GREEN	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

### AL-XX70-B Diagram #2

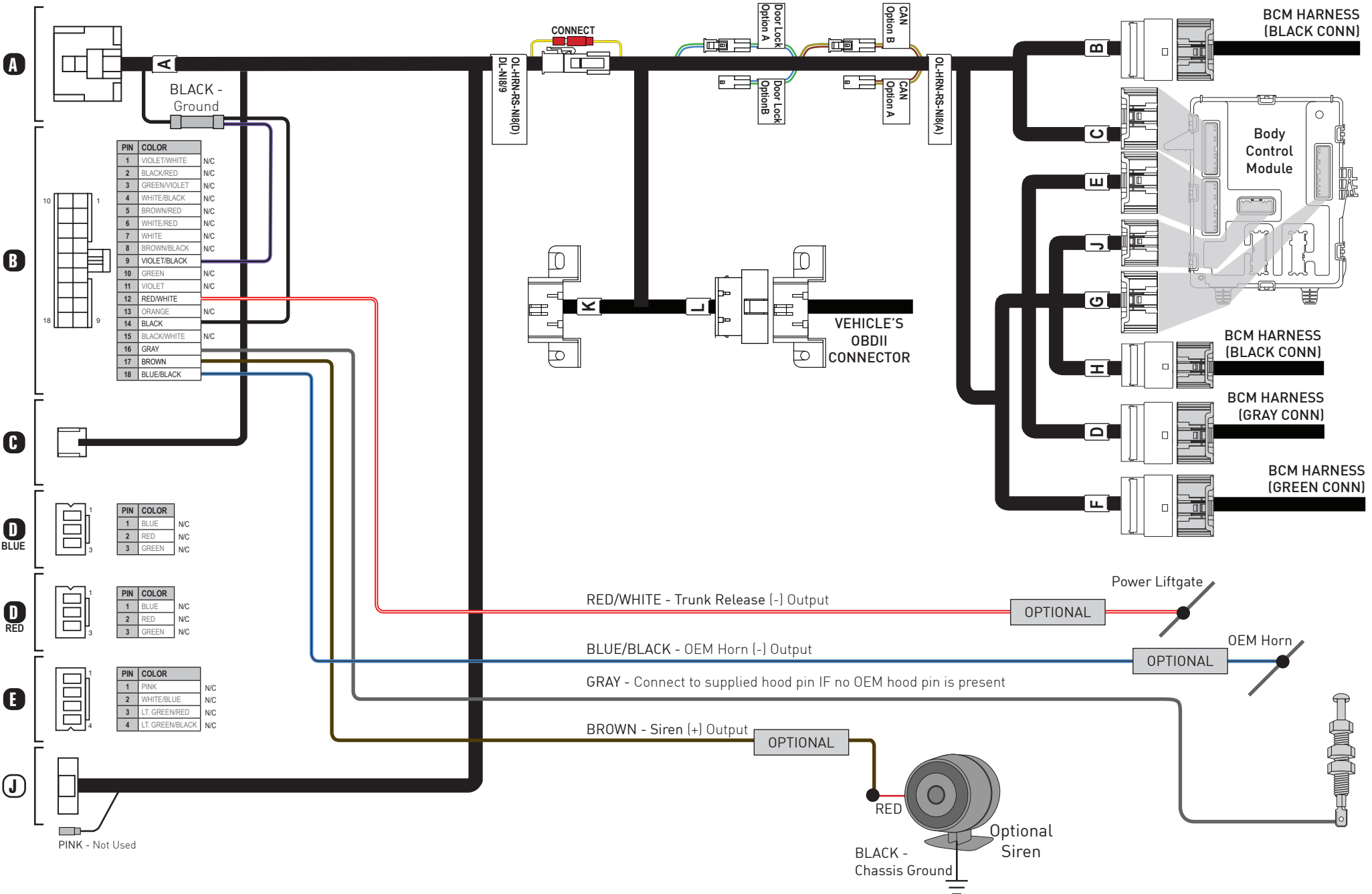


**Wire Location Chart Diagram #3**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Qashqai	Std. Key Automatic	2019 - 2023	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Std. Key Automatic	2018 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

### AL-XX70-B Diagram #3

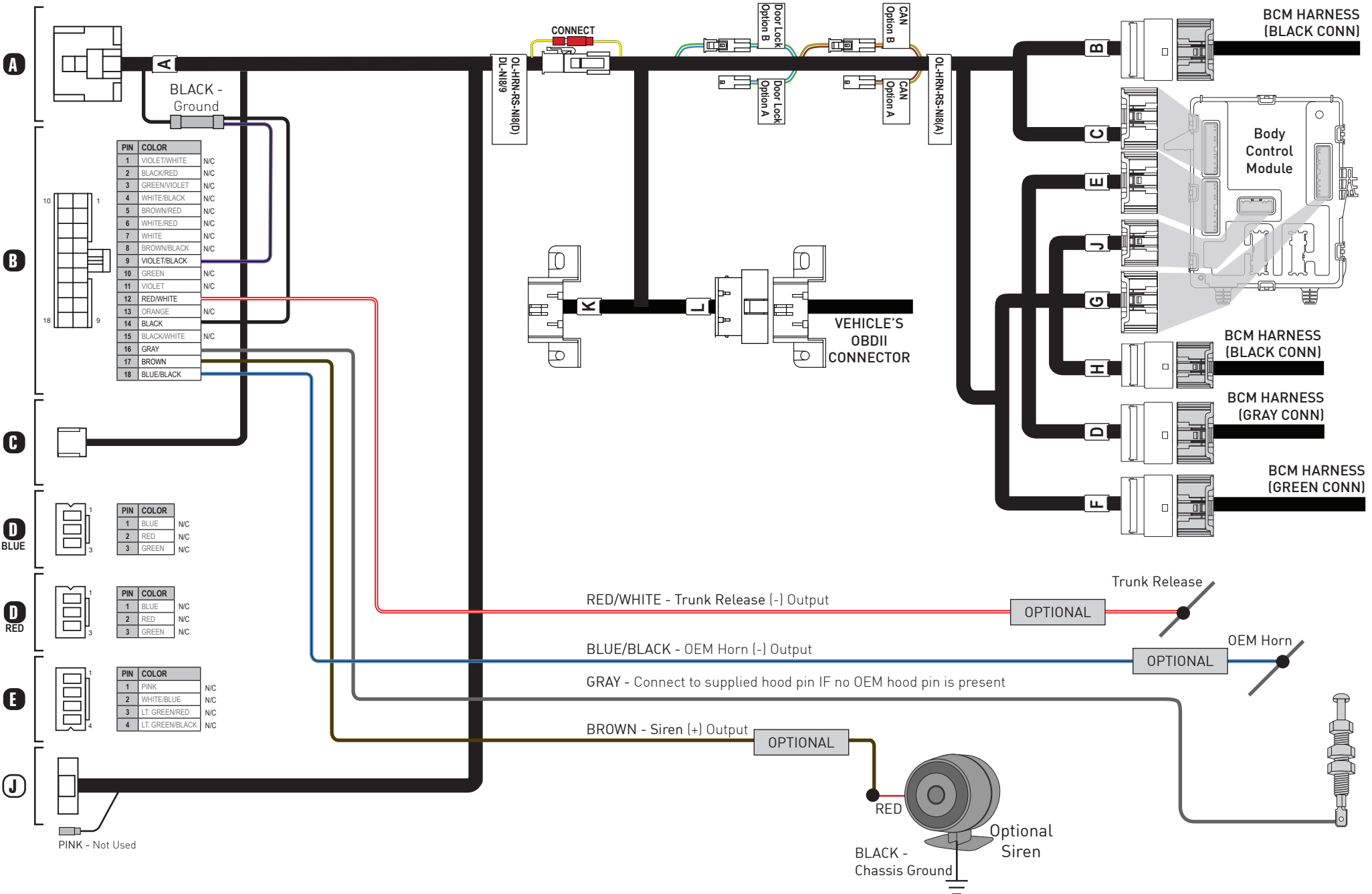


**Wire Location Chart Diagram #4**

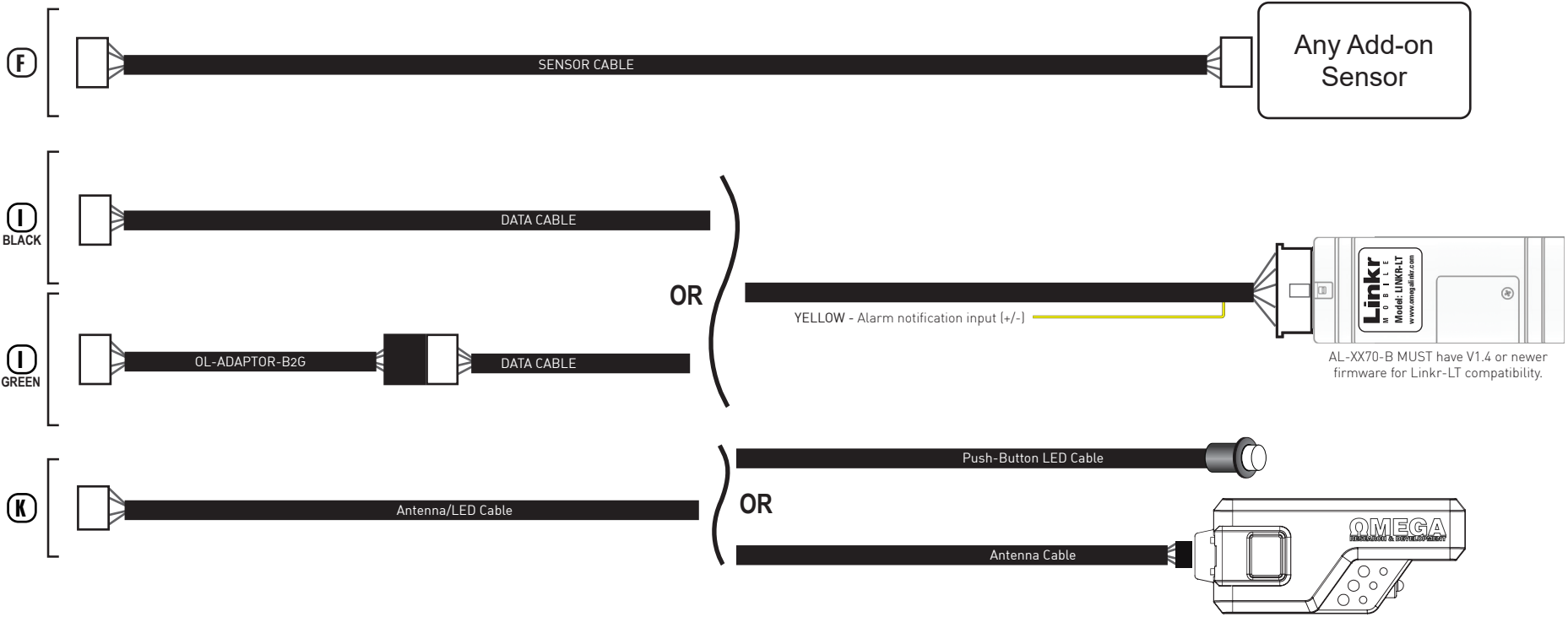
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	QX50	Push-to-Start Automatic	2019 - 2021	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	18	GRAY	(-)	Driver Kick Panel
				Lift Gate	WHITE	16	4	WHITE	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

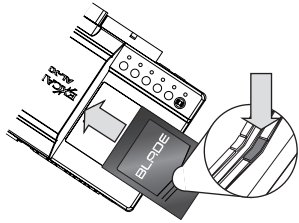
### AL-XX70-B Diagram #4



**AL-XX70-B Optional Accessories**



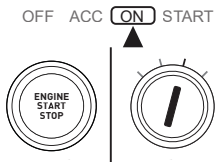
## Blade Installation



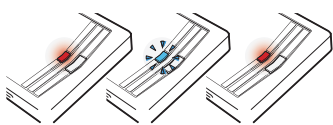
Slide Blade into unit.  
Notice programming button under LED.

## Blade Programming

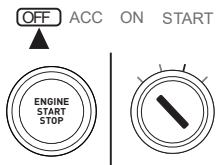
1 Turn the ignition to the ON position.



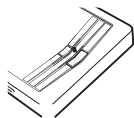
2 Wait, the LED will turn solid RED, then solid BLUE for 1 second, then solid RED.



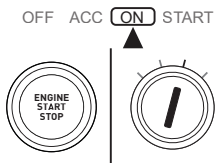
3 Turn the ignition to the OFF position.



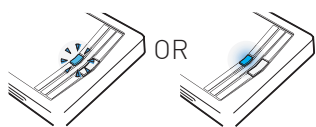
4 Wait, the LED will turn OFF.



5 Turn the ignition to the ON position.

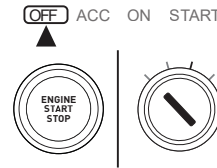


6 If LED flashes BLUE rapidly proceed with step 7. If LED turns solid BLUE for 2 seconds proceed to step 13.

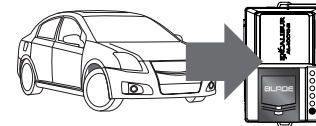


## Blade Programming (cont.)

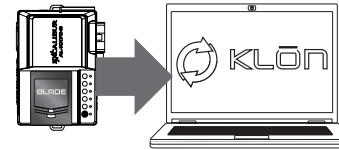
7 Turn the ignition to the OFF position.



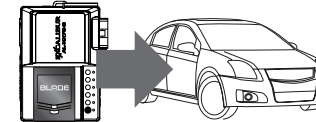
8 **WARNING:**  
Disconnect power last  
Disconnect remote start from vehicle.



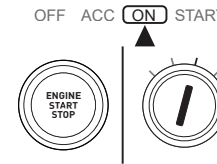
9 Connect remote start to computer and proceed with extended programming.



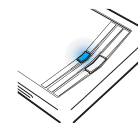
10 **WARNING:** Do not press Blade programming button.  
Connect power first.  
Connect all other remote start connectors



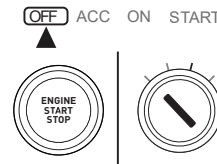
11 Turn the ignition to the ON position.



12 Wait, the LED will turn solid RED, then solid BLUE for 1 second, then solid RED.



13 Turn the ignition to the OFF position.

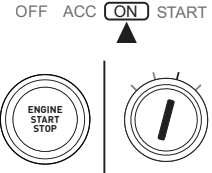


14 Proceed to AL-XX70-B Programming/  
Vehicle Learn.

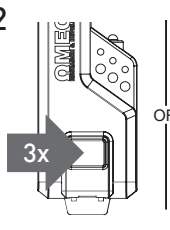
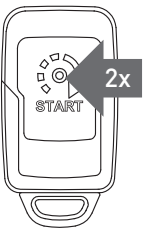
## AL-XX70-B Programming/Vehicle Learn V1.6 (see installation guide for older versions)

### Before You Begin:

- Make sure all wires/harnesses are connected.
- Program the BLADE to the vehicle per the instructions on the previous pages.
- Connect any additional accessories/modules to the data ports.
- **MANUAL TRANSMISSION VEHICLES ONLY:** Set the parking brake. The BLACK/WHITE wire must be connected to the parking brake wire.

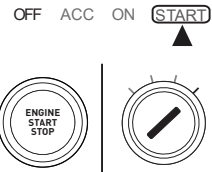
**1** OFF ACC **ON** START  
 Turn ignition to ON position (do not start).

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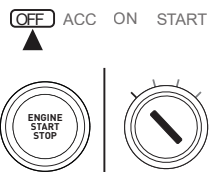
**2**  OR   
 Within 5 seconds of step 1 press the Valet button 3x or send remote start command (by remote, Linkr, activation input wire etc.).

- The system will chirp & flash lights to indicate crank delay [Default: 1 chirp/flash = 1.5 sec]
- Press valet button to change crank delay
- Chirps: 1=1.5 sec, 2=15 sec, 3=20 sec, 4=30 sec

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**3** OFF ACC ON **START**  
 Start the engine with the key and let the engine reach normal idle.


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**4** OFF ACC ON START  
 **MANUAL TRANSMISSIONS:**  
Release the parking brake.

**AUTOMATIC TRANSMISSIONS:**  
Turn the ignition key OFF.

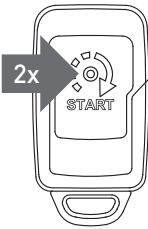
- The system will chirp & flash the lights equal the # of IGN/ACC/START circuits detected (Max: 4).

**MANUAL** - Proceed to step 5.  
**AUTOMATIC** - Skip to step 6.

**5**  **MANUAL TRANSMISSIONS:**  
Set the parking brake again to enter Manual Transmission Reservation Mode option selection. (installer feature #11)

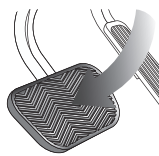
- The system will chirp & flash the light to indicate current setting (default: 2 - Off)
- Set and Release the parking brake to scroll through setting options.
- Chirp confirmation: 1 = **ON** - Shutdown w/ lock, 2 = **OFF**, 3 = **ON** - Shutdown w/ door close, 4 = **ON** - Shutdown 10 sec. after door close
- Before turning the key OFF, perform the MT reservation sequence (see operation guide) and exit the vehicle.

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**6**  Activate remote start (within 60 sec. of Step 4 or 5). Wait until engine is running and LED flashes slowly (10-45 seconds after engine cranks & runs).  
**Push-to-Start vehicles:** Ensure the OEM fob is at least 20 ft. away to allow remote start.

- The system will detect data protocols, select the best available engine running detection method, and, learn any available tach input (data or analog).

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**7**  **TO SAVE SETTINGS/FINISH VEHICLE LEARN:**  
Press the BRAKE pedal (will shut down RS).

- This disables VEHICLE LEARN (to enable again, program installer feature #2 (bank 10) to "Enabled").

**TO CANCEL/START OVER:**  
Press the valet button once.

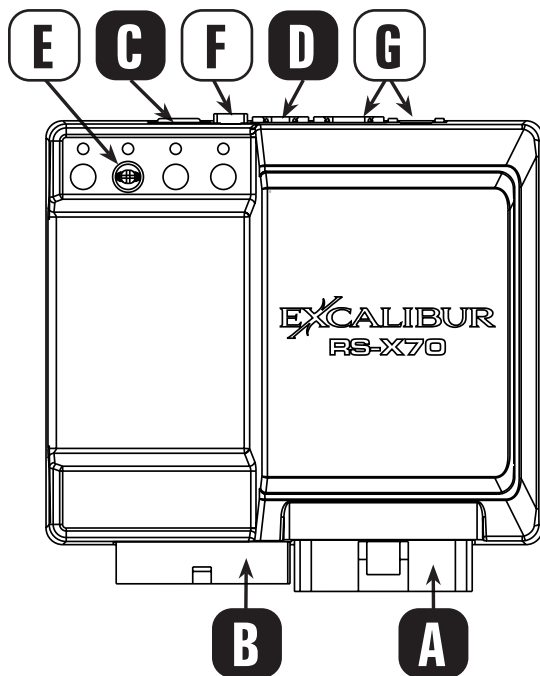
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**8** Programming complete.

## TroubleShooting

- See system installation guide for remote start diagnostics and troubleshooting.
- See OmegaLink module/firmware guide at [www.wiresheet.com](http://www.wiresheet.com) for interface module diagnostics and troubleshooting.

## RS-X70 Layout



- A** WHITE 6 PIN HIGH CURRENT POWER HARNESS (P/N: H-RS6E\*)
- B** WHITE 14 PIN MAIN INPUT/OUTPUT HARNESS (P/N: H-RS14A)
- C** RED 3 PIN DOOR LOCK/UNLOCK HARNESS (P/N: DLP-N3)
- D** RED 3 PIN REMOTE START HARNESS (P/N: RS-OUTPUT)
- E** TEMPERATURE SENSOR - **DO NOT COVER**  
(For high/low temp auto start and for automatic low temp crank extender)
- F** ANTENNA / STATUS LIGHT / VALET PORT - Supports compatible plug-in antennas or push-button status light  
(P/N: AU-LED-PB2)
- G** GREEN & BLACK DATA PORTS - For Telematics / Data Sensor (Shock, Tilt, etc) / Vehicle Interface Module.  
(DBI & iDataLink protocols supported on both ports - see 'Vehicle Learn' or installer feature #12)

## RS-X70 Installation Steps

### INSTALLATION STEPS:

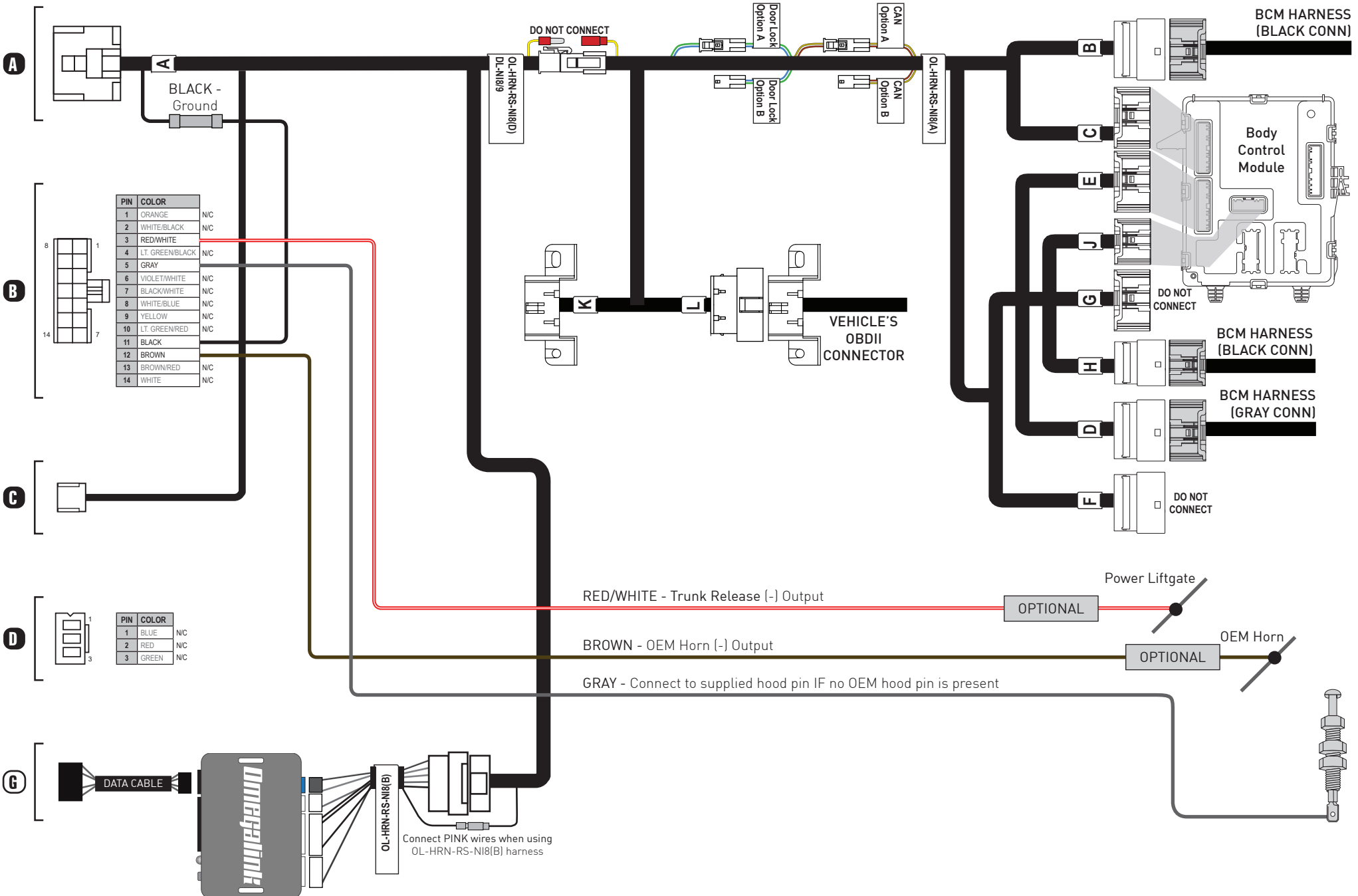
- 1) Go to [www.OmegaWeblink.com](http://www.OmegaWeblink.com) or use WebLink Mobile to flash the bypass module with the firmware matching the vehicle.  
NOTE: iDataLink 2-way protocol is recommended for full functionality.  
NOTE: If OEM remote is being used to activate the remote start be sure "Factory keyless RS sequence" is set to "Lock + Lock + Lock" OR "Lock + Unlock + Lock"
- 2) Make all the connections shown in the diagram on the following pages.
- 3) Connect any optional hardware as needed.
- 4) Select Data Mode and program the bypass module to the vehicle (see module programming instructions).
- 5) Perform Vehicle Learn to configure the remote start to match the vehicle.  
**NOTE: If Vehicle Learn is not performed remote start operation could fail.**
- 6) Test the system for all desired functions.

**NOTE:** Any features NOT supported by the interface module must be hard wired from the remote start to the vehicle. Refer to the remote start install guide and vehicle wiring info at [www.wiresheet.com](http://www.wiresheet.com) (only available for authorized dealers) for instructions.

**Wire Location Chart Diagram #1**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
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				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Switch On Lower Dash
Nissan	Rogue	Std. Key Automatic	2014 - 2016	Body Control Module	-	-	-	-	-	Under Driver Side Dash
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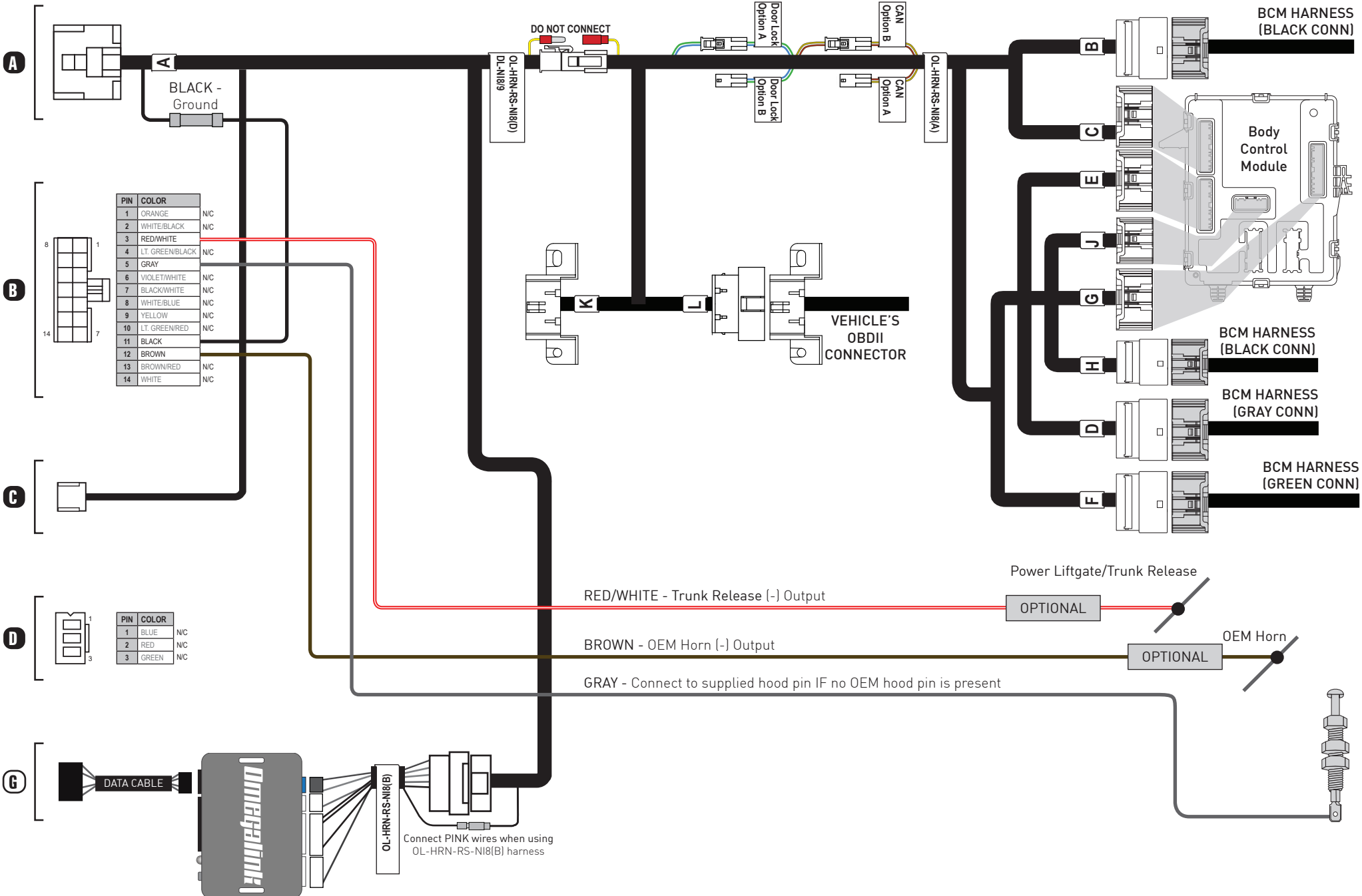
## RS-X70 Diagram #1



## Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Altima	Push-to-Start Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	BLACK	16	10	VIOLET	(-)	Horn Switch On Column
				Trunk Release	GRAY	4	2	BROWN	(-)	At Liftgate Switch Lower Dash Panel
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				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Qashqai	Std. Key Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
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Nissan	Rogue Sport	Push-to-Start Automatic	2017 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT. GREEN	(-)	At Liftgate Switch Lower Dash Panel

## RS-X70 Diagram #2



**Wire Location Chart Diagram #3**

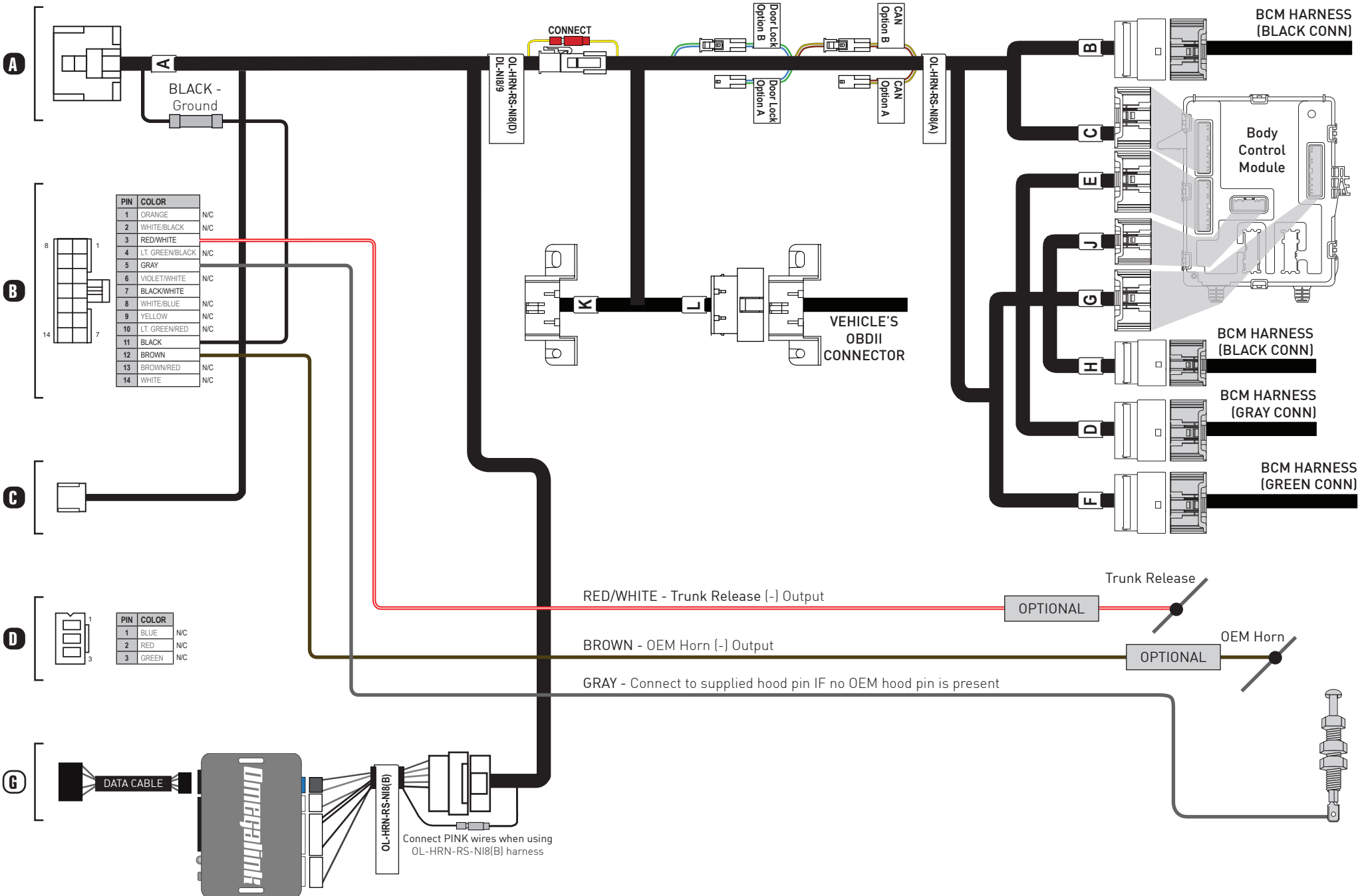
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Qashqai	Std. Key Automatic	2019 - 2023	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	14	14	WHITE	(-)	At Horn Switch On Column
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Std. Key Automatic	2018 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	35	TAN	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	79	PINK	(-)	Driver Kick Panel
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel



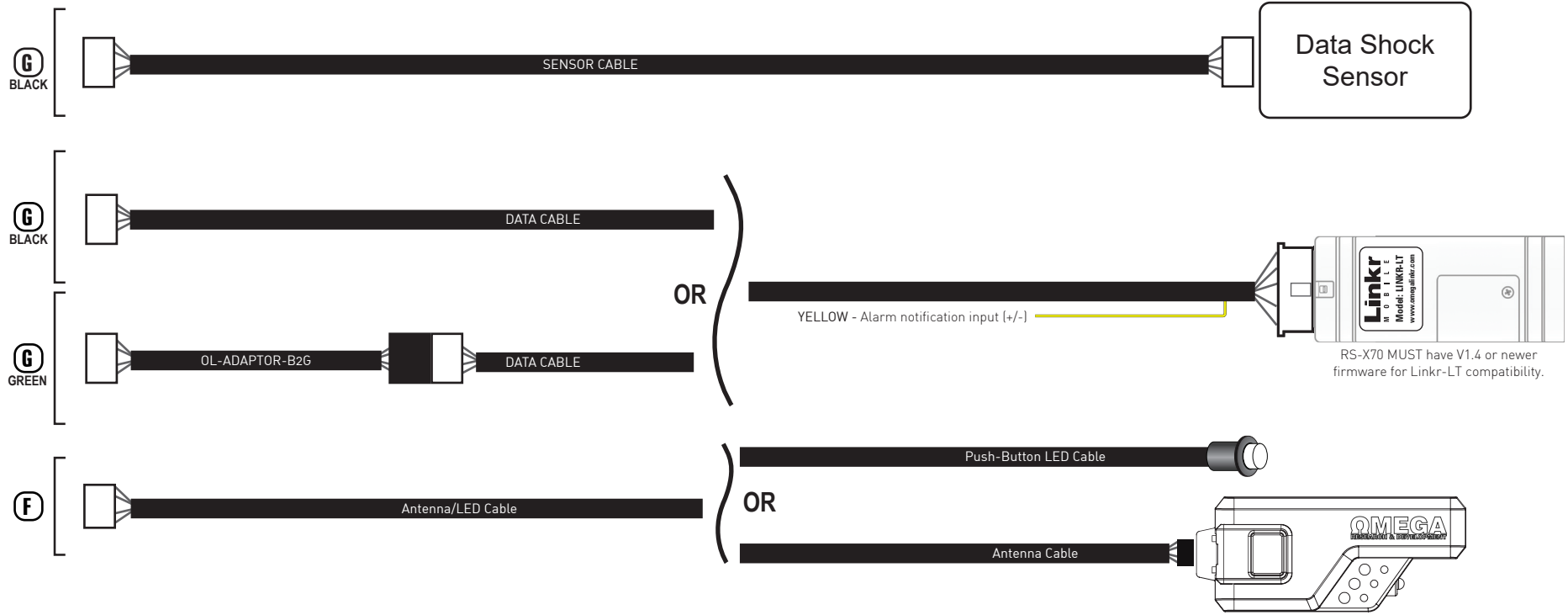
**Wire Location Chart Diagram #4**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	QX50	Push-to-Start Automatic	2019 - 2021	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Horn	WHITE	100	18	GRAY	(-)	Driver Kick Panel
				Lift Gate	WHITE	16	4	WHITE	(-)	At Liftgate Switch Lower Dash Panel

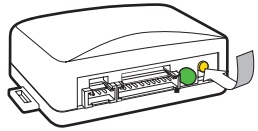
## RS-X70 Diagram #4



**RS-X70 Optional Accessories**




## Installation Mode Selection



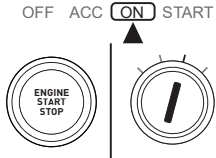
1 Press & release programming button to select installation mode.

2 Press & hold programming button until LED turns solid GREEN to register selection.

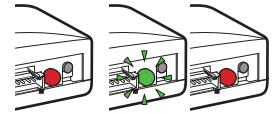
 LED flash (1x) once = Data Mode (Recommended)  
 LED flashes (2x) twice = Hardwire Mode

## Module Programming

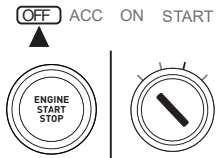
1 Turn the ignition to the ON position.



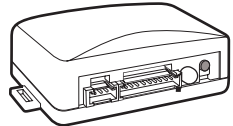
2 Wait, the LED will turn solid RED, then solid GREEN for 1 second, then solid RED.



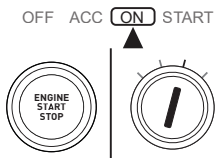
3 Turn the ignition to the OFF position.



4 Wait, the LED will turn OFF.



5 Turn the ignition to the ON position.

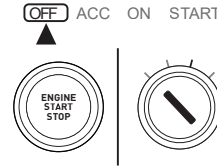


6 If LED flashes GREEN rapidly proceed with step 7. If LED turns solid GREEN for 2 seconds proceed to step 13.



## Module Programming (cont.)

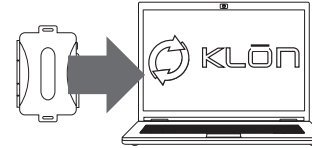
7 Turn the ignition to the OFF position.



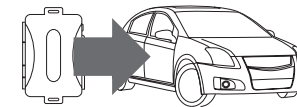
8 **WARNING:**  
Disconnect power last  
Disconnect module from vehicle.



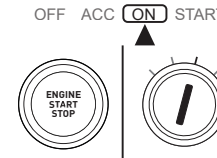
9 Connect module to computer and proceed with extended programming.



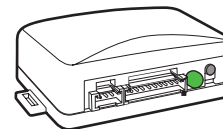
10 **WARNING:** Do not press module programming button.  
Connect power first.  
Connect all other module connectors



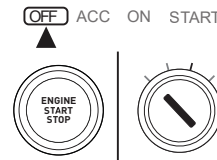
11 Turn the ignition to the ON position.



12 Wait, the LED will turn solid GREEN for 2 second.



13 Turn the ignition to the OFF position.

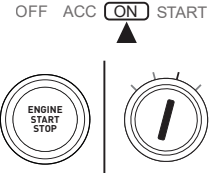
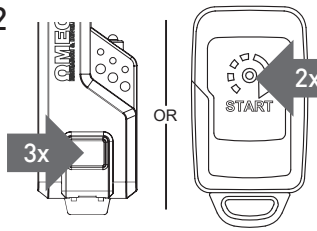
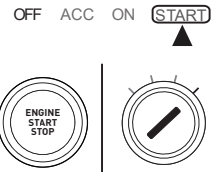
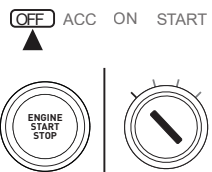
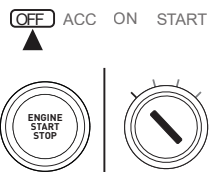



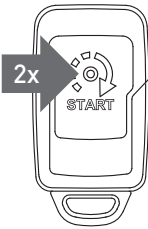
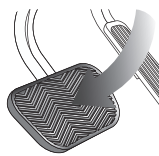
14 Proceed to RS-X70 Programming/  
Vehicle Learn.

## RS-X70 Programming/Vehicle Learn V1.6 (see installation guide for older versions)

### Before You Begin:

- Make sure all wires/harnesses are connected.
- Program the bypass module to the vehicle per the instructions on the previous pages.
- Connect any additional accessories/modules to the data ports.
- **MANUAL TRANSMISSION VEHICLES ONLY:** Set the parking brake. The BLACK/WHITE wire must be connected to the parking brake wire.

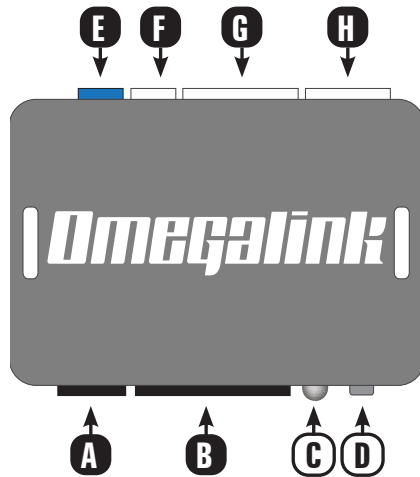
- 1** OFF ACC **ON** START  
 Turn ignition to ON position (do not start).
- 
- 2**  OR   
 Within 5 seconds of step 1 press the Valet button 3x or send remote start command (by remote, Linkr, activation input wire etc.).
- The system will chirp & flash lights to indicate crank delay [Default: 1 chirp/flash = 1.5 sec]
  - Press valet button to change crank delay
  - Chirps: 1=1.5 sec, 2=15 sec, 3=20 sec, 4=30 sec
- 
- 3** OFF ACC ON **START**  
 Start the engine with the key and let the engine reach normal idle.
- 
- 4** OFF ACC ON START  
 **MANUAL TRANSMISSIONS:**  
Release the parking brake.
- AUTOMATIC TRANSMISSIONS:**  
Turn the ignition key OFF.
- The system will chirp & flash the lights equal the # of IGN/ACC/START circuits detected (Max: 4).
- MANUAL** - Proceed to step 5.  
**AUTOMATIC** - Skip to step 6.

- 5**  **MANUAL TRANSMISSIONS:**  
Set the parking brake again to enter Manual Transmission Reservation Mode option selection. (installer feature #11)
- The system will chirp & flash the light to indicate current setting (default: 2 - Off)
  - Set and Release the parking brake to scroll through setting options.
  - Chirp confirmation: 1 = **ON** - Shutdown w/ lock, 2 = **OFF**, 3 = **ON** - Shutdown w/ door close, 4 = **ON** - Shutdown 10 sec. after door close
  - Before turning the key OFF, perform the MT reservation sequence (see operation guide) and exit the vehicle.
- 
- 6**  Activate remote start (within 60 sec. of Step 4 or 5). Wait until engine is running and LED flashes slowly (10-45 seconds after engine cranks & runs).  
**Push-to-Start vehicles:** Ensure the OEM fob is at least 20 ft. away to allow remote start.
- The system will detect data protocols, select the best available engine running detection method, and, learn any available tach input (data or analog).
- 
- 7**  **TO SAVE SETTINGS/FINISH VEHICLE LEARN:**  
Press the BRAKE pedal (will shut down RS).
- This disables VEHICLE LEARN (to enable again, program installer feature #2 (bank 10) to "Enabled".
- TO CANCEL/START OVER:**  
Press the valet button once.
- 
- 8** Programming complete.

## Troubleshooting

- See system installation guide for remote start diagnostics and troubleshooting.
- See OmegaLink module/firmware guide at [www.wiresheet.com](http://www.wiresheet.com) for interface module diagnostics and troubleshooting.

## OL-MDB-ALL as Stand-Alone Layout



- A** BLACK 4 PIN DATA PORT
- B** BLACK 10 PIN
- C** PROGRAMMING/STATUS LED
- D** PROGRAMMING/RESET BUTTON
- E** BLUE 3 PIN
- F** WHITE 3 PIN
- G** WHITE 7 PIN
- H** WHITE 6 PIN

## OL-MDB-ALL as Stand-Alone Installation Steps

### INSTALLATION STEPS:

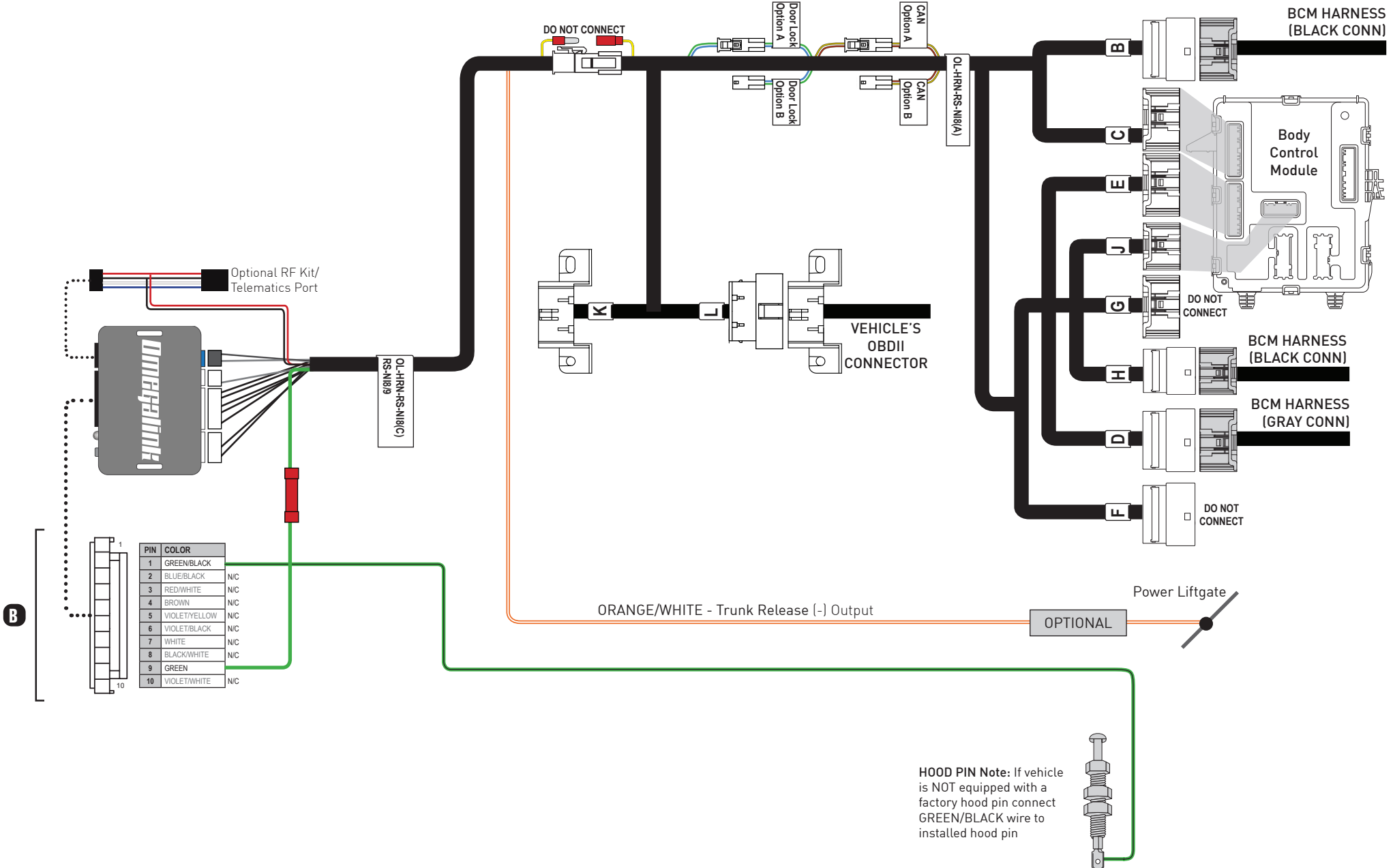
- 1) Go to [OmegaWebLink.com](https://www.omegalink.com) or use WebLink Mobile to flash the OL-MDB-ALL with the firmware matching the vehicle.  
NOTE: If OEM remote is being used to activate the remote start be sure to enable "Factory keyless RS sequence" as "Lock + Lock + Lock" OR "Lock + Unlock + Lock"
- 2) Make all the connections shown in the diagram on the following pages.
- 3) Connect any optional RF kit or telematics device as needed.
- 4) Program the OL-MDB-ALL to the vehicle (see "Module Programming" on the following pages).  
NOTE: If an Omegalink RF (OL-RF-XX-SST) is used you will need to program the remotes at this time, Excalibur RF (RFK-XX-SST) kits will be pre-programmed from the factory.
- 5) Test the system for all desired functions.

**Wire Location Chart Diagram #1**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Rogue	Push-to-Start Automatic	2014 - 2016	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Switch On Lower Dash
Nissan	Rogue	Std. Key Automatic	2014 - 2016	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Switch On Lower Dash

## MODEL: OL-HRN-RS-NI8

### OL-MDB-ALL as Stand-Alone Diagram #1

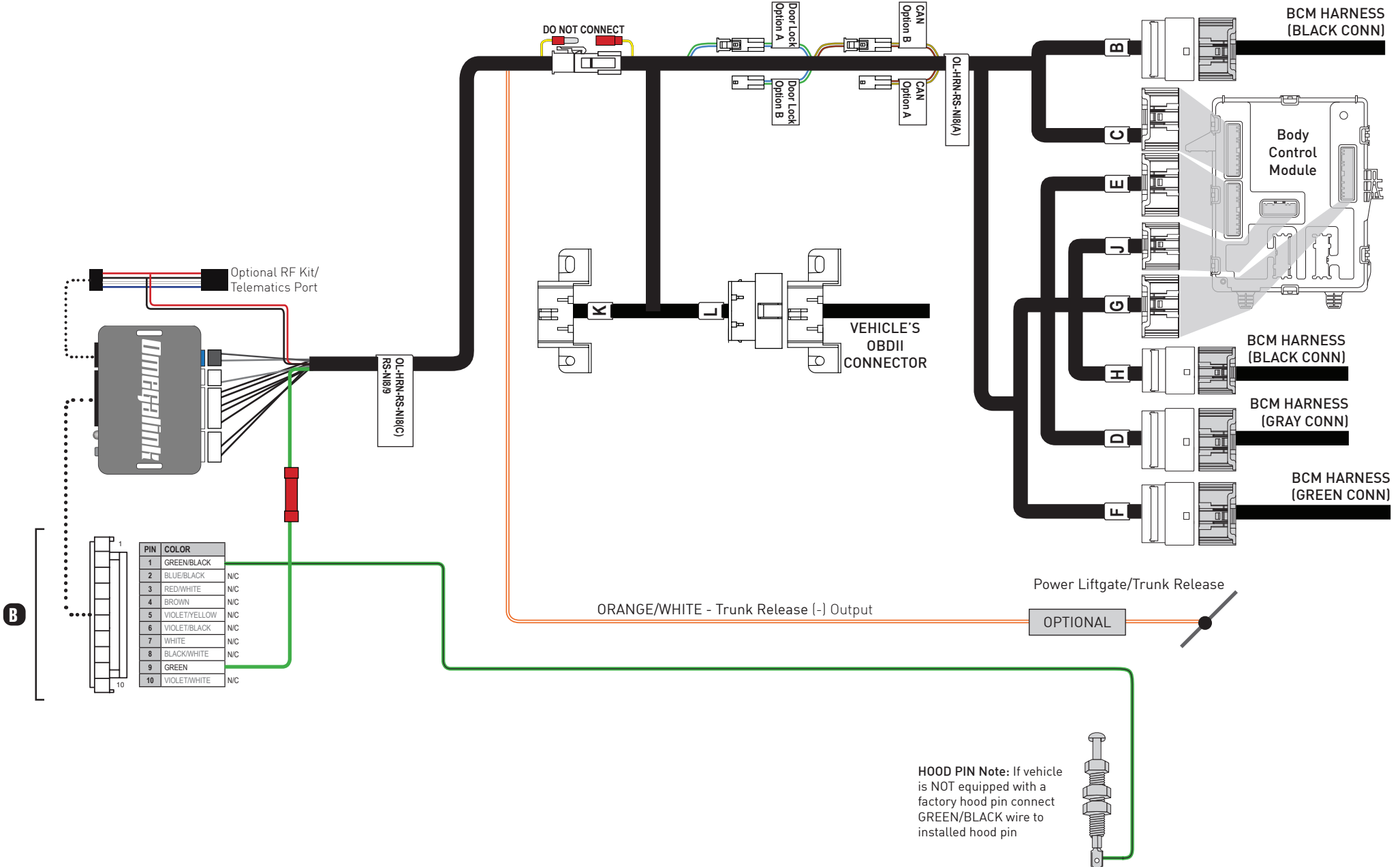


**Wire Location Chart Diagram #2**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Altima	Push-to-Start Sedan Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Trunk Release	GRAY	4	2	BROWN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Qashqai	Push-to-Start 4 Cyl. Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Qashqai	Std. Key 4 Cyl. Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Push-to-Start 4 Cyl. Automatic	2017 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Std. Key 4 Cyl. Automatic	2017 - 2017	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Push-to-Start 4 Cyl. Automatic	2018 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key 4 Cyl. Automatic	2017 - 2018	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT. GREEN	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

### OL-MDB-ALL as Stand-Alone Diagram #2

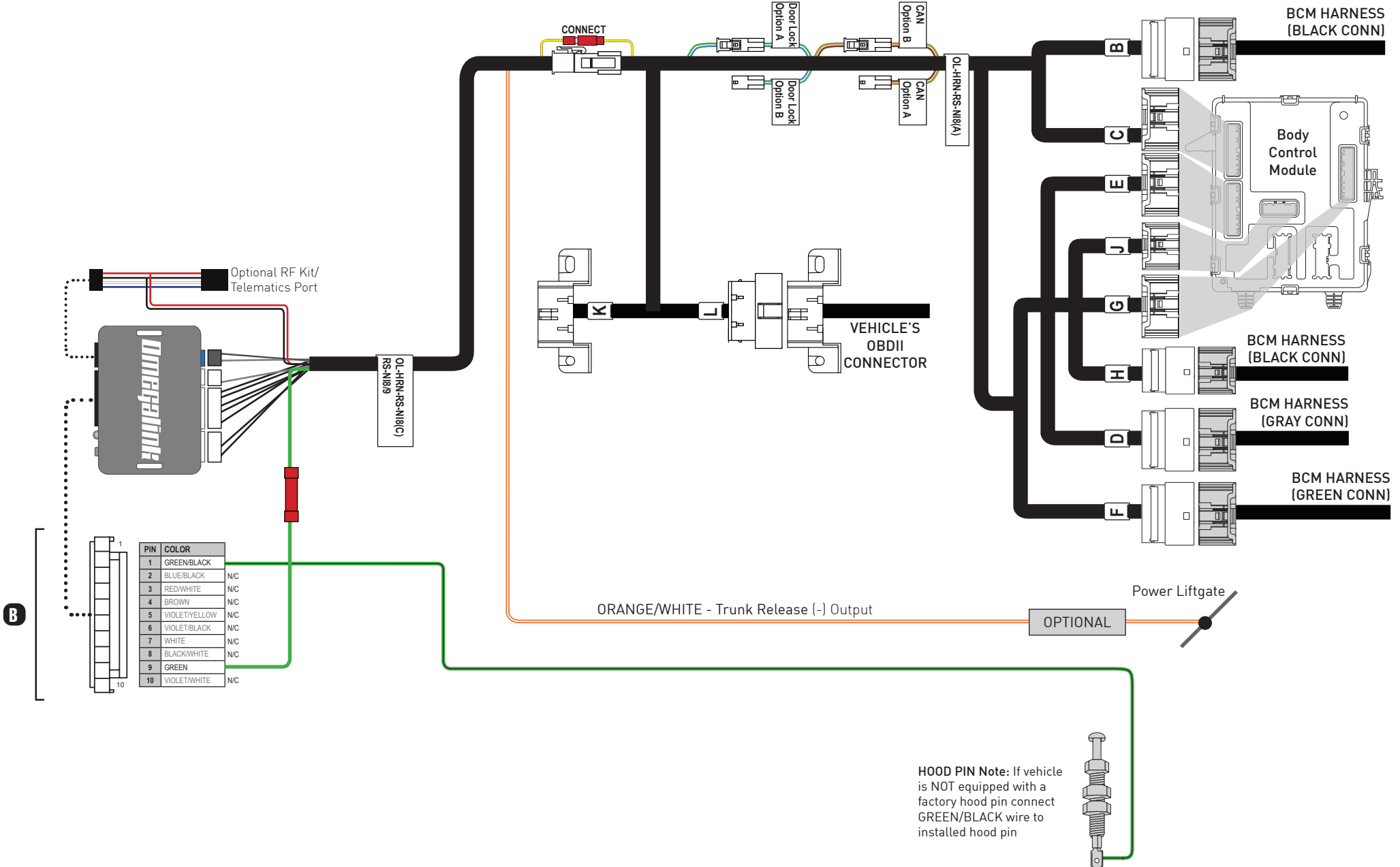


**Wire Location Chart Diagram #3**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Qashqai	Std. Key 4 Cyl. Automatic	2019 - 2023	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue	Std. Key 4 Cyl. Automatic	2018 - 2020	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel
Nissan	Rogue Sport	Std. Key 4 Cyl. Automatic	2019 - 2022	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	GREEN	8	6	LT.GREEN	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

### OL-MDB-ALL as Stand-Alone Diagram #3

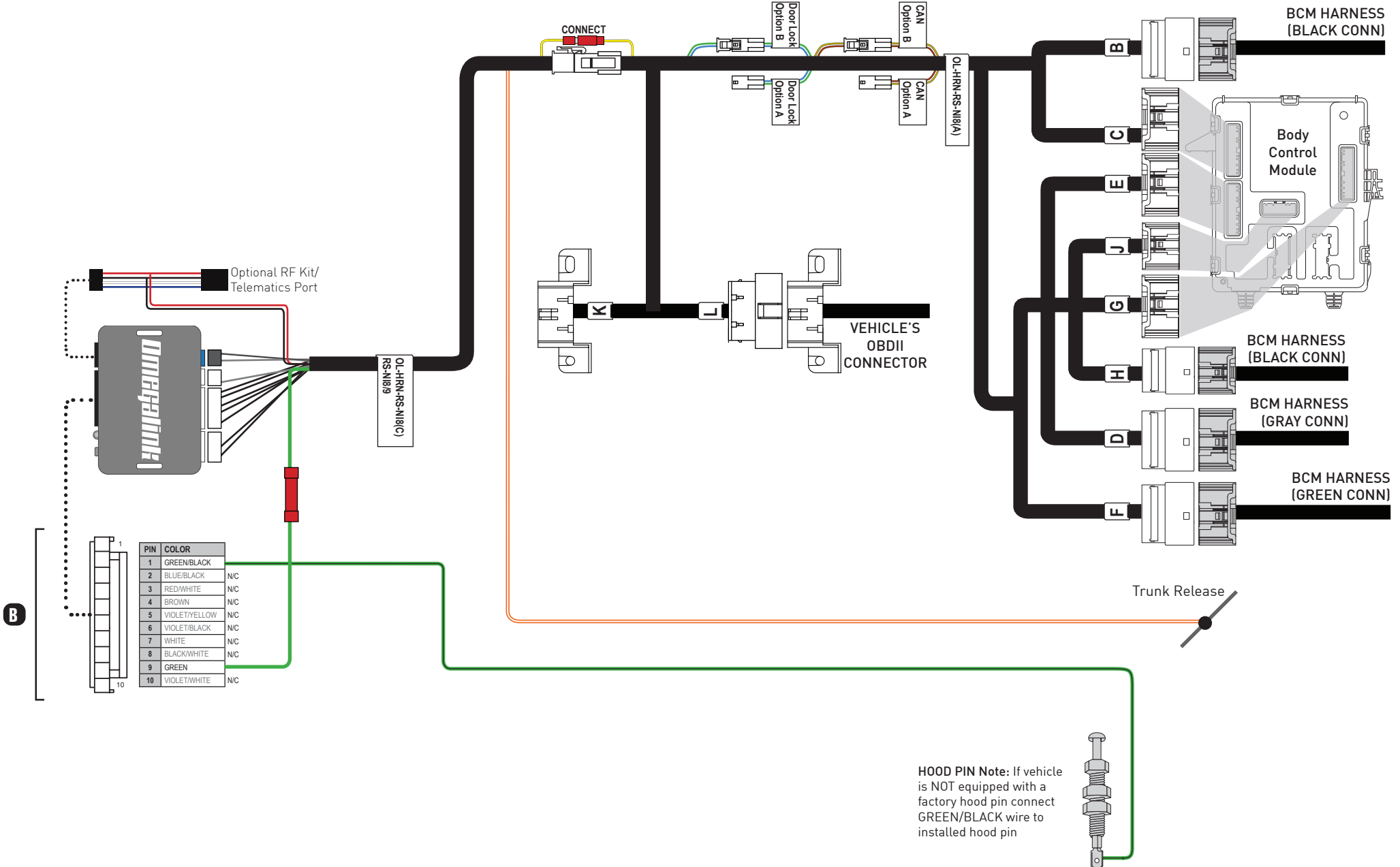


**Wire Location Chart Diagram #4**

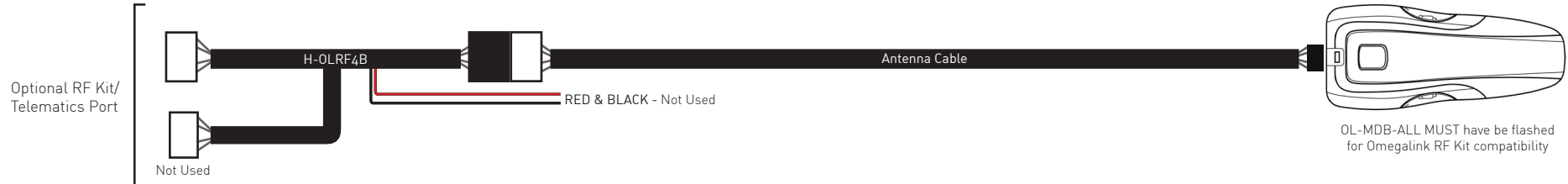
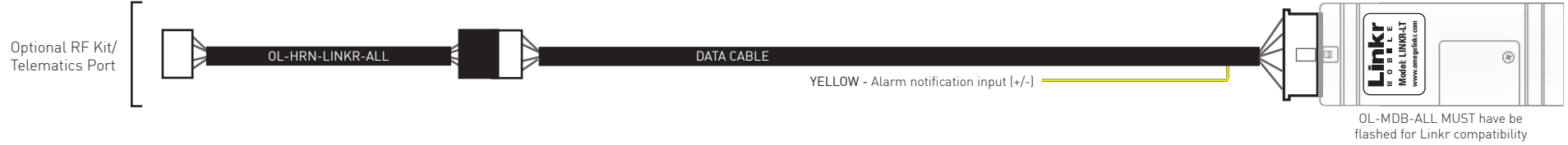
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	QX50	Push-to-Start Automatic	2019 - 2021	Body Control Module	-	-	-	-	-	Under Driver Side Dash
				Lift Gate	WHITE	16	4	WHITE	(-)	At Liftgate Switch Lower Dash Panel

## MODEL: OL-HRN-RS-NI8

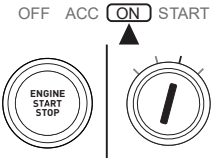
### OL-MDB-ALL as Stand-Alone Diagram #4



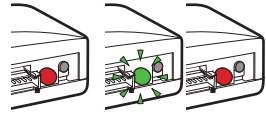
**OL-MDB-ALL as Stand-Alone Optional Accessories**



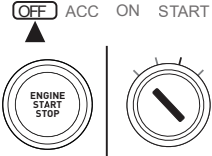
## OL-MDB-ALL as Stand-Alone Module Programming

- 1  Turn the ignition to the ON position.

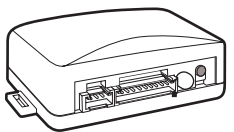
---

- 2  Wait, the LED will turn solid RED, then solid GREEN for 1 second, then solid RED.

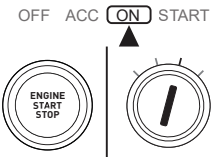
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- 3  Turn the ignition to the OFF position.

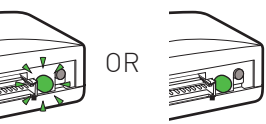
---

- 4  Wait, the LED will turn OFF.

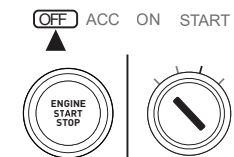
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- 5  Turn the ignition to the ON position.

---

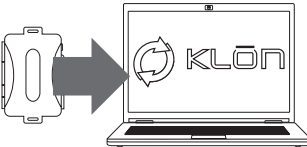
- 6  If LED flashes GREEN rapidly proceed with step 7. If LED turns solid GREEN for 2 seconds proceed to step 13.

---

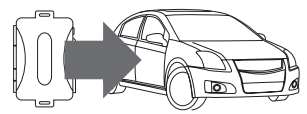
- 7  Turn the ignition to the OFF position.

- 8  **WARNING:**  
Disconnect power last  
Disconnect module from vehicle.

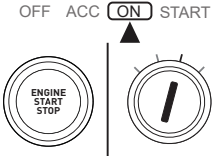
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- 9  Connect module to computer and proceed with extended programming.

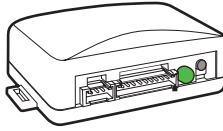
---

- 10  **WARNING:** Do not press module programming button.  
Connect power first.  
Connect all other module connectors

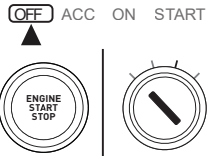
---

- 11  Turn the ignition to the ON position.

---

- 12  Wait, the LED will turn solid GREEN for 2 second.

---

- 13  Turn the ignition to the OFF position.

---

- 14 Proceed to RS-X70 Programming/  
Vehicle Learn.