



**MODEL**  
OL-HRN-RS-NI3

**GUIDE ID**  
NI3\_AL-XX70-B\_RS-X70\_20230605  
**AVAILABLE ACCESSORIES**  
OL-HRN-RS-PWR  
(Adapt to any brand remote start)

## VEHICLE COMPATIBILITY

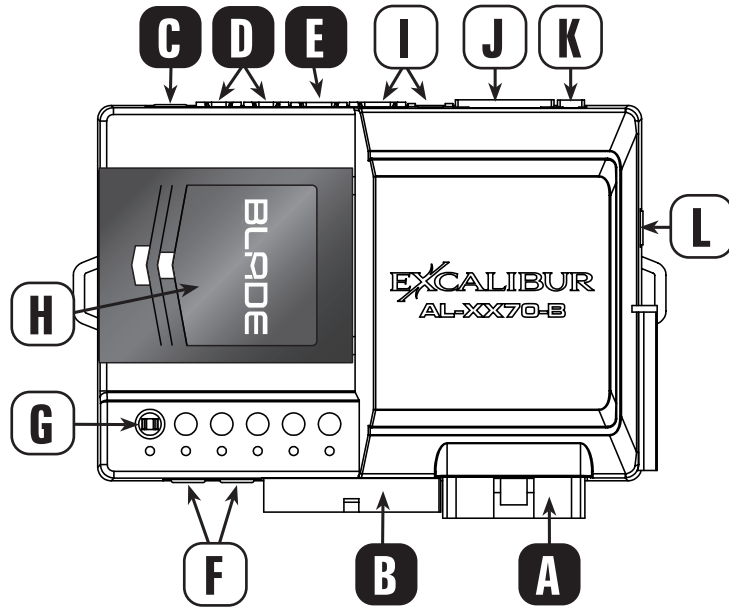
For AL-XX70-B installations see pages 2-13  
For RS-X70 installations see pages 14-25

See Special Note on page 26 for take-over procedure to prevent CEL or TPMS error messages

**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.

Make	Model	Trim	Years	Firmware	Diagram
Infiniti	JX35	Push-to-Start Automatic	2013 - 2013	DL-NI3	3
Infiniti	Q50	Push-to-Start 4 Cyl. Automatic	2016 - 2021	DL-NI3	2
Infiniti	Q50	Push-to-Start 6 Cyl. Automatic	2014 - 2021	DL-NI3	3
Infiniti	Q50	Push-to-Start Hybrid Automatic	2014 - 2021	DL-NI3	3
Infiniti	Q60	Push-to-Start 4 Cyl. Automatic	2017 - 2021	DL-NI3	2
Infiniti	Q60	Push-to-Start 6 Cyl. Automatic	2017 - 2021	DL-NI3	3
Infiniti	QX60	Push-to-Start Automatic	2014 - 2020	DL-NI3	3
Nissan	Altima	Push-to-Start Automatic	2014 - 2018	DL-NI3	1
Nissan	Altima	Push-to-Start Sedan Automatic	2013 - 2013	DL-NI3	1
Nissan	Frontier	Push-to-Start Automatic	2020 - 2023	DL-NI3	4
Nissan	Maxima	Push-to-Start Automatic	2016 - 2022	DL-NI3	1
Nissan	Murano	Push-to-Start Automatic	2015 - 2023	DL-NI3	1
Nissan	Pathfinder	Push-to-Start Automatic	2013 - 2020	DL-NI3	3
Nissan	Titan	Push-to-Start Automatic	2016 - 2023	DL-NI3	4
Nissan	Titan	Push-to-Start Diesel Automatic	2016 - 2023	DL-NI3	4

## 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.

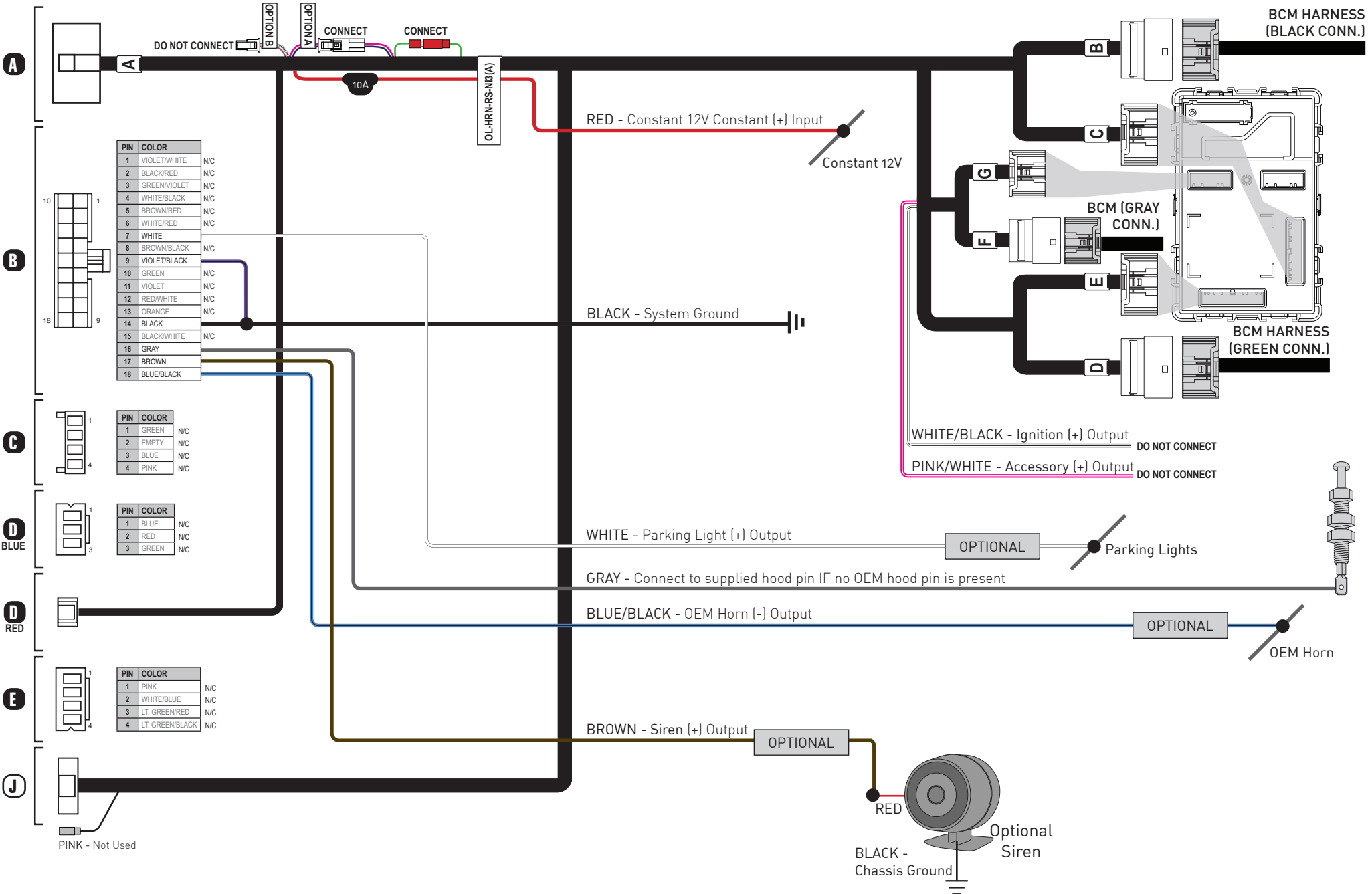
NOTE: Any features NOT supported by the interface module must be hard wired from the remote start to the vehicle. Refer to the remote start install guide and vehicle wiring info at [www.wiresheet.com](http://www.wiresheet.com) (only available for authorized dealers) for instructions.

**Wire Location Chart Diagram #1**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Altima	Push-to-Start Sedan Automatic	2013 - 2013	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	35	GREEN	(-)	Driver Kick Panel
Nissan	Altima	Push-to-Start Automatic	2014 - 2018	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	35	GREEN	(-)	Driver Kick Panel
Nissan	Maxima	Push-to-Start Automatic	2016 - 2022	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	31	TAN	(-)	Driver Kick Panel
Nissan	Murano	Push-to-Start Automatic	2015 - 2023	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	8	RED	(-)	Driver Kick Panel

## MODEL: OL-HRN-RS-NI3

### AL-XX70-B Diagram #1

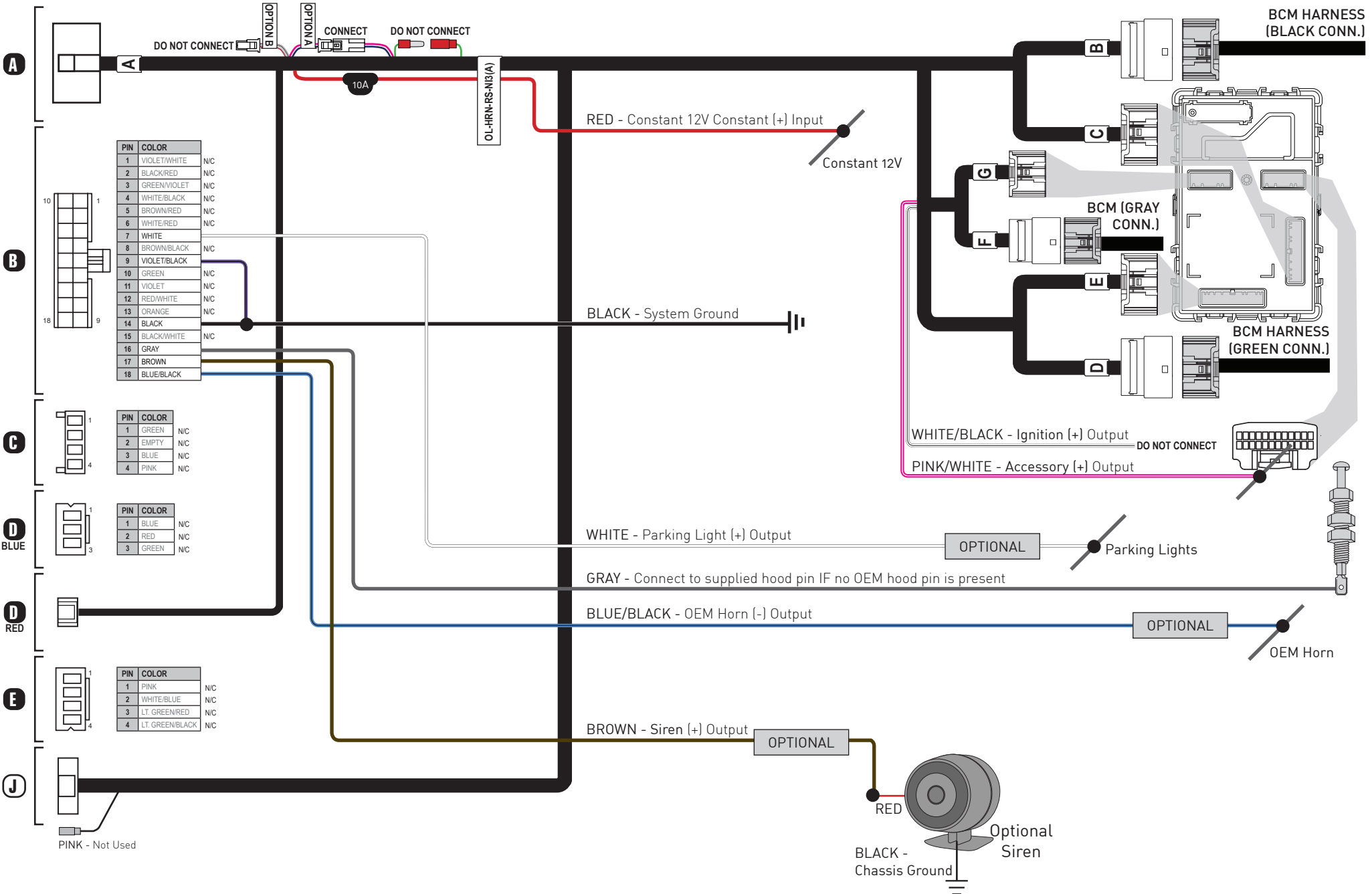


**Wire Location Chart Diagram #2**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	Q50	Push-to-Start 4 Cyl. Automatic	2016 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT. GREEN	(-)	Horn Switch Connector
Infiniti	Q60	Push-to-Start 4 Cyl. Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT. GREEN	(-)	Horn Switch Connector

## MODEL: OL-HRN-RS-NI3

### AL-XX70-B Diagram #2

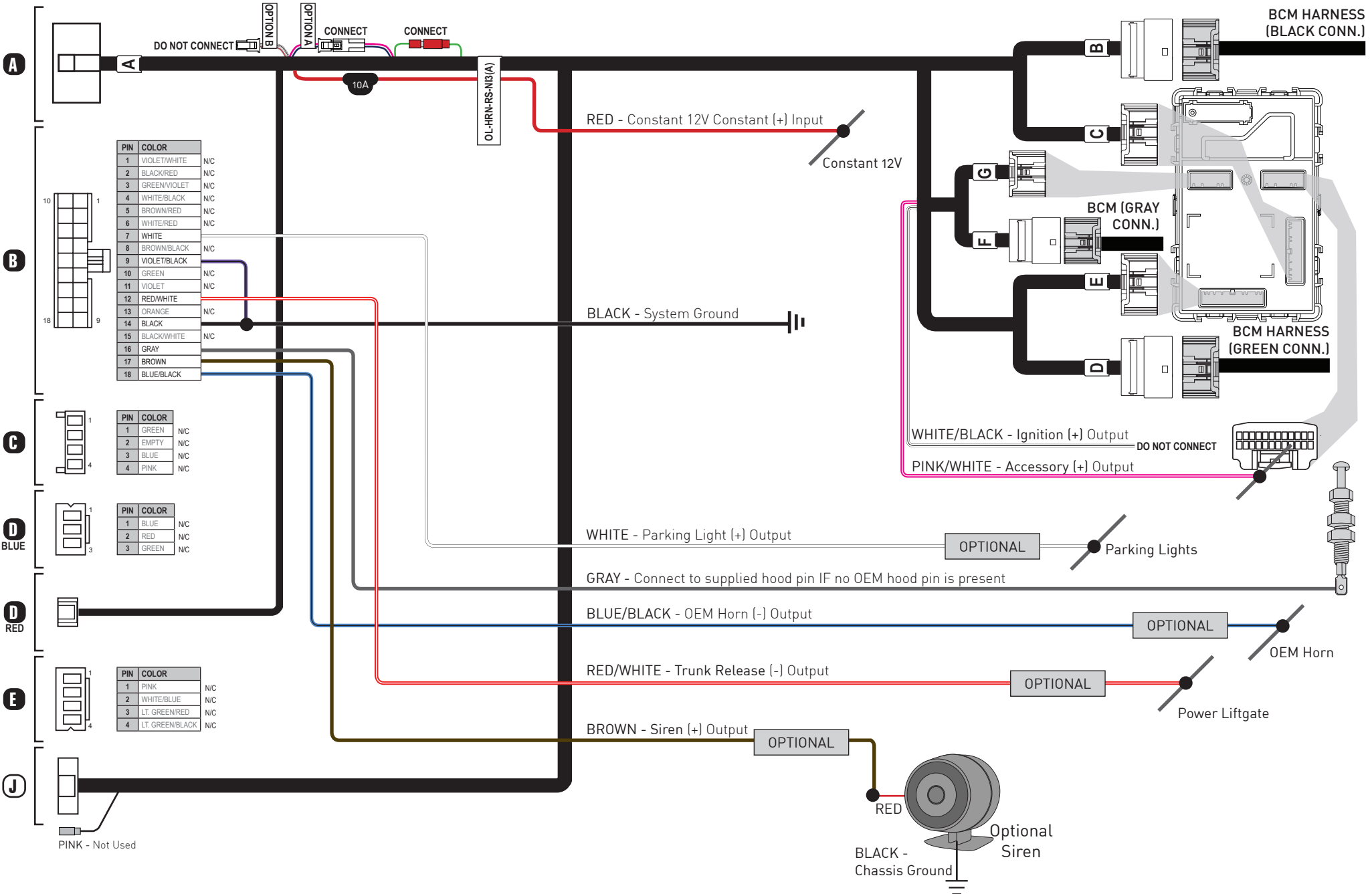


## Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	JX35	Push-to-Start Automatic	2013 - 2013	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	1	RED	(-)	Horn Switch Connector
				Lift Gate	BLACK	8	6	LT. GREEN	(-)	At Power Liftgate Switch
Infiniti	Q50	Push-to-Start 6 Cyl. Automatic	2014 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	Q50	Push-to-Start Hybrid Automatic	2014 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	Q60	Push-to-Start 6 Cyl. Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	QX60	Push-to-Start Automatic	2014 - 2020	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	1	RED	(-)	Horn Switch Connector
				Lift Gate	BLACK	8	6	LT.. GREEN	(-)	At Power Liftgate Switch
Nissan	Pathfinder	Push-to-Start Automatic	2013 - 2020	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	45	RED	(-)	Above Driver Kick

## MODEL: OL-HRN-RS-NI3

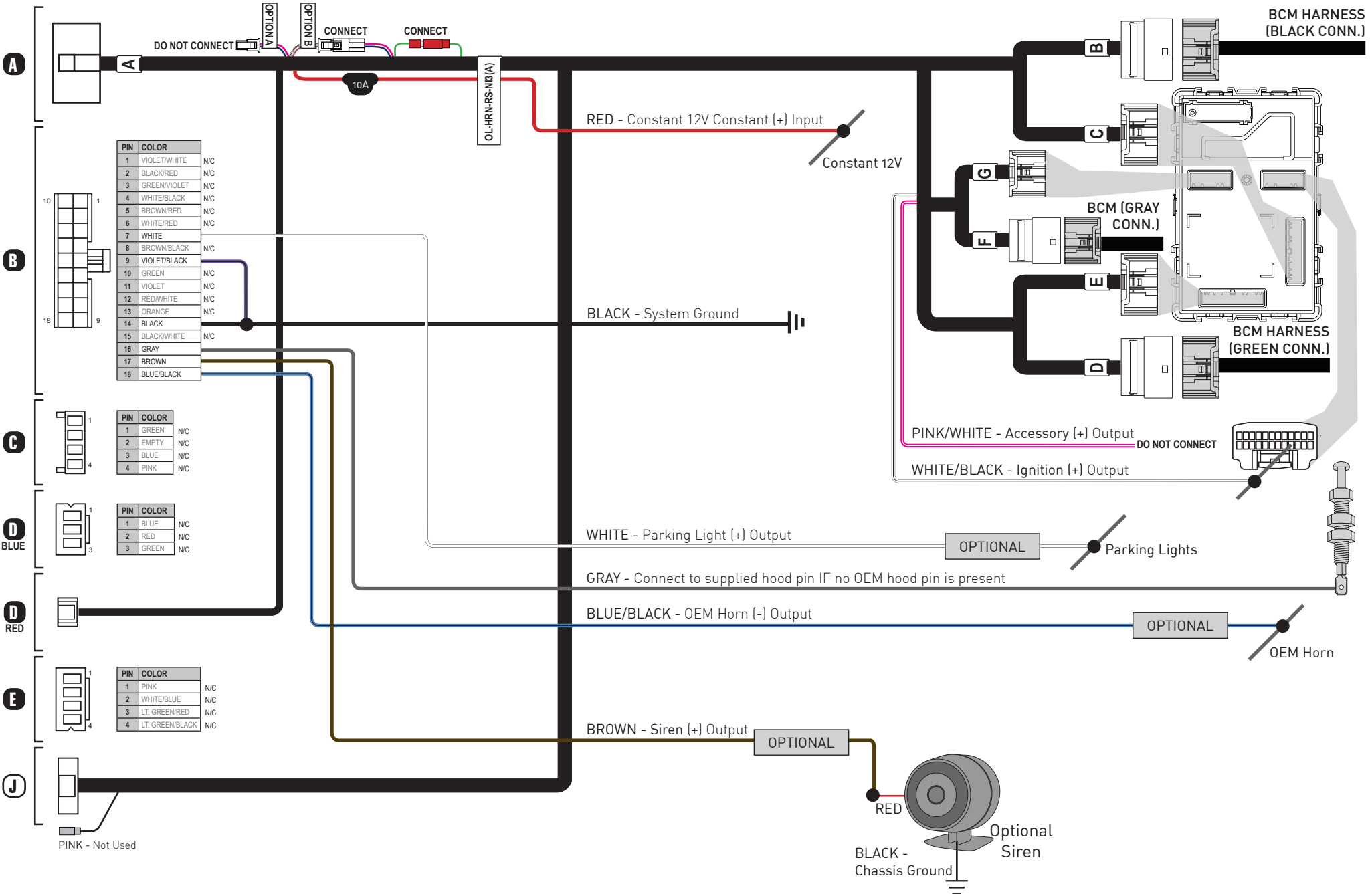
### AL-XX70-B Diagram #3



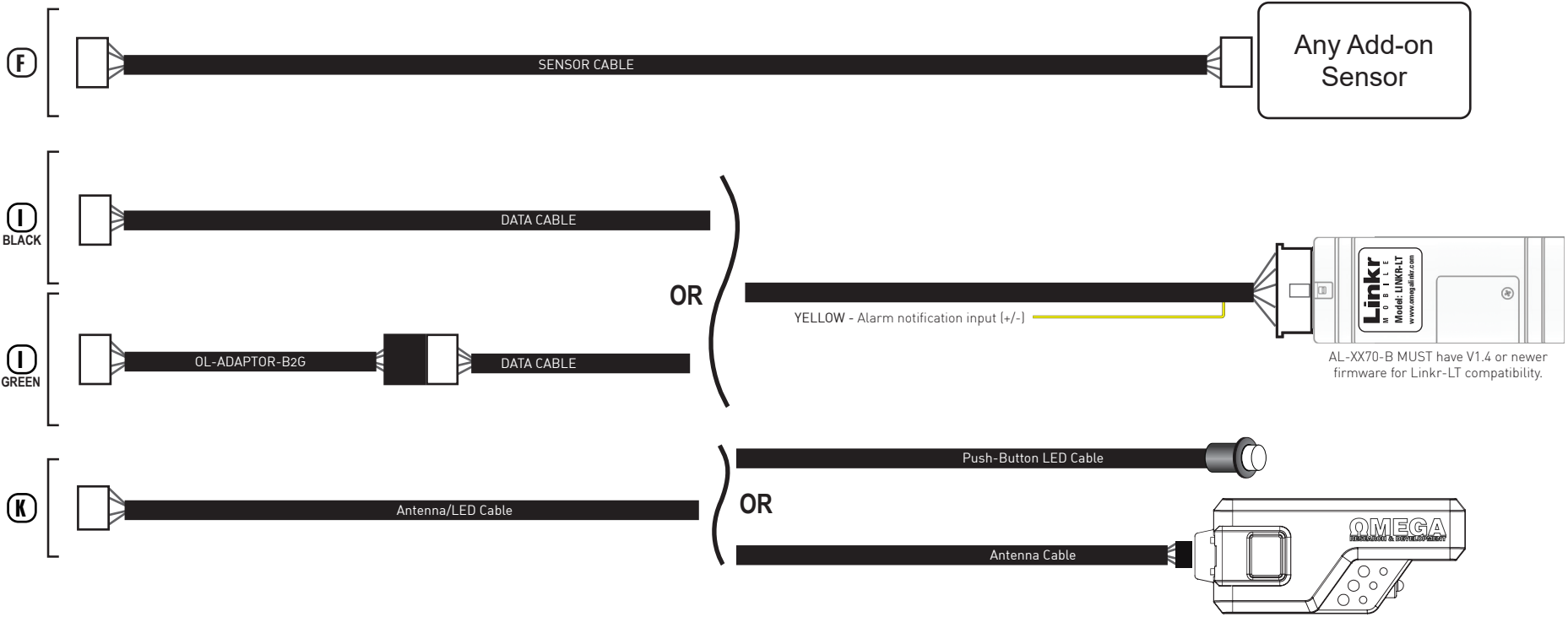
**Wire Location Chart Diagram #4**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Frontier	Push-to-Start Automatic	2020 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	WHITE	6	4	WHITE/RED	(+)	Trailer Brake Connector Right Of Steering Column
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column
Nissan	Titan	Push-to-Start Automatic	2016 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	GREEN	8	1	BLUE	(+)	Head lamp Switch
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column
Nissan	Titan	Push-to-Start Diesel Automatic	2016 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	GREEN	8	1	BLUE	(+)	Head lamp Switch
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column

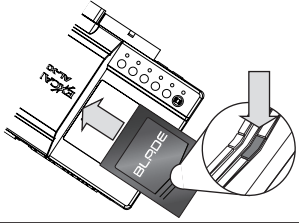
## AL-XX70-B Diagram #4



**AL-XX70-B Optional Accessories**



## Blade Installation




Slide Blade into unit.  
Notice programming button under LED.

Ready for Blade Programming Procedure.

## Blade Programming

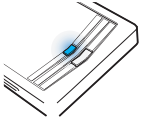
- 1

OFF ACC **ON** START




ENGINE  
START  
STOP

Push the start button twice (2x) to the ON position.
- 2



Wait, if LED turns solid BLUE for 2 seconds.
- 3

**OFF** ACC ON START



ENGINE  
START  
STOP

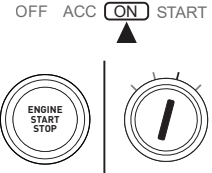
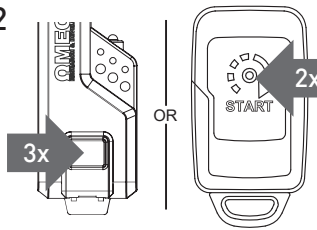
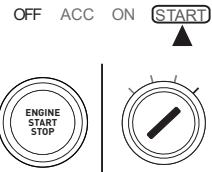
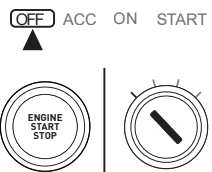
Push the start button once (1x) to the OFF position.
- 4


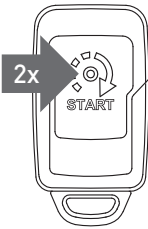
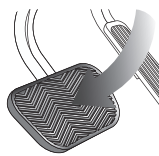
Proceed to AL-XX70-B Programming/  
Vehicle Learn.

## 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.

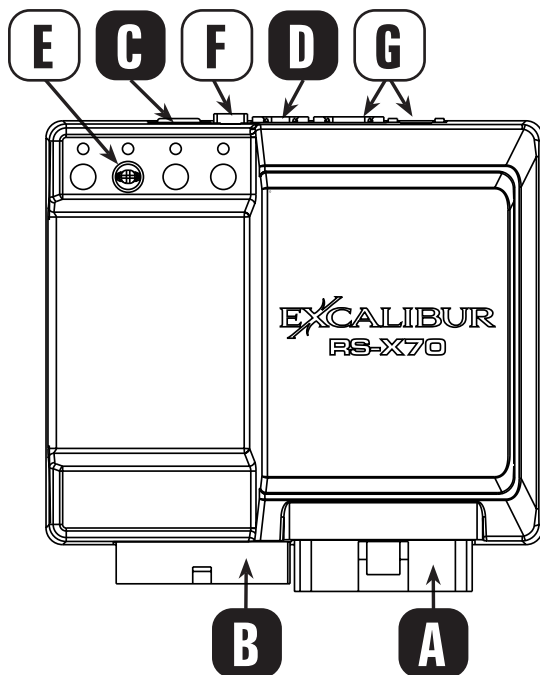
- 1** OFF ACC **ON** START  
Turn ignition to ON position (do not start).
- 
- 
- 2** Within 5 seconds of step 1 press the Valet button 3x or send remote start command (by remote, Linkr, activation input wire etc.).
- 
- The system will chirp & flash lights to indicate crank delay [Default: 1 chirp/flash = 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  
Release the parking brake.
- 
- 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.

## 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.

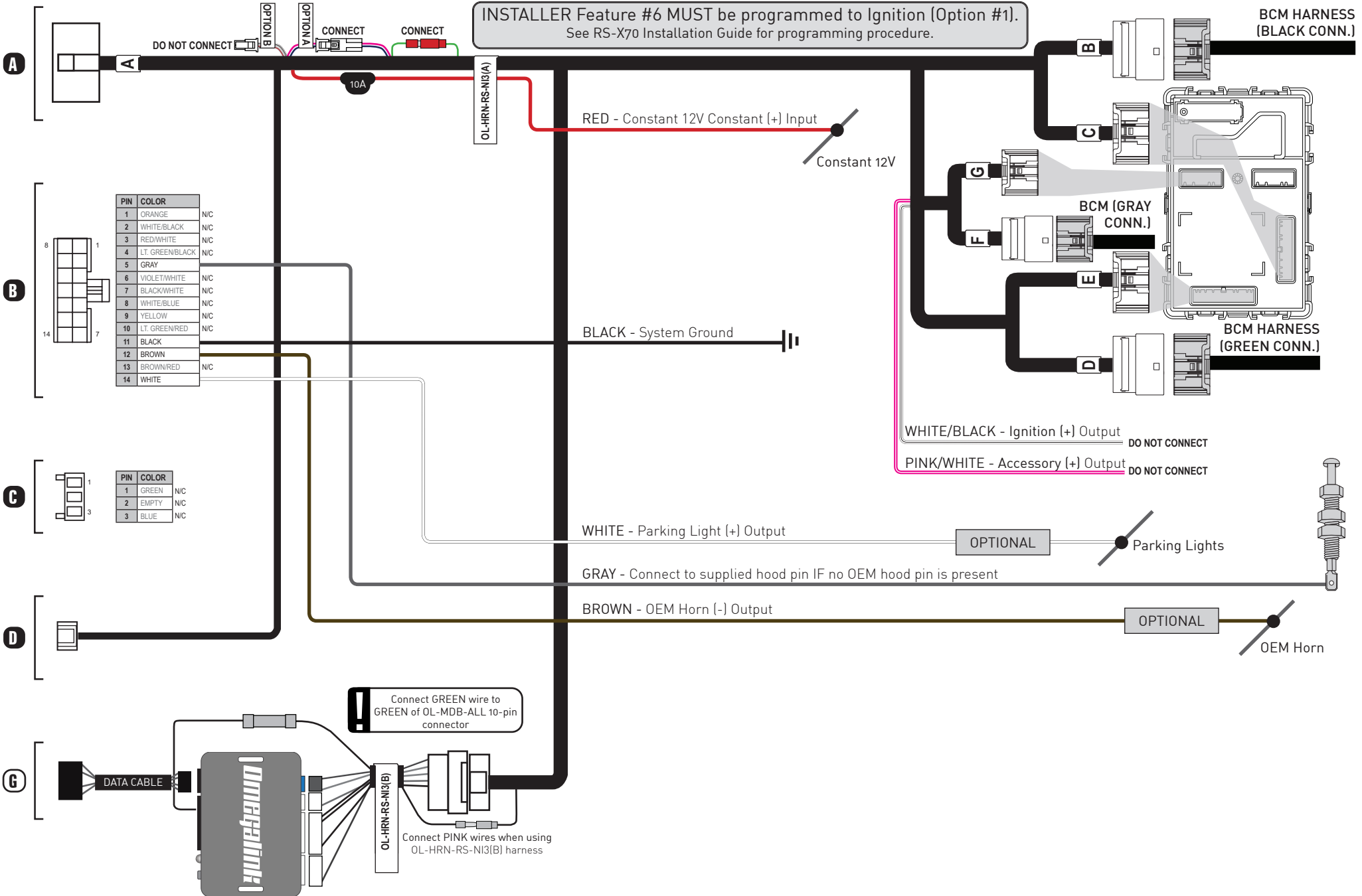
**NOTE:** Any features NOT supported by the interface module must be hard wired from the remote start to the vehicle. Refer to the remote start install guide and vehicle wiring info at [www.wiresheet.com](http://www.wiresheet.com) (only available for authorized dealers) for instructions.

**Wire Location Chart Diagram #1**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Altima	Push-to-Start Sedan Automatic	2013 - 2013	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	35	GREEN	(-)	Driver Kick Panel
Nissan	Altima	Push-to-Start Automatic	2014 - 2018	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	35	GREEN	(-)	Driver Kick Panel
Nissan	Maxima	Push-to-Start Automatic	2016 - 2022	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	31	TAN	(-)	Driver Kick Panel
Nissan	Murano	Push-to-Start Automatic	2015 - 2023	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	8	RED	(-)	Driver Kick Panel

## MODEL: OL-HRN-RS-NI3

### RS-X70 Diagram #1

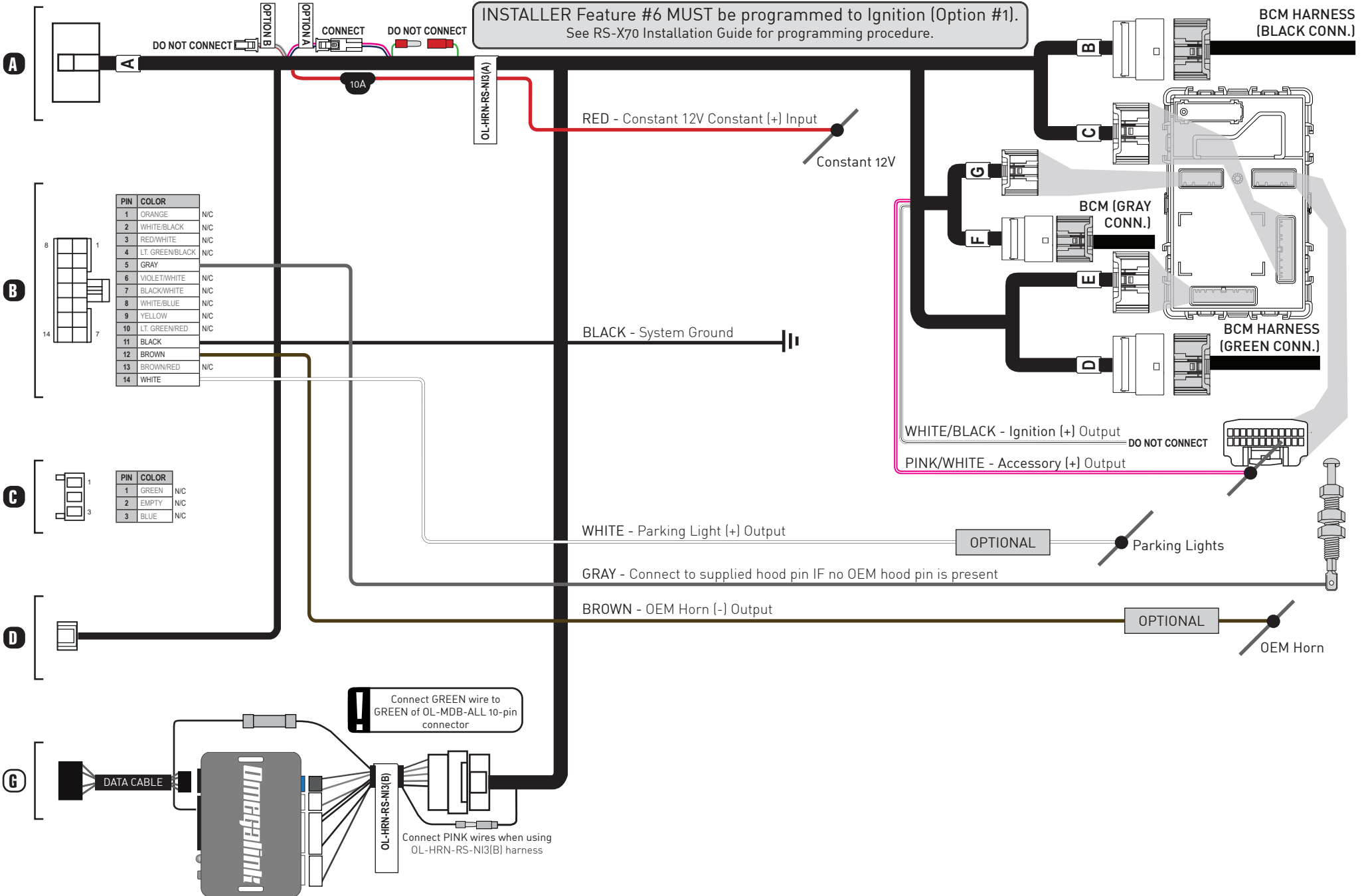


**Wire Location Chart Diagram #2**

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	Q50	Push-to-Start 4 Cyl. Automatic	2016 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT. GREEN	(-)	Horn Switch Connector
Infiniti	Q60	Push-to-Start 4 Cyl. Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT. GREEN	(-)	Horn Switch Connector

## MODEL: OL-HRN-RS-NI3

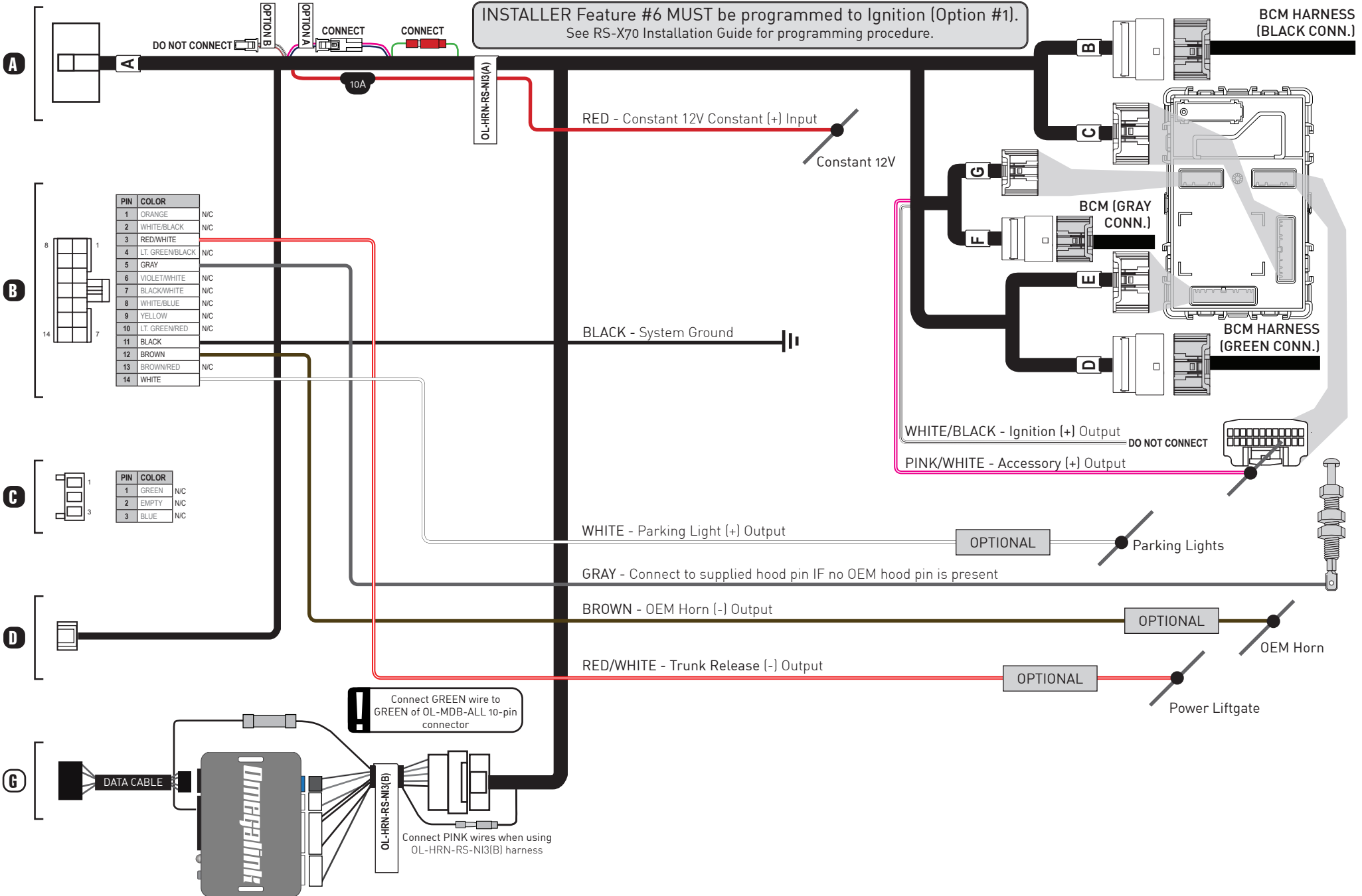
### RS-X70 Diagram #2



## Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Infiniti	JX35	Push-to-Start Automatic	2013 - 2013	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	1	RED	(-)	Horn Switch Connector
				Lift Gate	BLACK	8	6	LT. GREEN	(-)	At Power Liftgate Switch
Infiniti	Q50	Push-to-Start 6 Cyl. Automatic	2014 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	Q50	Push-to-Start Hybrid Automatic	2014 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	Q60	Push-to-Start 6 Cyl. Automatic	2017 - 2021	Body Control Module	-	-	-	-	-	BCM Located In Passenger Kick
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	LT. BLUE	(+)	At BCM
				Parking Lights	WHITE	40	16	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	3	LT.. GREEN	(-)	Horn Switch Connector
Infiniti	QX60	Push-to-Start Automatic	2014 - 2020	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	YELLOW	6	1	RED	(-)	Horn Switch Connector
				Lift Gate	BLACK	8	6	LT.. GREEN	(-)	At Power Liftgate Switch
Nissan	Pathfinder	Push-to-Start Automatic	2013 - 2020	Body Control Module	-	-	-	-	-	BCM Located Behind Instrument Cluster
				Constant 12V	WHITE	15	11	WHITE (40A)	(+)	At BCM
				Accessory	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	BROWN	16	1	RED	(+)	Fuse Box Under Driver Dash
				Horn	WHITE	100	45	RED	(-)	Above Driver Kick

## RS-X70 Diagram #3

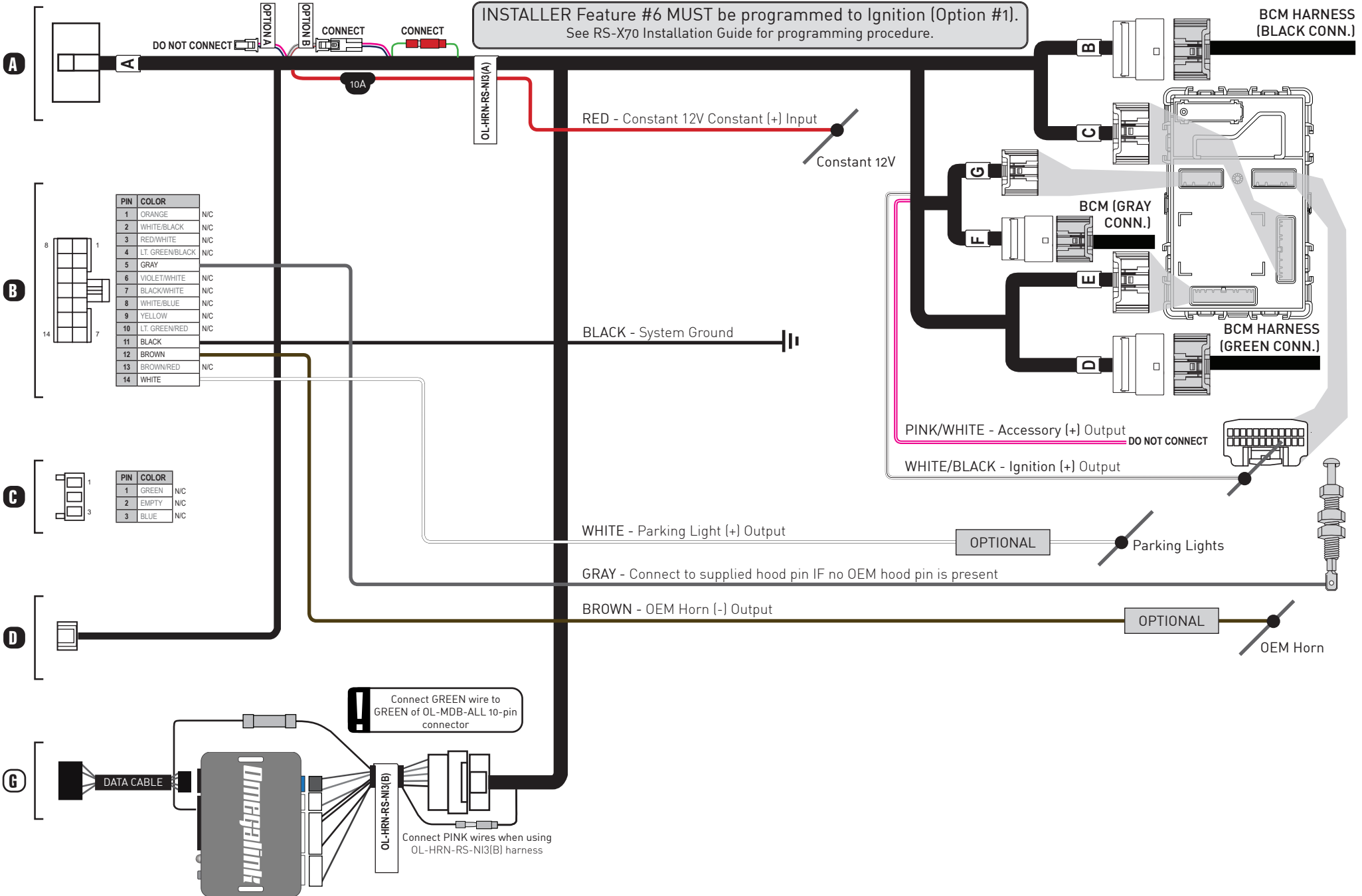


**Wire Location Chart Diagram #4**

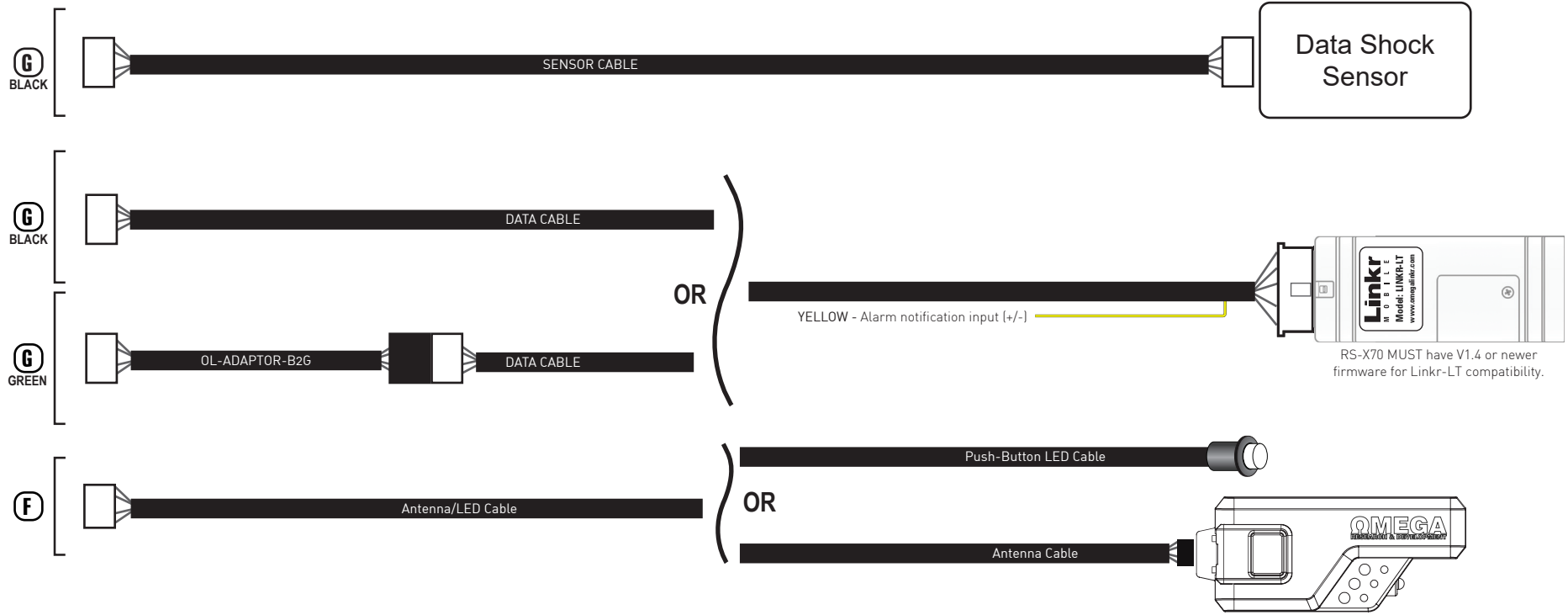
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Nissan	Frontier	Push-to-Start Automatic	2020 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	WHITE	6	4	WHITE/RED	(+)	Trailer Brake Connector Right Of Steering Column
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column
Nissan	Titan	Push-to-Start Automatic	2016 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	GREEN	8	1	BLUE	(+)	Head lamp Switch
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column
Nissan	Titan	Push-to-Start Diesel Automatic	2016 - 2023	Body Control Module	-	-	-	-	-	Right Side Of Steering Column
				Constant 12V	WHITE	15	11	WHITE	(+)	At BCM
				Ignition	BLACK	24	9	BLUE	(+)	At BCM
				Parking Lights	GREEN	8	1	BLUE	(+)	Head lamp Switch
				Horn	WHITE	24	7	RED/WHITE	(-)	Horn Switch Plug At Steering Column

## MODEL: OL-HRN-RS-NI3

### RS-X70 Diagram #4

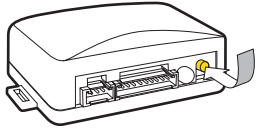


**RS-X70 Optional Accessories**



### Installation Mode Selection

1

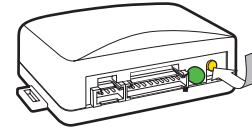


Press and release programming button to select installation mode.



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

2



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

**!** After registration, follow **Factory Reset** to change installation mode and restart this process.

### Module Programming

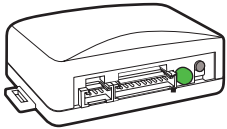
1

OFF ACC **ON** START



Push the start button twice (2x) to the ON position.

2



Wait, if LED turns solid GREEN for 2 seconds.

3

**OFF** ACC ON START



Push the start button once (1x) to the OFF position.

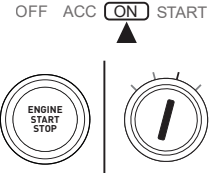
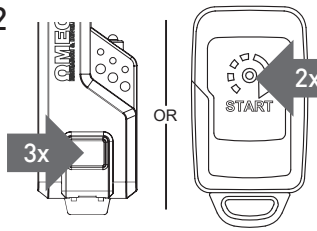
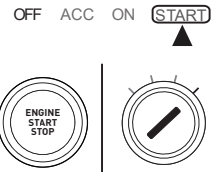
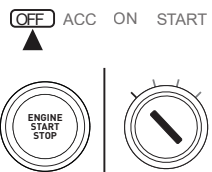
4


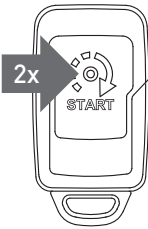
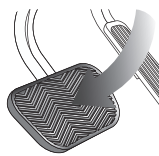
Proceed to RS-X70 Programming/  
Vehicle Learn.

## 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** 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  
Release the parking brake.
- 
- 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** **BRAKE**  
**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.

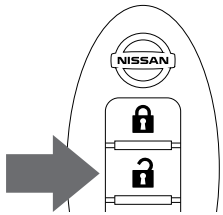
## Push to Start Vehicle Take Over Procedure - For Vehicle Owner

**NOTE:**

- This procedure must be followed prior to entering the vehicle when running via remote start.
- All vehicle doors must be closed prior to remote start.

**!** Failure to follow this procedure may result in CHECK ENGINE light or TIRE PRESSURE error messages.

- 1 Press Unlock on the aftermarket remote or OEM fob..

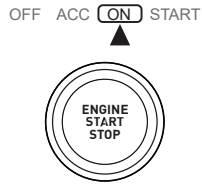


- 2 Open the vehicle door and enter the vehicle **WITH THE OEM FOB.**



Close the vehicle door.

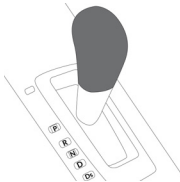
- 3 Wait for the LED indicator of the Push Button to change to the ON position OR the Orange LED indicator of the Push Button to turn ON.



- 4 Press & release the Brake pedal.



- 5 **AFTER** the LED indicator is in the ON position it is safe to drive the vehicle.



- 6 The Take Over Procedure is complete.