



MODEL

OL-HRN-RS-HA7

GUIDE ID

HA7_AL-XX70-B_RS-X70_20230605

AVAILABLE ACCESSORIES

OL-HRN-RS-PWR

(Adapt to any brand remote start w/ BLADE or OL-MDB-ALL / FL-CAN / ADS-AL-CA)

VEHICLE COMPATIBILITY

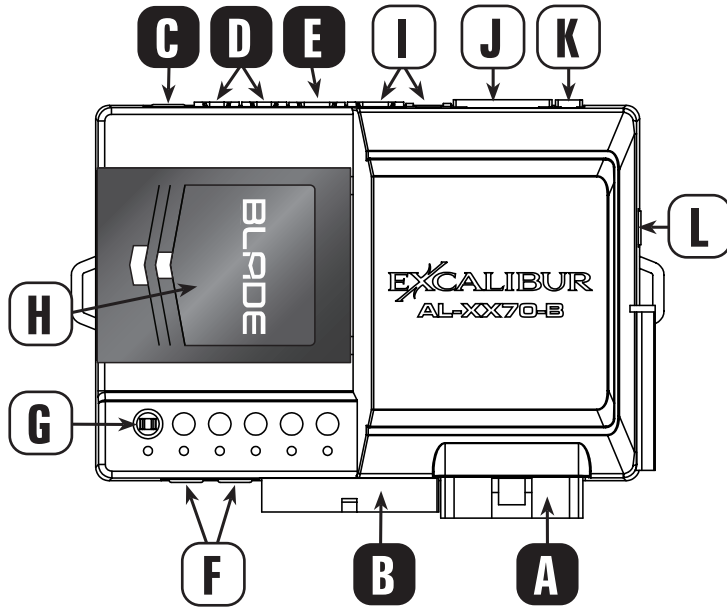
For AL-XX70-B installations see pages 2-10

For RS-X70 installations see pages 11-19

Make	Model	Trim	Years	Firmware	Diagram
Acura	ILX	Push-to-Start Automatic	2016 - 2022	DL-HA6	1
Acura	MDX	Push-to-Start Automatic	2014 - 2020	DL-HA6	1
Acura	RDX	Push-to-Start Automatic	2016 - 2018	DL-HA6	1
Acura	RLX	Push-to-Start Automatic	2016 - 2020	DL-HA6	1
Acura	TLX	Push-to-Start Automatic	2015 - 2020	DL-HA6	1
Honda	Fit	Push-to-Start Automatic	2015 - 2020	DL-HA6	1
Honda	Fit	Push-to-Start Manual	2015 - 2020	DL-HA6	2
Honda	HR-V	Push-to-Start Automatic	2016 - 2022	DL-HA6	1
Honda	HR-V	Push-to-Start Manual	2016 - 2022	DL-HA6	2
Honda	Odyssey	Push-to-Start Automatic	2014 - 2017	DL-HA6	1
Honda	Passport	Push-to-Start Automatic	2019 - 2023	DL-HA6	1
Honda	Pilot	Push-to-Start Automatic	2016 - 2022	DL-HA6	1
Honda	Ridgeline	Push-to-Start Automatic	2017 - 2023	DL-HA6	1

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 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, 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 (only available for authorized dealers) for instructions.

Wire Location Chart Diagram #1

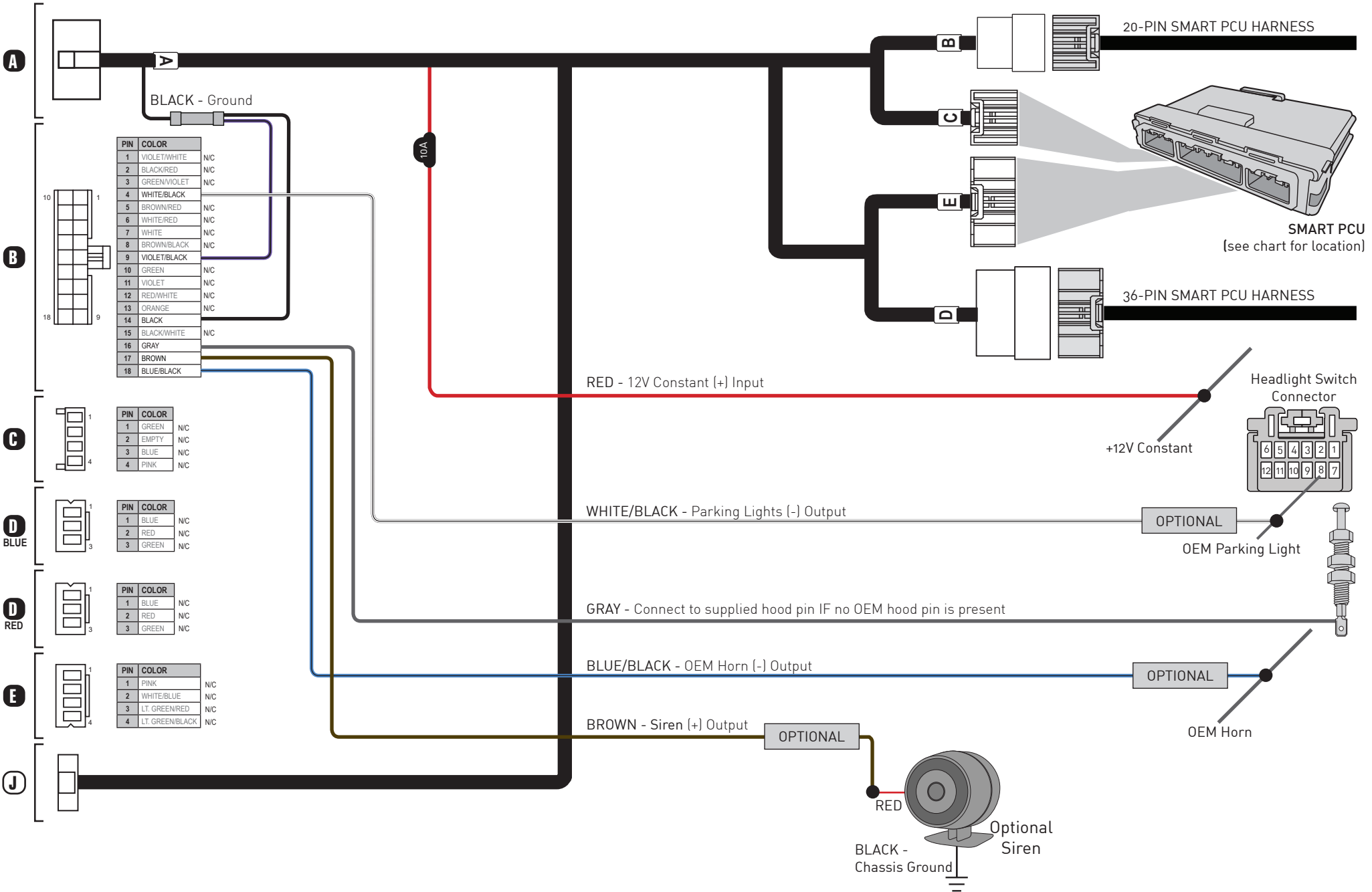
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Acura	ILX	Push-to-Start Automatic	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	38 pin	35	PINK	(-)	Dash Fuse Box
Acura	MDX	Push-to-Start Automatic	2014 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	WHITE	3 pin	1	WHITE	(+)	Driver Kick Panel
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	-	-	VIOLET	(-)	Steering Column Harness
Acura	RDX	Push-to-Start Automatic	2016 - 2018	Smart PCU	-	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	38 pin	35	BROWN	(-)	Dash Fuse Box
Acura	RLX	Push-to-Start Automatic	2016 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Near Driver Fuse Box
				12V Constant	-	2 pin	1	YELLOW	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	PINK	(-)	Headlight Switch
				Horn	-	28 pin	16	TAN	(-)	Dash Fuse Box
Acura	TLX	Push-to-Start Automatic	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	36 pin	32	ORANGE	(-)	Dash Fuse Box
Honda	Fit	Push-to-Start Automatic	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	-	-	VIOLET	(-)	Steering Column Harness
Honda	HR-V	Push-to-Start Automatic	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	20 pin	2	VIOLET	(-)	Steering Column
Honda	Odyssey	Push-to-Start Automatic	2014 - 2017	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	-	2 pin	1	GREEN	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	BLUE	36 pin	30	VIOLET	(-)	Above Dash Fuse Box

MODEL: OL-HRN-RS-HA7

Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Honda	Passport	Push-to-Start Automatic	2019 - 2023	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	WHITE	12 pin	8	WHITE	(-)	Headlight Switch
				Horn	-	36 pin	29	BLUE	(-)	Dash Fuse Box
Honda	Pilot	Push-to-Start Automatic	2016 - 2021	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	WHITE	(-)	Headlight Switch
				Horn	-	36 pin	31	BLUE	(-)	Dash Fuse Box
Honda	Ridgeline	Push-to-Start Automatic	2017 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	WHITE	(-)	Headlight Switch
				Horn	-	36 pin	31	BLUE	(-)	Dash Fuse Box

AL-XX70-B Diagram #1

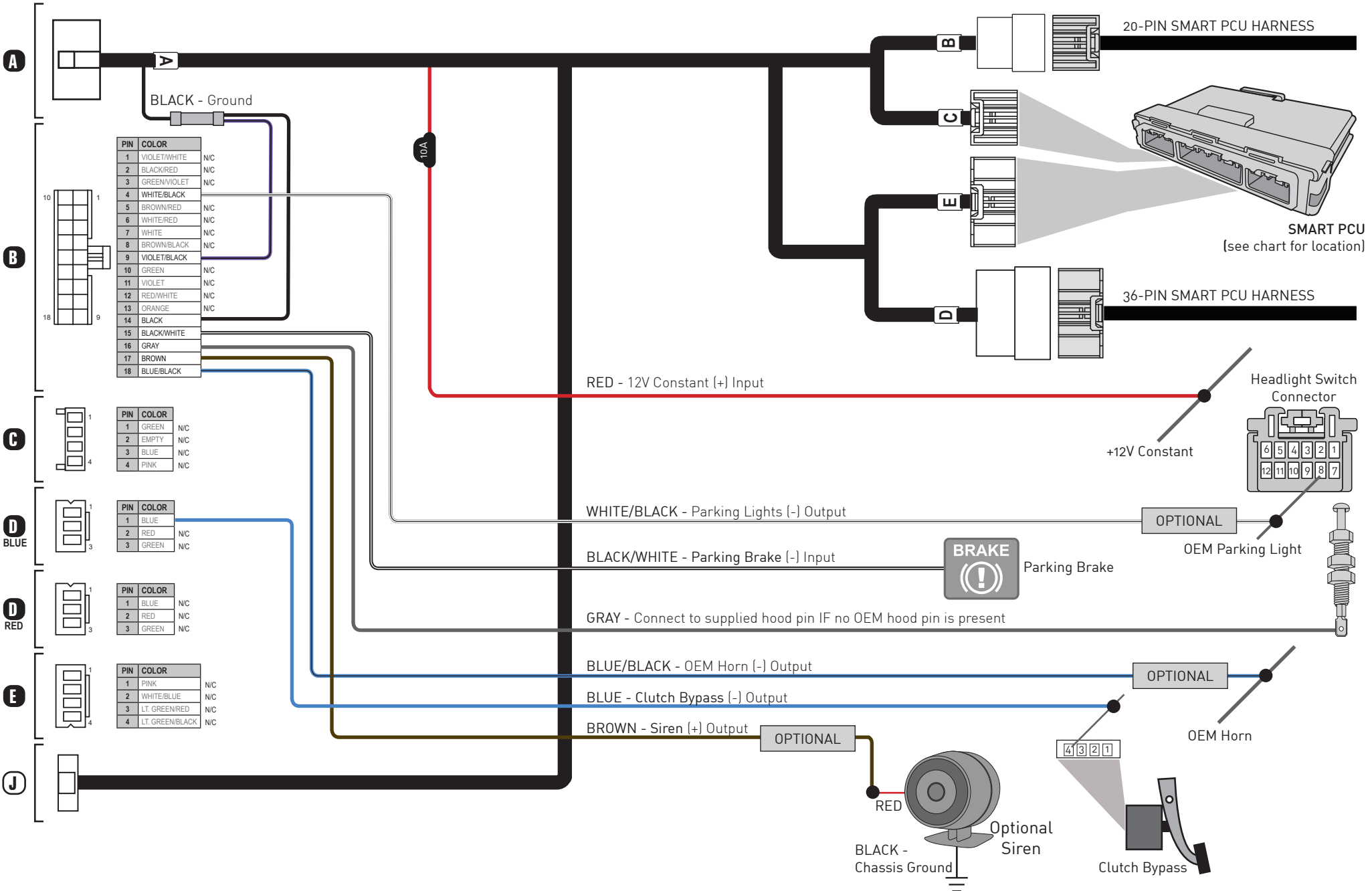


MODEL: OL-HRN-RS-HA7

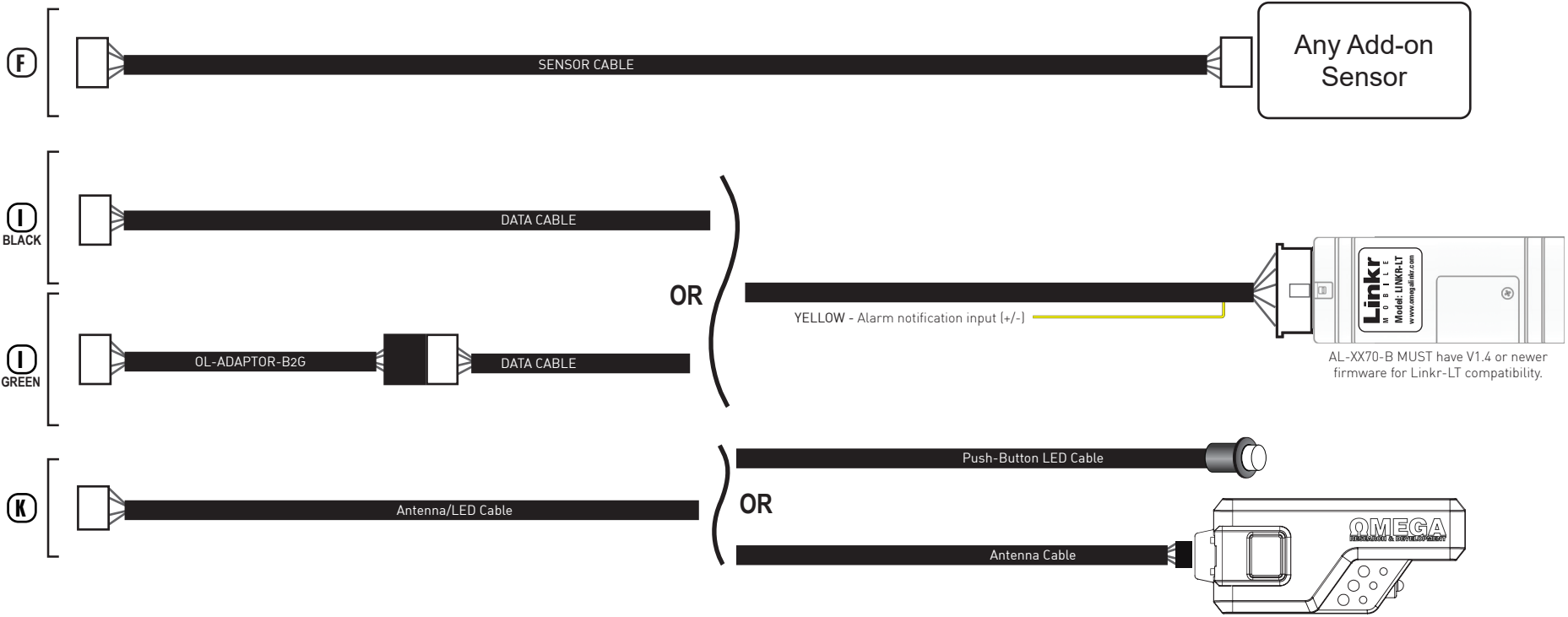
Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Honda	Fit	Push-to-Start Manual	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	20 pin	-	VIOLET	(-)	Steering Column Harness
				Parking Brake	-	1 pin	1	BLUE	(-)	Parking Brake Pedal/Lever
				Clutch Bypass	BLUE	4 pin	4	LT. GREEN	(-)	Above Clutch Pedal
Honda	HR-V	Push-to-Start Manual	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	20 pin	2	VIOLET	(-)	Steering Column
				Parking Brake	-	-	-	BLUE	(-)	Parking Brake Pedal/Lever
				Clutch Bypass	WHITE	4 pin	4	PINK	(-)	Above Clutch Pedal

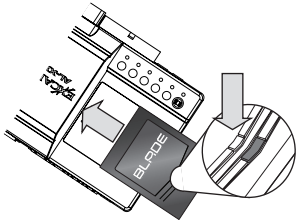
AL-XX70-B Diagram #2



AL-XX70-B Optional Accessories



Blade Installation

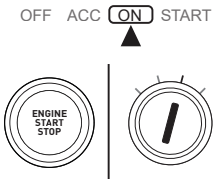


Slide Blade into unit.
Notice programming button under LED.

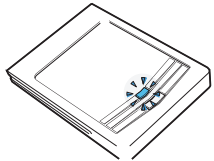
Ready for Blade Programming Procedure.

Blade Programming

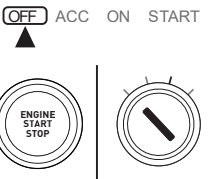
1 Turn ignition to ON position.



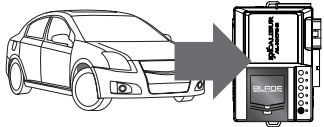
2 Wait, LED will Flash BLUE rapidly.



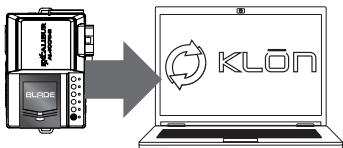
3 Turn ignition to OFF position.



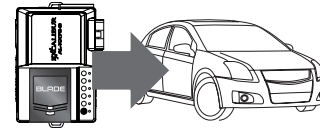
4 **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.



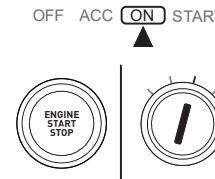
5 Connect remote start to computer and proceed with extended programming.



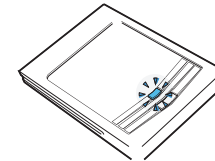
6 **WARNING:** Do not press Blade programming button.
Connect power first.
Connect all other remote start connectors



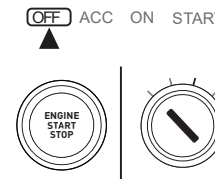
7 Turn ignition to ON position.



8 Wait, LED will turn solid BLUE for 2 seconds.



9 Turn ignition to OFF position.



10 Press UNLOCK on the OEM remote.



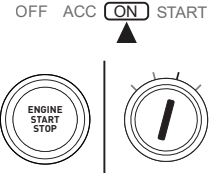
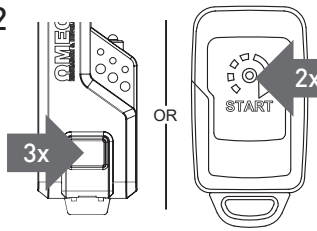
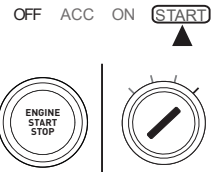
! If the vehicle is equipped with power liftgate, open and close the power liftgate with the OEM keyfob

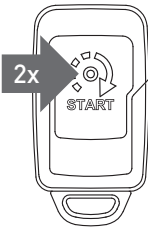
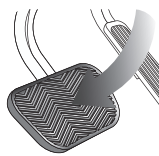
11 Proceed to AL-XX70-B Programming/Vehicle Learn.

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.

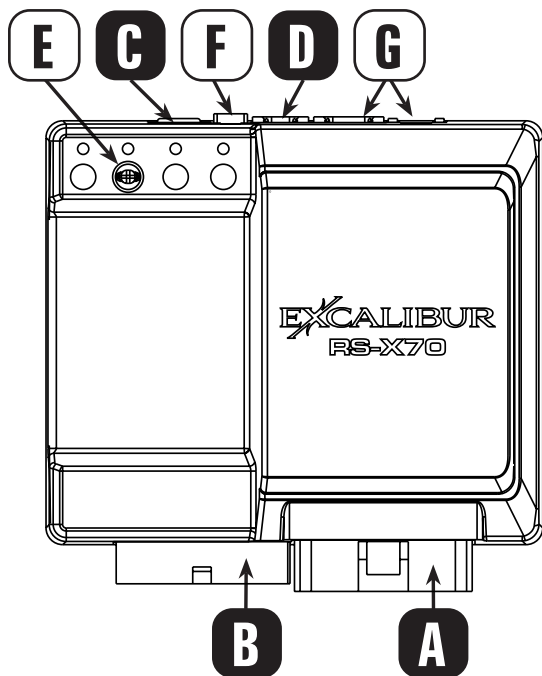
- 1** OFF ACC **ON** START
Turn ignition to ON position (do not start).
- 
-
- 2** Within 5 seconds of step 1 press the Valet button 3x or send remote start command (by remote, Linkr, activation input wire etc.).
- 
- The system will chirp & flash lights to indicate crank delay [Default: 1 chirp/flash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

Wire Location Chart Diagram #1

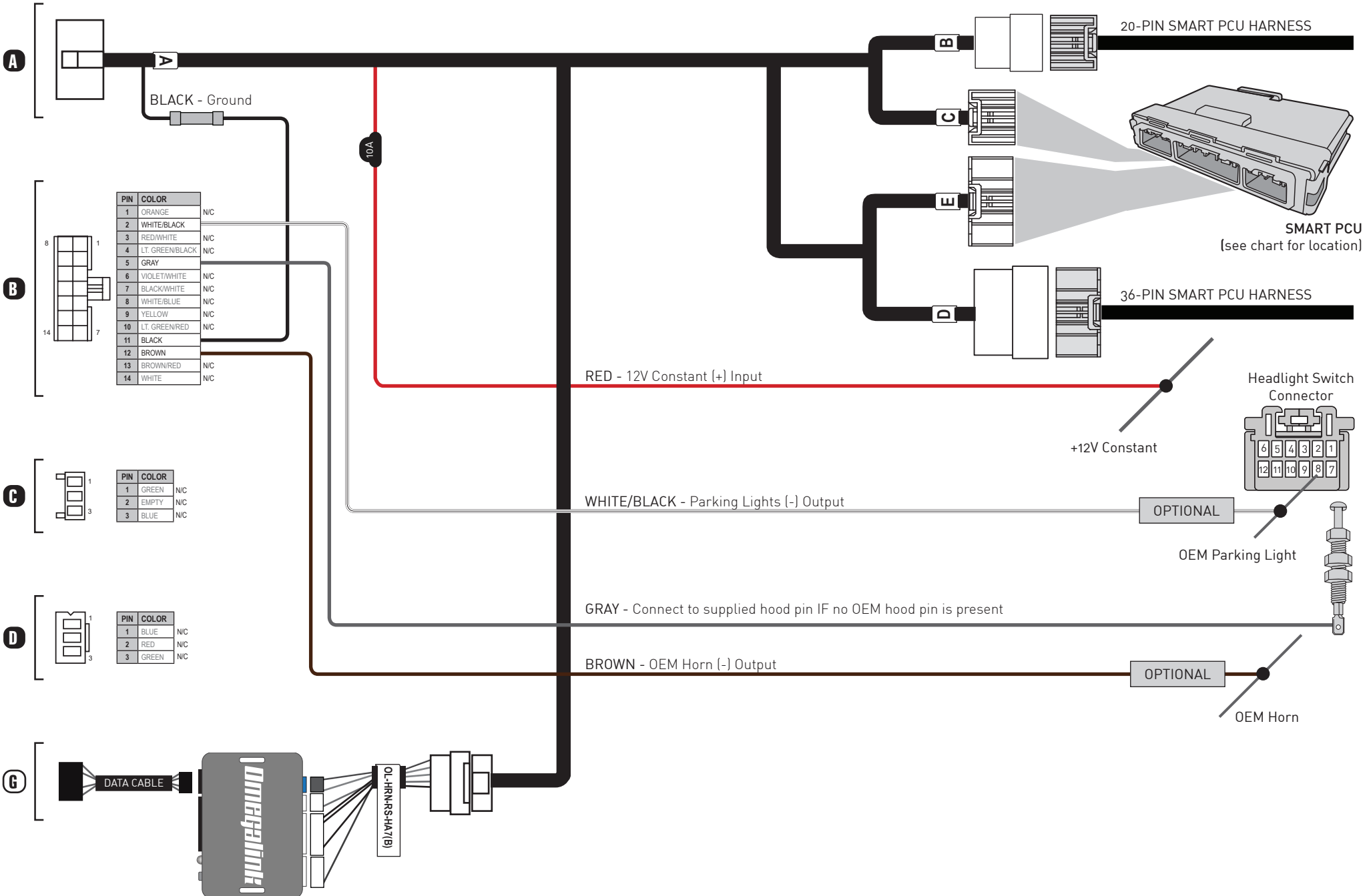
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Acura	ILX	Push-to-Start Automatic	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	38 pin	35	PINK	(-)	Dash Fuse Box
Acura	MDX	Push-to-Start Automatic	2014 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	WHITE	3 pin	1	WHITE	(+)	Driver Kick Panel
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	-	-	VIOLET	(-)	Steering Column Harness
Acura	RDX	Push-to-Start Automatic	2016 - 2018	Smart PCU	-	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
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Acura	RLX	Push-to-Start Automatic	2016 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Near Driver Fuse Box
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Acura	TLX	Push-to-Start Automatic	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	WHITE	2 pin	1	WHITE	(+)	Dash Relay Box
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				Horn	WHITE	36 pin	32	ORANGE	(-)	Dash Fuse Box
Honda	Fit	Push-to-Start Automatic	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	-	-	VIOLET	(-)	Steering Column Harness
Honda	HR-V	Push-to-Start Automatic	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	20 pin	2	VIOLET	(-)	Steering Column
Honda	Odyssey	Push-to-Start Automatic	2014 - 2017	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Gas Pedal
				12V Constant	-	2 pin	1	GREEN	(+)	Dash Relay Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	BLUE	36 pin	30	VIOLET	(-)	Above Dash Fuse Box

MODEL: OL-HRN-RS-HA7

Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
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				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	WHITE	12 pin	8	WHITE	(-)	Headlight Switch
				Horn	-	36 pin	29	BLUE	(-)	Dash Fuse Box
Honda	Pilot	Push-to-Start Automatic	2016 - 2021	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	WHITE	(-)	Headlight Switch
				Horn	-	36 pin	31	BLUE	(-)	Dash Fuse Box
Honda	Ridgeline	Push-to-Start Automatic	2017 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Above Glove Box
				12V Constant	-	18 pin	11	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	WHITE	(-)	Headlight Switch
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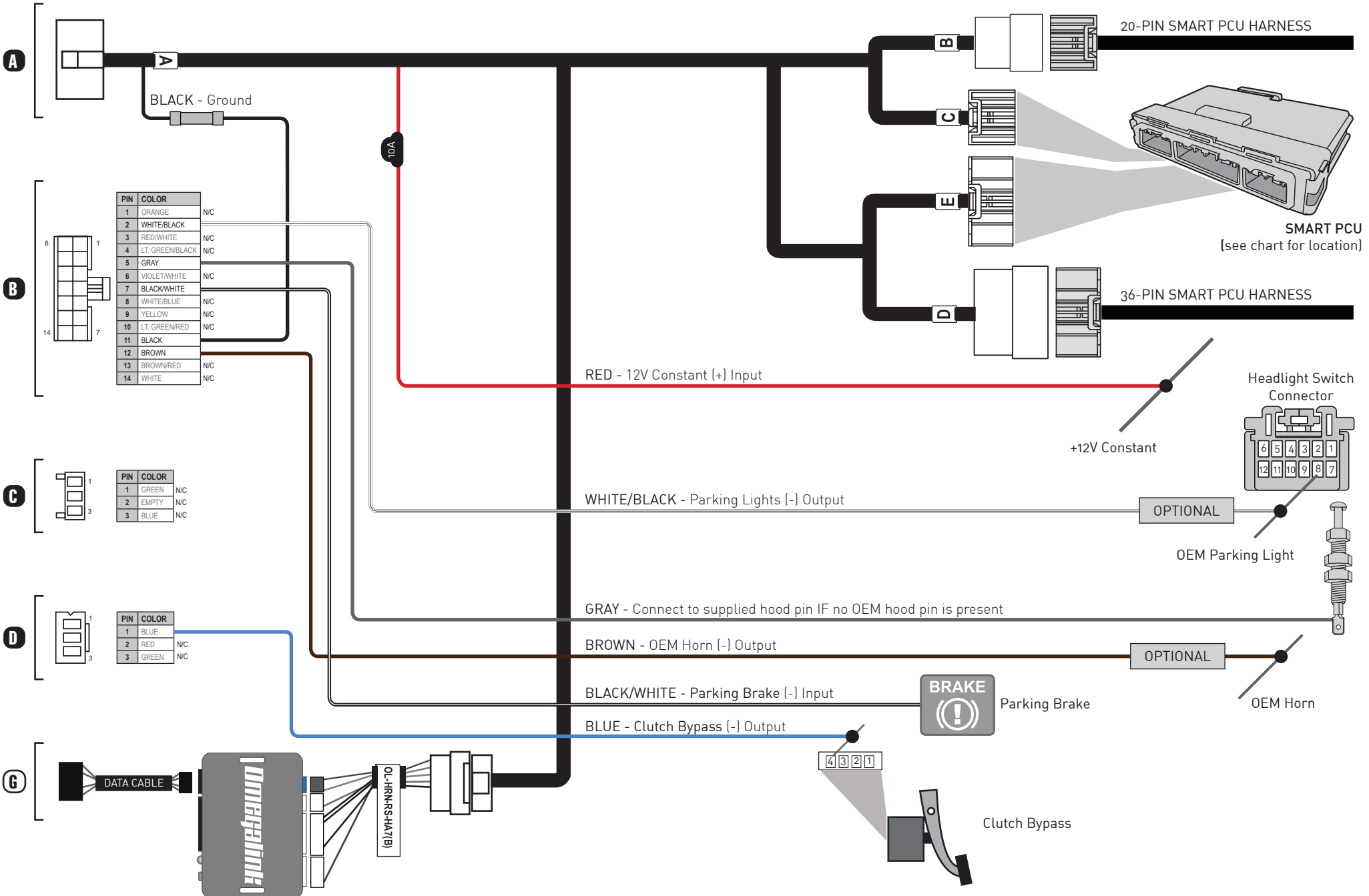
RS-X70 Diagram #1



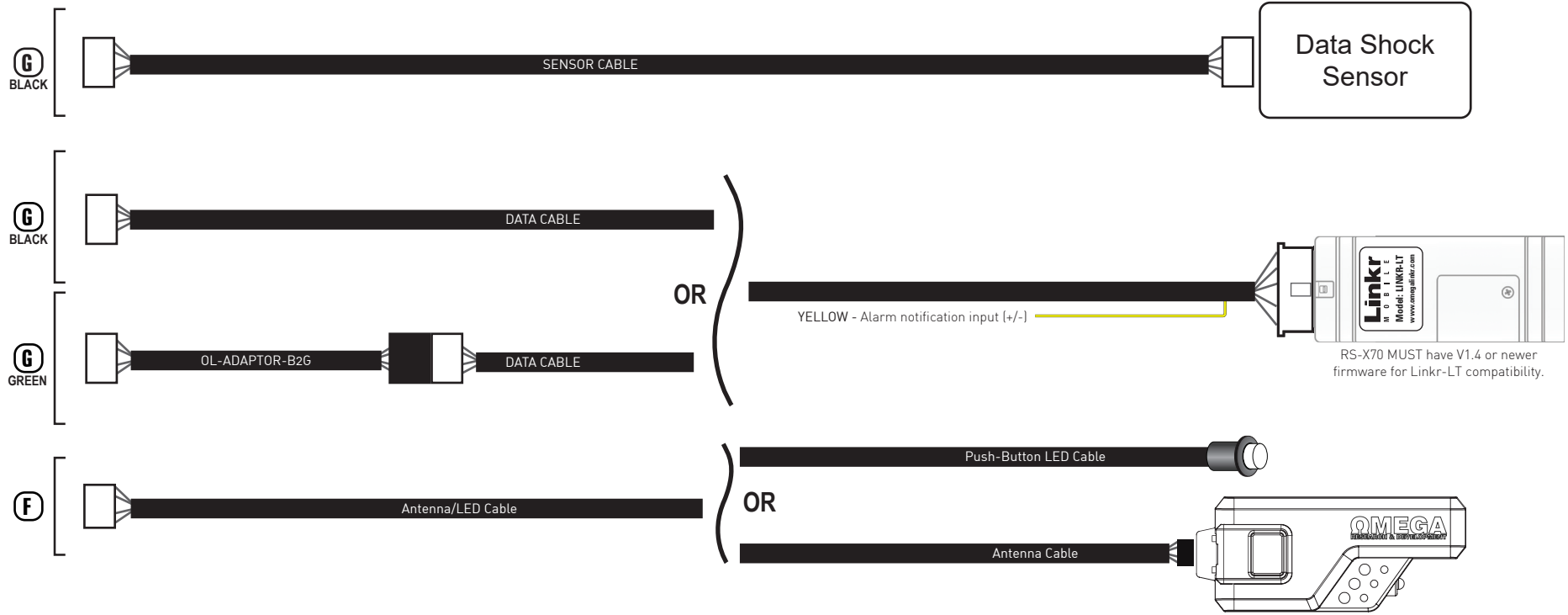
Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Honda	Fit	Push-to-Start Manual	2015 - 2020	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	WHITE	20 pin	-	VIOLET	(-)	Steering Column Harness
				Parking Brake	-	1 pin	1	BLUE	(-)	Parking Brake Pedal/Lever
				Clutch Bypass	BLUE	4 pin	4	LT. GREEN	(-)	Above Clutch Pedal
Honda	HR-V	Push-to-Start Manual	2016 - 2022	Smart PCU	GRAY	20 pin & 36 pin	-	-	-	Behind Cluster
				12V Constant	GREEN	2 pin	1	RED	(+)	Dash Fuse Box
				Parking Lights	BLUE	12 pin	8	GRAY	(-)	Headlight Switch
				Horn	-	20 pin	2	VIOLET	(-)	Steering Column
				Parking Brake	-	-	-	BLUE	(-)	Parking Brake Pedal/Lever
				Clutch Bypass	WHITE	4 pin	4	PINK	(-)	Above Clutch Pedal

RS-X70 Diagram #2

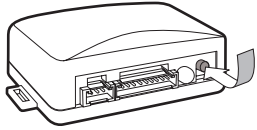


RS-X70 Optional Accessories



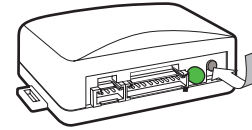
Installation Mode Selection

- 1 Press and release programming button to select installation mode.



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

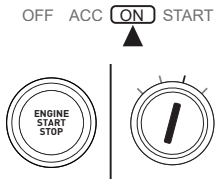
- 2 Press and hold programming button until LED turns solid GREEN to register selection.



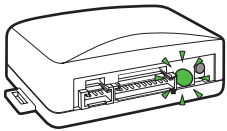
After registration, follow Factory Reset to change installation mode and restart this process.

Module Programming

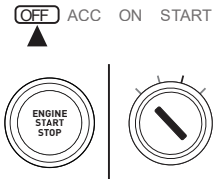
- 1 Turn ignition to ON position.



- 2 Wait, LED will Flash GREEN rapidly.



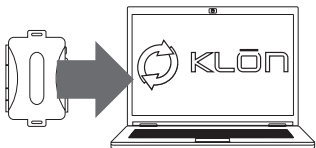
- 3 Turn ignition to OFF position.



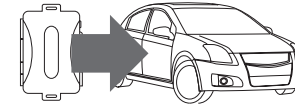
- 4 **WARNING:**
Disconnect power last
Disconnect module from vehicle.



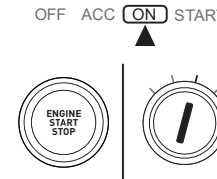
- 5 Connect module to computer and proceed with extended programming.



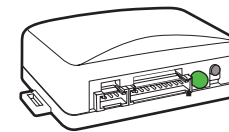
- 6 **WARNING:** Do not press module programming button.
Connect power first.
Connect all other module connectors



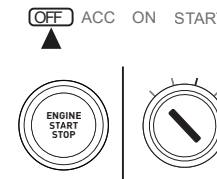
- 7 Turn ignition to ON position.



- 8 Wait, LED will turn solid GREEN for 2 seconds.



- 9 Turn ignition to OFF position.



- 10 Press UNLOCK on the OEM remote.



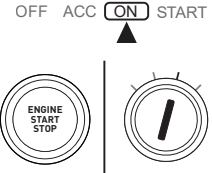
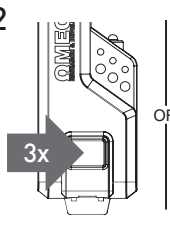
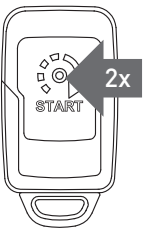
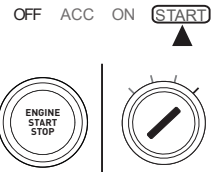
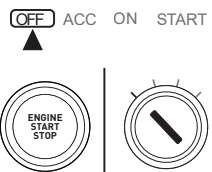
If the vehicle is equipped with power liftgate, open and close the power liftgate with the OEM keyfob


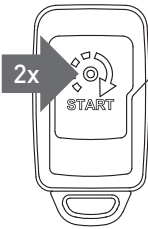
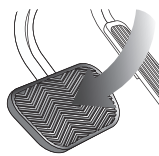
- 11 Proceed to RS-X70 Programming/Vehicle Learn.

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 for interface module diagnostics and troubleshooting.