



MODEL
OL-HRN-RS-CH7

GUIDE ID
CST_CH4_G6_G5_20210419

AVAILABLE ACCESSORIES
OL-HRN-RS-PWR
(Adapt to any brand remote start)

VEHICLE COMPATIBILITY

For G5 installations see pages 4-24
(OL-HRN-RS-PWR-CST not included but required for G5 units)
For G6 installations see pages 25-46

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
Chrysler	200	Push-to-Start Sedan Automatic	2015 - 2017	DL-CH12	3
Chrysler	300	Push-to-Start Sedan 6/8 Cyl. Automatic	2011 - 2017	DL-CH7	1
Chrysler	300	Push-to-Start Sedan 6/8 Cyl. Automatic	2018 - 2018	DL-CH7	2
Chrysler	300	Push-to-Start Sedan 6/8 Cyl. Automatic	2019 - 2020	DL-CH12	4
Chrysler	300	Tip-Start Sedan 8 Cyl. Automatic	2011 - 2011	DL-CH7	1
Chrysler	300 SRT	Push-to-Start Sedan 8 Cyl. Automatic	2011 - 2014	DL-CH7	1
Chrysler	Pacifica	Push-to-Start 6 Cyl. Automatic	2017 - 2017	DL-CH12	3
Chrysler	Pacifica	Push-to-Start 6 Cyl. Automatic	2018 - 2018	DL-CH12	4
Chrysler	Pacifica	Push-to-Start 6 Cyl. Automatic	2019 - 2020	DL-CH12	4
Chrysler	Pacifica	Push-to-Start Hybrid Automatic	2017 - 2017	DL-CH12	3
Chrysler	Pacifica	Push-to-Start Hybrid Automatic	2018 - 2018	DL-CH12	4
Chrysler	Pacifica	Push-to-Start Hybrid Automatic	2019 - 2020	DL-CH12	4
Dodge	Challenger	Push-to-Start Coupe Automatic	2015 - 2017	DL-CH7	1
Dodge	Challenger	Push-to-Start Coupe Automatic	2018 - 2018	DL-CH7	2

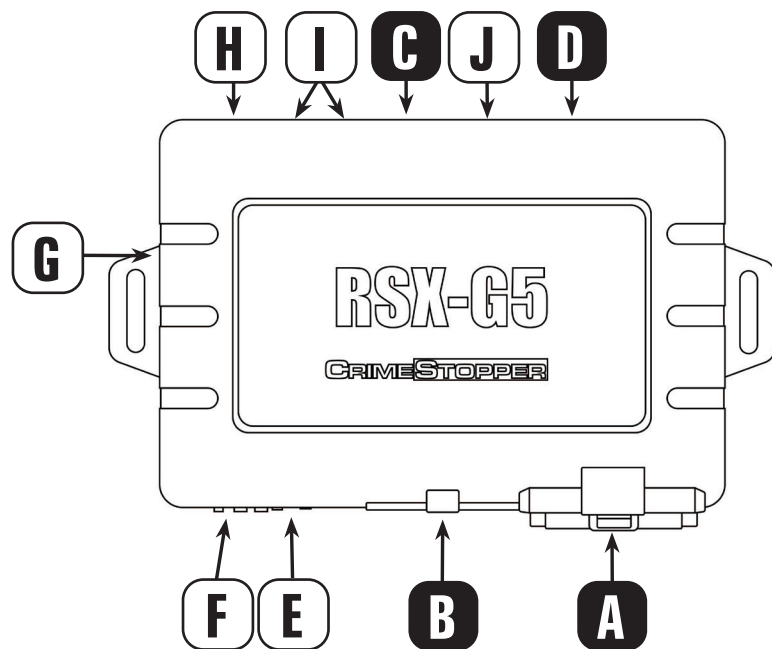
VEHICLE COMPATIBILITY (cont.)

Make	Model	Trim	Years	Firmware	Diagram
Dodge	Challenger	Push-to-Start Coupe Automatic	2019 - 2020	DL-CH12	4
Dodge	Charger	Push-to-Start Sedan 6/8 Cyl. Automatic	2011 - 2017	DL-CH7	1
Dodge	Charger	Push-to-Start Sedan 6/8 Cyl. Automatic	2018 - 2018	DL-CH7	2
Dodge	Charger	Push-to-Start Sedan 6/8 Cyl. Automatic	2019 - 2020	DL-CH7	4
Dodge	Charger SRT	Push-to-Start Sedan 8 Cyl. Automatic	2011 - 2013	DL-CH7	1
Dodge	Durango	Push-to-Start Automatic	2014 - 2017	DL-CH7	1
Dodge	Durango	Push-to-Start Automatic	2018 - 2020	DL-CH7	2
Dodge	Journey	Push-to-Start 4/6 Cyl. Automatic	2011 - 2017	DL-CH7	1
Dodge	Journey	Push-to-Start 4/6 Cyl. Automatic	2018 - 2020	DL-CH7	2
Jeep	Cherokee	Push-to-Start Automatic	2014 - 2018	DL-CH12	3
Jeep	Cherokee	Push-to-Start Automatic	2019 - 2021	DL-CH12	4
Jeep	Cherokee	Tip-Start Automatic	2014 - 2018	DL-CH12	3
Jeep	Cherokee	Tip-Start Automatic	2019 - 2021	DL-CH12	4
Jeep	Compass	Push-to-Start 4 Cyl. Automatic	2017 - 2018	DL-CH12	3
Jeep	Compass	Push-to-Start 4 Cyl. Automatic	2019 - 2019	DL-CH12	4
Jeep	Compass	Push-to-Start 4 Cyl. Automatic	2020 - 2021	DL-CH12	4
Jeep	Gladiator	Push-to-Start Automatic	2020 - 2021	DL-CH12	4
Jeep	Grand Cherokee	Push-to-Start 6/8 Cyl. / Diesel Automatic	2014 - 2017	DL-CH7	1
Jeep	Grand Cherokee	Push-to-Start 6/8 Cyl. / Diesel Automatic	2018 - 2020	DL-CH7	2
Jeep	Grand Cherokee SRT	Push-to-Start 8 Cyl. Automatic	2014 - 2014	DL-CH7	1
Jeep	Wrangler JL	Push-to-Start Automatic	2018 - 2021	DL-CH12	4
Ram	1500	Push-to-Start 6/8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH7	1
Ram	1500	Push-to-Start 6/8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH7	2
Ram	1500	Tip-Start 6/8 Cyl. / Diesel Automatic	2013 - 2018	DL-CH8	1
Ram	1500	Tip-Start 6/8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH8	2
Ram	1500 Classic	Push-to-Start 6/8 Cyl. / Diesel Automatic	2019 - 2020	DL-CH7	2
Ram	2500	Push-to-Start 8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH7	1
Ram	2500	Push-to-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH7	2
Ram	2500	Push-to-Start 8 Cyl. / Diesel Automatic	2019 - 2020	DL-CH12	2
Ram	2500	Tip-Start 8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH8	1

VEHICLE COMPATIBILITY (cont.)

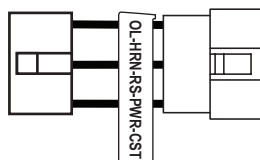
Make	Model	Trim	Years	Firmware	Diagram
Ram	2500	Tip-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH8	2
Ram	3500	Push-to-Start 8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH7	1
Ram	3500	Push-to-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH7	2
Ram	3500	Tip-Start 8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH8	1
Ram	3500	Tip-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH8	2
Ram	3500	Push-to-Start 8 Cyl. / Diesel Automatic	2019 - 2020	DL-CH12	2
Ram	3500 Chassis Cab	Push-to-Start 8 Cyl. / Diesel Automatic	2014 - 2017	DL-CH7	1
Ram	3500 Chassis Cab	Push-to-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH7	2
Ram	3500 Chassis Cab	Push-to-Start 8 Cyl. / Diesel Automatic	2019 - 2020	DL-CH12	2
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. / Diesel Automatic	2013 - 2017	DL-CH8	1
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. / Diesel Automatic	2018 - 2018	DL-CH8	2
SRT	300	Push-to-Start Sedan 8 Cyl. Automatic	2013 - 2014	DL-CH7	1
SRT	Charger	Push-to-Start Sedan 8 Cyl. Automatic	2013 - 2013	DL-CH7	1
SRT	Grand Cherokee	Push-to-Start 8 Cyl. Automatic	2014 - 2014	DL-CH7	1

RSX-G5 Layout



- A** BLACK 6 PIN HIGH CURRENT POWER HARNESS
NOTE: OL-HRN-RS-PWR-CST Adaptor Not Included With T-Harness & Will Be Required
- B** WHITE 12 PIN MAIN INPUT/OUTPUT HARNESS
- C** WHITE 3 PIN DOOR LOCK PORT
- D** RED 3 PIN LOW CURRENT AUX PORT
- E** BLUE 2 PIN PROGRAMMING/VALET PORT
- F** BLACK 3 PIN ANTENNA PORT
- G** SMART PHONE PORT - For LINKR-LT or TELE-CONNECT Smart Phone Interface modules
- H** NOT USED
- I** BLACK DATA PORTS - For Vehicle Interface Module.
(Fortin & iDatalink protocols supported on both ports - see feature #5)
- J** WHITE 2 PIN LED PORT

OL-HRN-RS-PWR-CST Required



The OL-HRN-RS-PWR-CST re-configures the 6-pin (A) High Current Outputs to be compatible with the Excalibur T-Harness. This adaptor is required for proper operation. In some instances features #4 & #26 will need set to options other than default. In those situations there will be a note indicated the needed settings.

RSX-G5 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"
NOTE: For Manual Transmission vehicles Feature #11 MUST be set to the desired setting for proper operation.
- 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) 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
Chrysler	300	Push-to-Start Sedan Automatic Tip-Start Sedan Automatic (2011)	2011 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Chrysler	300 SRT	Push-to-Start Sedan Automatic	2011 - 2014	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Challenger	Push-to-Start Coupe Automatic	2015 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger	Push-to-Start Sedan Automatic	2011 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger SRT	Push-to-Start Sedan Automatic	2011 - 2013	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Durango	Push-to-Start Automatic	2014 - 2017	Ignition	Gray	10	2	RED/GREEN	(+)	Driver Side Kick Panel
				Parking Lights	Black	6	3	WHITE/GREEN or WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Journey	Push-to-Start Automatic	2017 - 2017	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box

Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Journey	Push-to-Start Automatic	2011 - 2016	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Gray	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Jeep	Grand Cherokee	Push-to-Start Automatic	2014 - 2017	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Jeep	Grand Cherokee SRT	Push-to-Start Automatic	2014 - 2014	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Ram	1500/2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500/2500	Tip-Start Automatic Tip-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Tip-Start Automatic Tip-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash

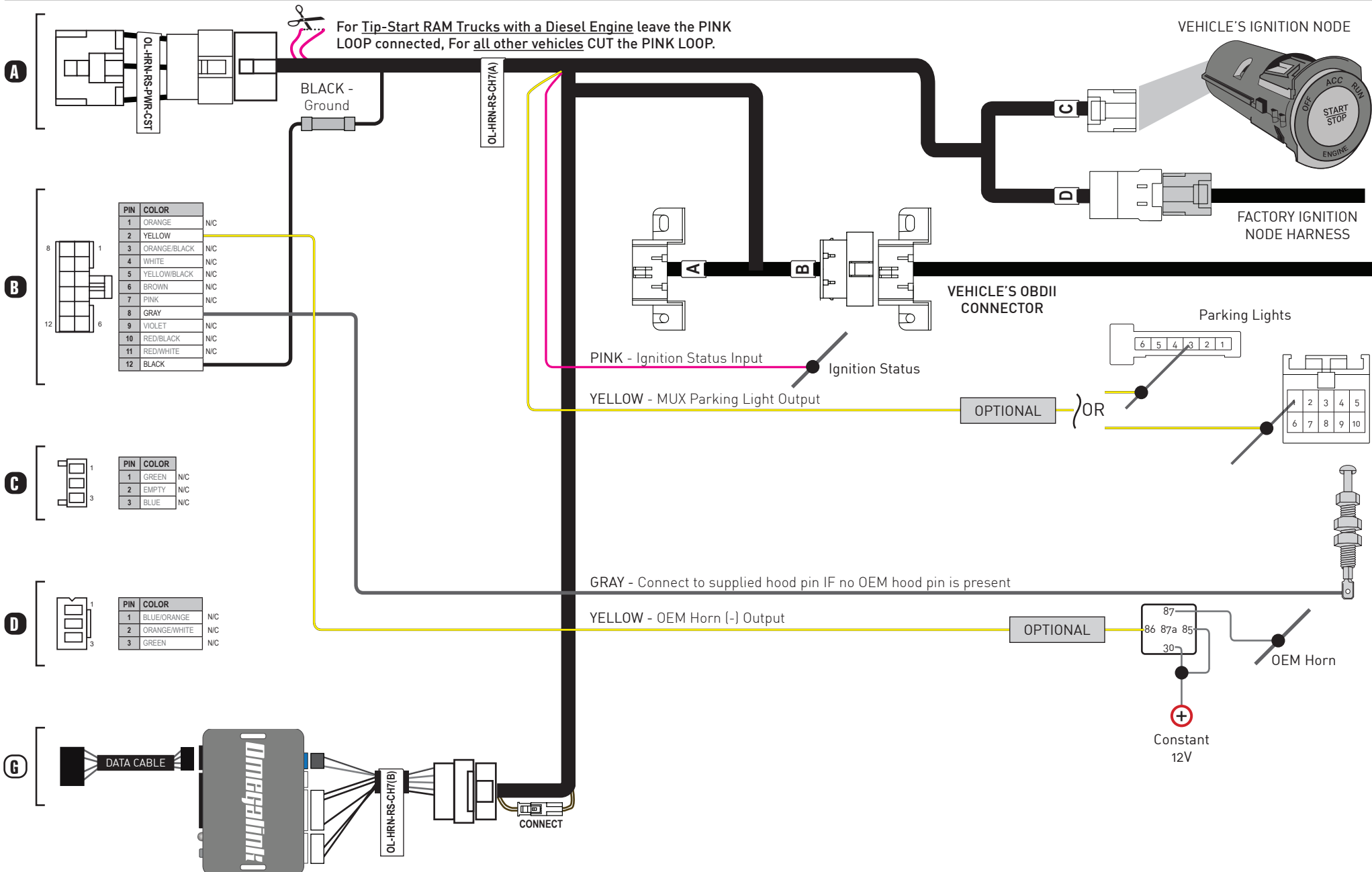
Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
SRT	300	Push-to-Start Sedan Automatic	2013 - 2014	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
SRT	Charger	Push-to-Start Sedan Automatic	2013 - 2013	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
SRT	Grand Cherokee	Push-to-Start Automatic	2014 - 2014	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box

MODEL: OL-HRN-RS-CH7

GUIDE ID: CST_CH7_G6_G5_20210419

RSX-G5 Diagram #1



Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Push-to-Start Sedan Automatic	2018 - 2018	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	BROWN	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Challenger	Push-to-Start Coupe Automatic	2018 - 2018	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	GRAY/WHITE	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger	Push-to-Start Sedan Automatic	2018 - 2018	Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	GRAY/WHITE	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Durango	Push-to-Start Automatic	2018 - 2020	12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Gray	10	2	RED/GREEN	(+)	Driver Side Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block , Left Side Driver Dash
				Parking Lights	Black	6	3	WHITE/GREEN or WHITE/BROWN	MUX	Headlight Switch
Dodge	Journey	Push-to-Start Automatic	2018 - 2020	Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27	PINK/WHITE	(+)	BCM above Passenger Kick Panel or Can be Found in Driver Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block , Left Side Driver Dash
Dodge	Journey	Push-to-Start Automatic	2018 - 2020	Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27	PINK/WHITE	(+)	BCM above Passenger Kick Panel or Can be Found in Driver Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash

Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Grand Cherokee	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block Left of Driver Side Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block Left of Driver Side Dash
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Ram	1500/2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500/2500	Tip-Start Automatic Tip-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500 Classic	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	10	10	PINK/GREEN	(+)	Trailer Module, Right of Steering Column
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Behind Headlight Switch
				CAN Low Data	White	3	2	WHITE/LT BLUE	DATA	CAN-C Junction Block Behind Headlight Switch
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	2	VIOLET/RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/BLUE	(-)	BCM Under Driver Side Dash

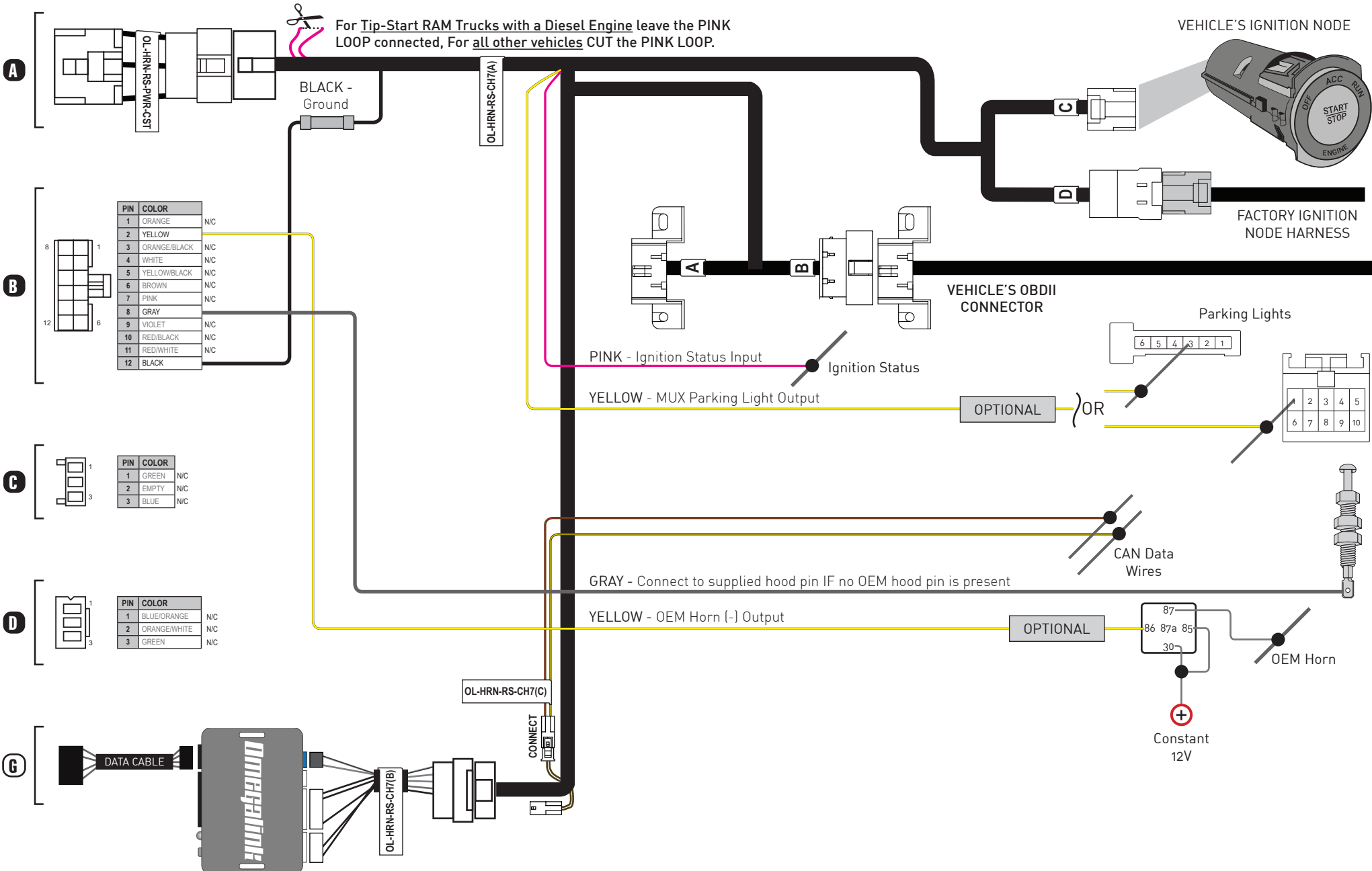
Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Tip-Start Automatic Tip-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	10	10	PINK/GREEN	(+)	Trailer Module, Right of Steering Column
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Behind Headlight Switch
				CAN Low Data	White	3	2	WHITE/LT BLUE	DATA	CAN-C Junction Block Behind Headlight Switch
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	2	VIOLET/RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/BLUE	(-)	BCM Under Driver Side Dash

MODEL: OL-HRN-RS-CH7

GUIDE ID: CST_CH7_G6_G5_20210419

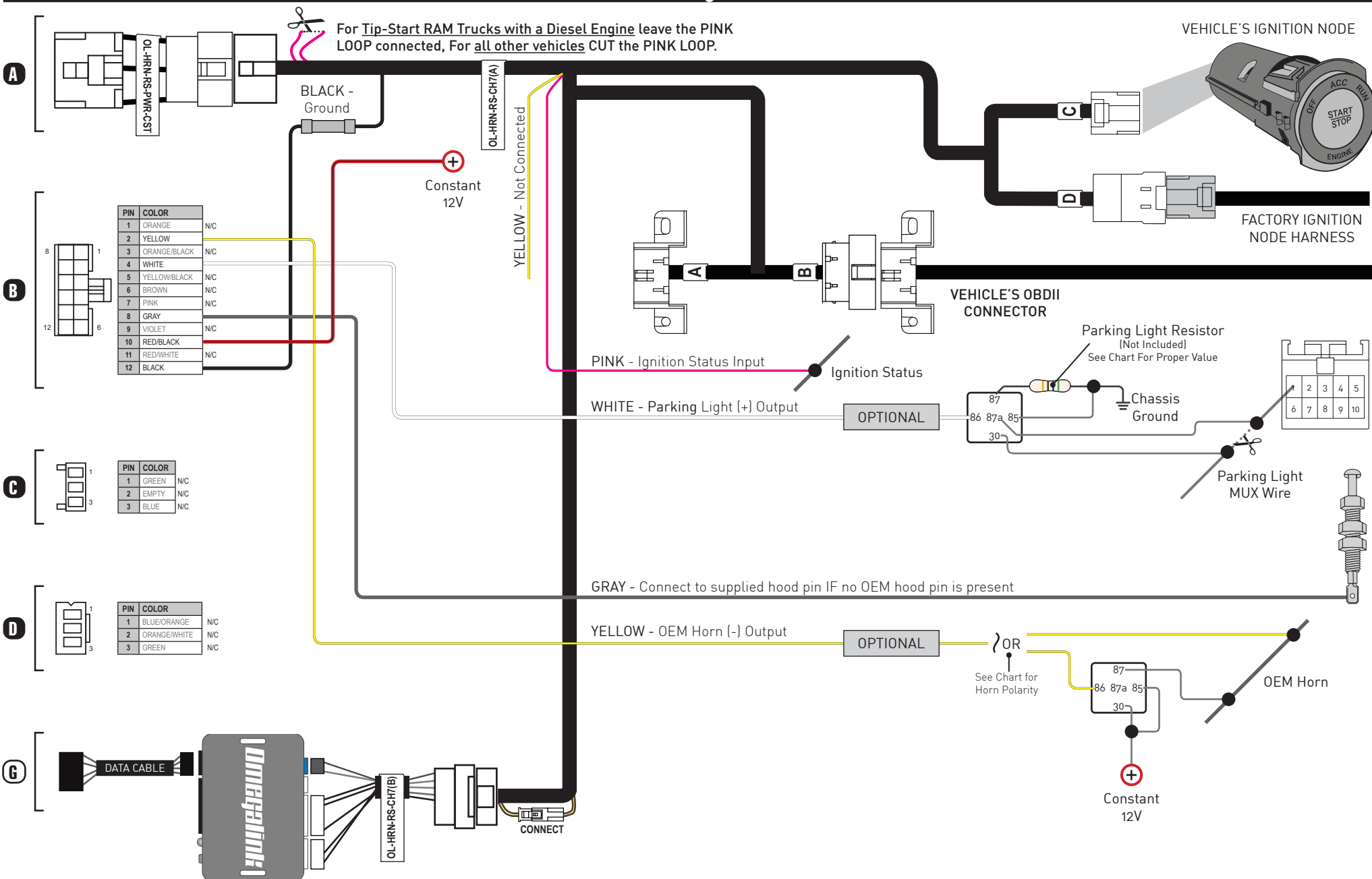
RSX-G5 Diagram #2



Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	200	Push-to-Start Sedan Automatic	2015 - 2017	Ignition	Black	59	19	PINK/LT.GREEN	(+)	Junction Connector, Driver Kick Panel Above Fuse Box
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(330 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	Red	(+)	BCM Dash Fuse Box
Chrysler	Pacifica	Push-to-Start Automatic	2017 - 2017	Ignition	Black	59	37	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	Red	(+)	BCM Above Driver Kick
Jeep	Cherokee	Tip-Start Automatic	2014 - 2018	Ignition	Gray	13	8	PINK	(+)	Trailer Pack Connector, Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED or RED/LT. GREEN	(+)	BCM Dash Fuse Box
Jeep	Cherokee	Push-to-Start Automatic	2014 - 2018	Ignition	Gray	13	8	PINK	(+)	Trailer Pack Connector, Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED or RED/LT. GREEN	(+)	BCM Dash Fuse Box
Jeep	Compass	Push-to-Start Automatic	2017 - 2018	Ignition	Black	10	1	ORANGE/WHITE	(+)	Power Steering Module Under Steering Wheel
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	60	26	DK.GREEN/WHITE	(-)	BCM Dash Fuse Box

RSX-G5 Diagram #3



Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Push-to-Start Sedan Automatic	2019 - 2019	Ignition	Black	48	27	PINK/WHITE	(+)	BCM above passenger kick panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/LT. BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Chrysler	Pacifica	Push-to-Start Automatic	2018 - 2018	Ignition	Black	59	37	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN High Data	Black	59	57	TAN/WHITE	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN Low Data	Black	59	58	YELLOW	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	RED	(+)	BCM Above Driver Kick
Chrysler	Pacifica	Push-to-Start Automatic	2019 - 2020	Ignition	Black	59	39	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN High Data	Black	59	17	TAN/WHITE	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN Low Data	Black	59	18	YELLOW	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	RED	(+)	BCM Above Driver Kick
Dodge	Challenger	Push-to-Start Coupe Automatic	2019 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	(1500 Ohm) Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Dodge	Charger	Push-to-Start Sedan Automatic	2019 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	(1500 Ohm) Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Jeep	Cherokee	Push-to-Start Automatic	2019 - 2021	Ignition	Black	60	3	BROWN	(+)	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN High Data	Black	60	38	TAN/PINK	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN Low Data		60	37	YELLOW	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED/GREEN	(+)	BCM Dash Fuse Box

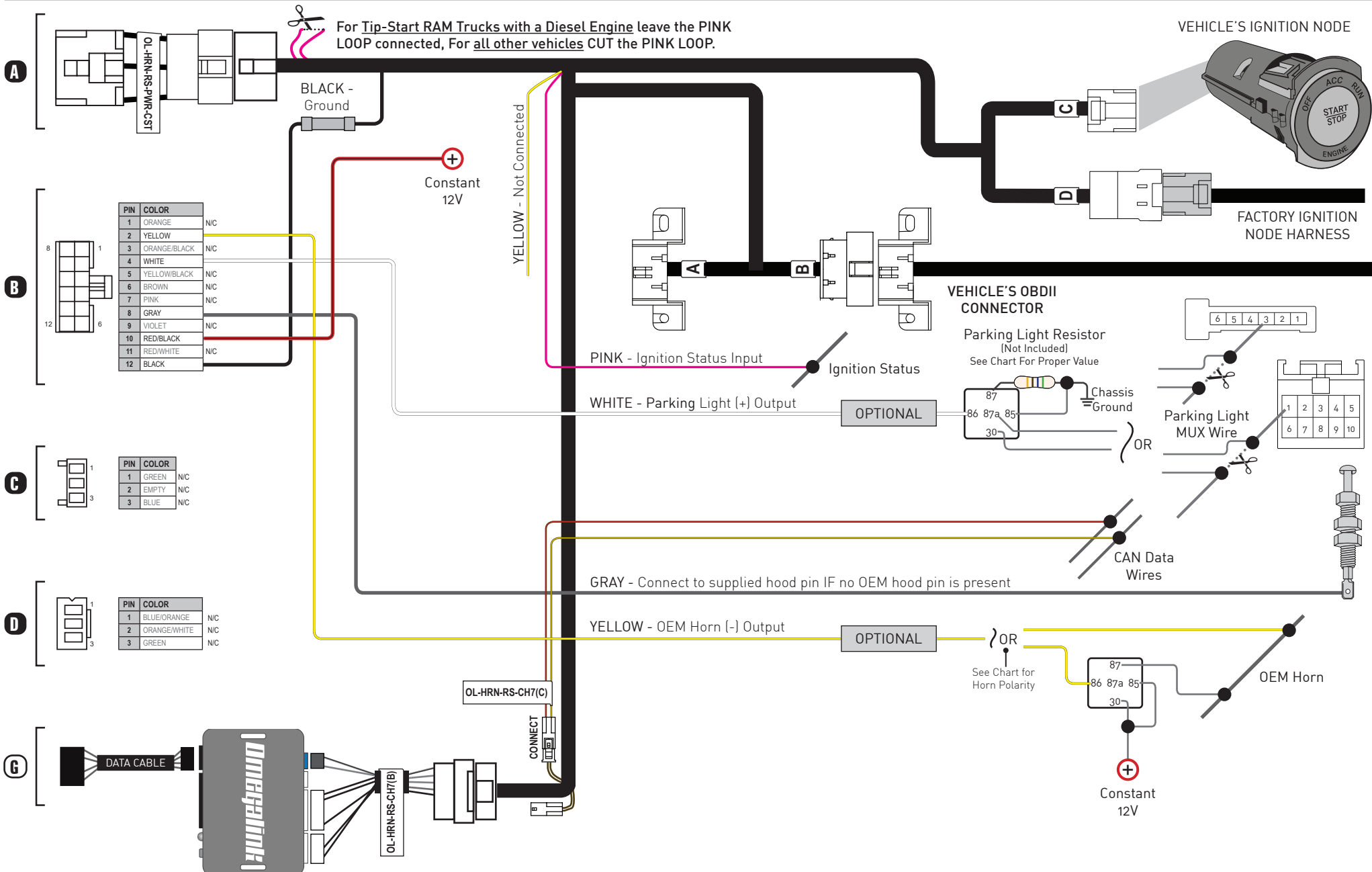
Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Cherokee	Tip-Start Automatic	2019 - 2021	Ignition	Black	60	3	BROWN	(+)	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN High Data	Black	60	38	TAN/PINK	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN Low Data		60	37	YELLOW	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED/GREEN	(+)	BCM Dash Fuse Box
Jeep	Gladiator	Push-to-Start Automatic	2020 - 2021	Ignition	Black	12	7	PINK/GREEN	(+)	Security Gateway Module Behind Driver Dash Speaker
				CAN High Data	Green	3	1	TAN/WHITE	DATA	GREEN CAN Junction Block Behind Glovebox
				CAN Low Data	White	3	2	YELLOW	DATA	GREEN CAN Junction Block Behind Glovebox
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(1150 Ohm) At Headlight Switch
				Horn	Gray	34	10	DK.GREEN/VIOLET	(-)	Driver Side Kick Panel
Jeep	Wrangler JL	Push-to-Start Automatic	2018 - 2021	Ignition	Black	12	7	PINK/GREEN	(+)	Security Gateway Module Behind Driver Dash Speaker
				CAN High Data	Green	3	1	TAN/WHITE	DATA	GREEN CAN Junction Block Behind Glovebox
				CAN Low Data	Green	3	2	YELLOW	DATA	GREEN CAN Junction Block Behind Glovebox
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(1150 Ohm) Headlight Switch
				Horn	Gray	34	10	DK.GREEN/VIOLET	(-)	Driver Side Kick Panel

MODEL: OL-HRN-RS-CH7

GUIDE ID: CST_CH7_G6_G5_20210419

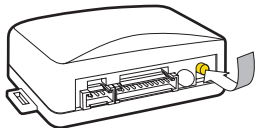
RSX-G5 Diagram #4

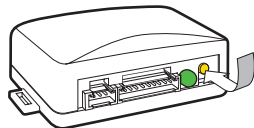


RSX-G5 Optional Accessories



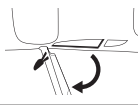
Installation Mode Selection

- 1  Press and release programming button to select installation mode.
-  LED flashes (1x) once = Data Mode (Recommended)
LED flashes (2x) twice = Hardwire Mode

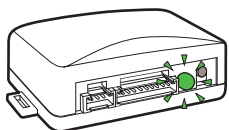
- 2  Press and hold programming button until LED turns solid GREEN to register selection.

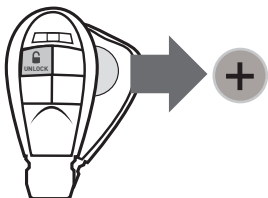
! After registration, follow Factory Reset to change installation mode and restart this process.

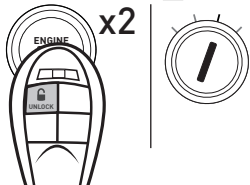
Module Programming for DL-CH7 & DL-CH8 Vehicles

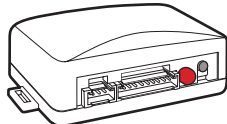
- 1  Close driver door.
-  Re-open driver door to wake up data bus

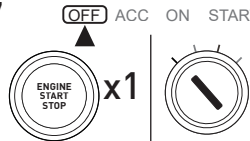
- 2  Press UNLOCK on keyfob 1.

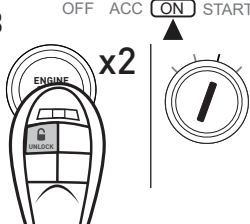
- 3  Wait, the LED will flash GREEN one time (1x).

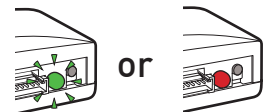
- 4  **DL-CH7 ONLY:**
Remove valet key and batteries from keyfob 1.

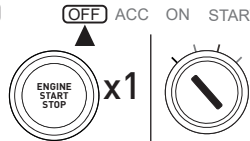
- 5  **DL-CH7:**
Push start button two times (2x) with keyfob 1. Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.

- 6  Wait, the LED will turn solid RED.

- 7  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.

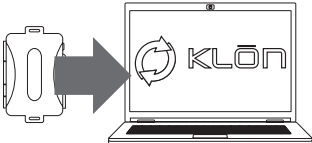
- 8  **DL-CH7:**
Push start button two times (2x) with keyfob 1. Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.

- 9  Wait, if the LED flashes GREEN rapidly, proceed to step 10. If LED turns solid RED, repeat steps 7 to 9.

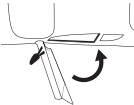
- 10  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.

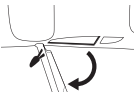
Module Programming for DL-CH7 & DL-CH8 Vehicles (cont.)

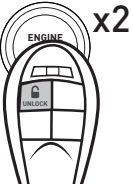
11  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.

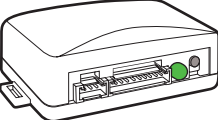
12  Connect remote start to computer and proceed with extended programming.

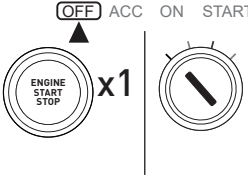
13  **WARNING:** Do not press Blade programming button.
Connect power first.
Connect all other remote start connectors

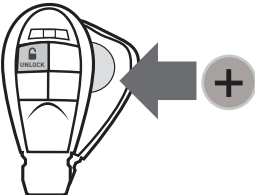
14  Close driver door.

 Re-open driver door to wake up data bus

15  **DL-CH7:**
Push start button two times (2x) with keyfob 1.
Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.

16  Wait, the LED will turn solid GREEN for 2 seconds.

17  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.

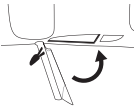
18  **DL-CH7 ONLY:**
Insert batteries and valet key back into keyfob 1.

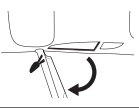
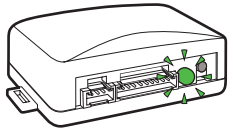
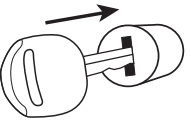
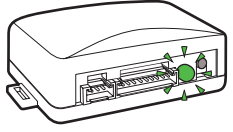
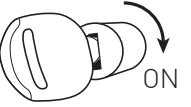
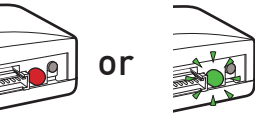
19  **DL-CH8 ONLY:**
Turn the key to the START position.

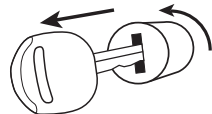
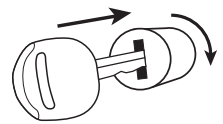
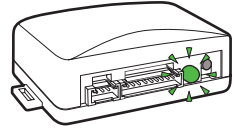
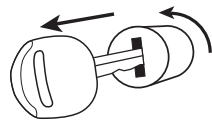
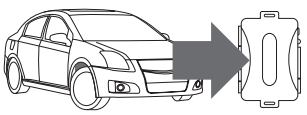
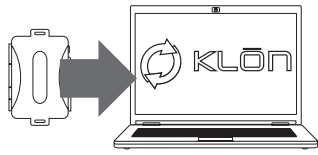
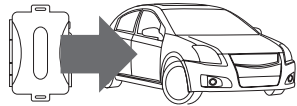
20  **DL-CH8 ONLY:**
Turn the switch to the OFF position and remove the key.

21 Programming complete. Verify all Remote Start settings and test.

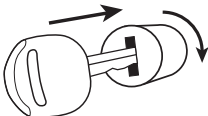
Module Programming for DL-CH12 Tip-Start Vehicles

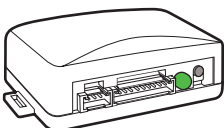
- 1  Close driver door.

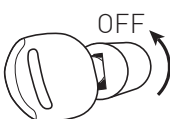
 Re-open driver door to wake up data bus
- 2  Press UNLOCK on the OEM keyfob.
(If the vehicle is not equipped with an OEM keyfob press the module programming button)
- 3  Wait, the LED will flash GREEN one time (1x). If the LED does not flash GREEN repeat step 2.
- 4  Insert the key into ignition.
- 5  Wait, the LED will flash GREEN twice (2x).
- 6  Turn the key to ON position.
- 7  Wait, the LED will turn solid RED. If the LED flashes GREEN rapidly proceed to step 12.

- 8  Turn the the key to the OFF position and remove key.
- 9  Repeat steps 4 thru 8 eight times (8x).
- 10  Insert the key into the ignition and turn it to the ON Position.
- 11  Wait, the LED will flash GREEN rapidly.
- 12  Turn the the key to the OFF position and remove key.
- 13  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.
- 14  Connect remote start to computer and proceed with extended programming.
- 15  **WARNING:** Do not press Blade programming button.
Connect power first.
Connect all other remote start connectors

Module Programming for DL-CH12 Tip-Start Vehicles (cont.)

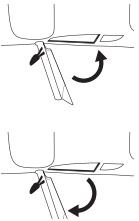
- 16  Insert the key into the ignition and turn it to the ON Position.

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

- 18  Turn key to OFF position.

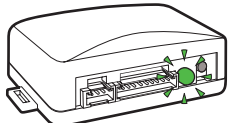
- 19 Programming complete. Verify all Remote Start settings and test

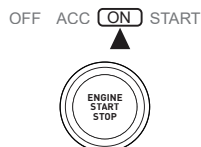
Module Programming for DL-CH12 PTS Vehicles

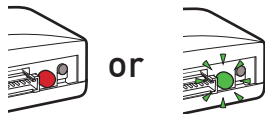
- 1  Close driver door.

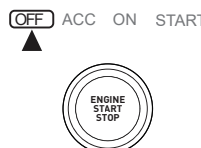
Re-open driver door to wake up data bus

- 2  Press UNLOCK on the OEM keyfob.
(If the vehicle is not equipped with an OEM keyfob press the module programming button)

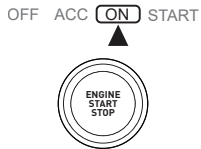
- 3  Wait, the LED will flash GREEN one time (1x).
If the LED does not flash GREEN repeat step 2.

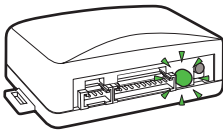
- 4  Turn the ignition to the ON position.

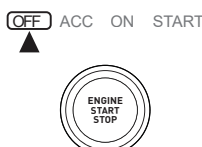
- 5  Wait, the LED will turn solid RED. If the LED flashes GREEN rapidly proceed to step 10.

- 6  Turn the ignition to the OFF position.

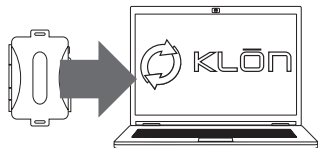
- 7  Repeat steps 4 thru 6 eight times (8x).

- 8  Turn the ignition to the ON position.

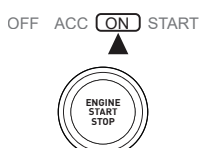
- 9  Wait, the LED will flash GREEN rapidly.

- 10  Turn the ignition to the OFF position.

- 11  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.

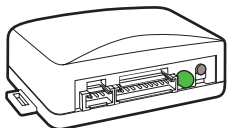
- 12  Connect remote start to computer and proceed with extended programming.

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

- 14  Turn the ignition to the ON position.

Module Programming for DL-CH12 PTS Vehicles (cont.)

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

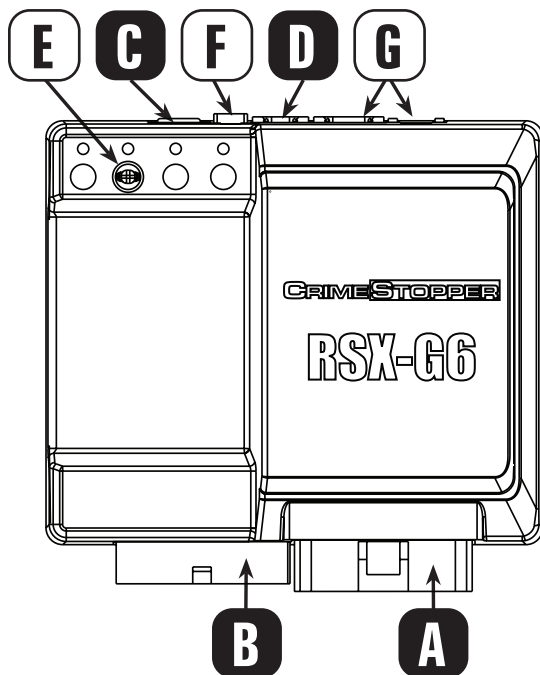


- 16 Turn the ignition to the OFF position.



- 17 Programming complete. Verify all Remote Start settings and test.

RSX-G6 Layout



- A** WHITE 6 PIN HIGH CURRENT POWER HARNESS (P/N: H-RS6F*)
- B** WHITE 14 PIN MAIN INPUT/OUTPUT HARNESS (P/N: H-RS14F)
- C** RED 3 PIN DOOR LOCK/UNLOCK HARNESS (P/N: DLP-N3)
- D** RED 3 PIN REMOTE START HARNESS (P/N: H-RS3A)
- 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)

RSX-G6 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
Chrysler	300	Push-to-Start Sedan Automatic Tip-Start Sedan Automatic (2011)	2011 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Chrysler	300 SRT	Push-to-Start Sedan Automatic	2011 - 2014	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Challenger	Push-to-Start Coupe Automatic	2015 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger	Push-to-Start Sedan Automatic	2011 - 2017	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger SRT	Push-to-Start Sedan Automatic	2011 - 2013	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Durango	Push-to-Start Automatic	2014 - 2017	Ignition	Gray	10	2	RED/GREEN	(+)	Driver Side Kick Panel
				Parking Lights	Black	6	3	WHITE/GREEN or WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Journey	Push-to-Start Automatic	2017 - 2017	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box

Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Journey	Push-to-Start Automatic	2011 - 2016	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Gray	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Jeep	Grand Cherokee	Push-to-Start Automatic	2014 - 2017	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Jeep	Grand Cherokee SRT	Push-to-Start Automatic	2014 - 2014	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Ram	1500/2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500/2500	Tip-Start Automatic Tip-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Tip-Start Automatic Tip-Start Diesel Automatic	2013 - 2017	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash

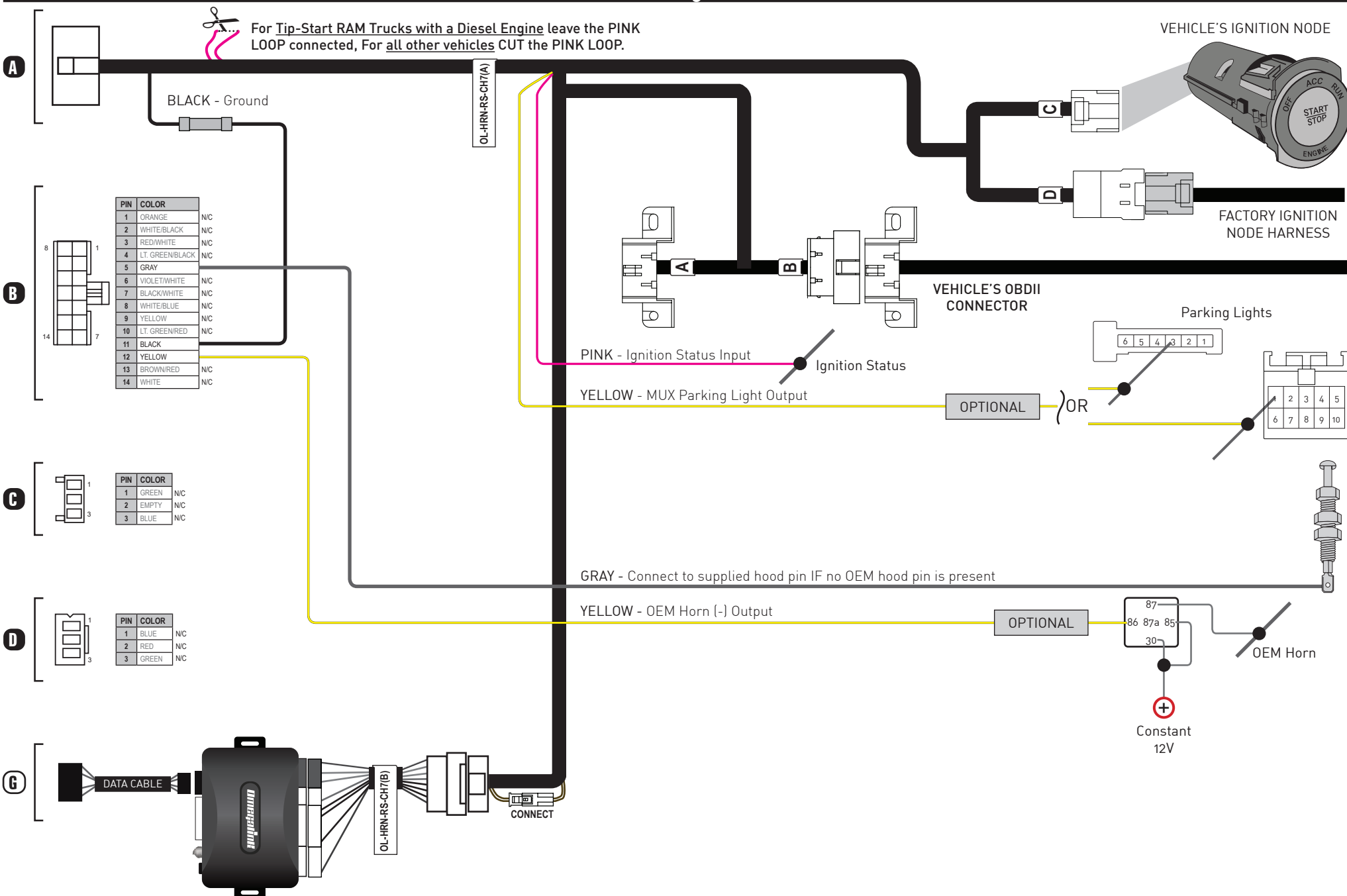
Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
SRT	300	Push-to-Start Sedan Automatic	2013 - 2014	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/BLACK	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
SRT	Charger	Push-to-Start Sedan Automatic	2013 - 2013	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
SRT	Grand Cherokee	Push-to-Start Automatic	2014 - 2014	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box

MODEL: OL-HRN-RS-CH7

GUIDE ID: CST_CH7_G6_G5_20210419

RSX-G6 Diagram #1



Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Push-to-Start Sedan Automatic	2018 - 2018	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	BROWN	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Challenger	Push-to-Start Coupe Automatic	2018 - 2018	Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	GRAY/WHITE	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Charger	Push-to-Start Sedan Automatic	2018 - 2018	Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27 or 31	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	Black	48	25	GRAY/WHITE	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN Low Data	Black	48	26	YELLOW	DATA	BCM Above Passenger Kick Panel, Access Through Glove Box
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
Dodge	Durango	Push-to-Start Automatic	2018 - 2020	12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Gray	10	2	RED/GREEN	(+)	Driver Side Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block , Left Side Driver Dash
				Parking Lights	Black	6	3	WHITE/GREEN or WHITE/BROWN	MUX	Headlight Switch
Dodge	Journey	Push-to-Start Automatic	2018 - 2020	Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27	PINK/WHITE	(+)	BCM above Passenger Kick Panel or Can be Found in Driver Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block , Left Side Driver Dash
Dodge	Journey	Push-to-Start Automatic	2018 - 2020	Parking Lights	Black	6	3	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED/YELLOW	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Ignition	Black	48	27	PINK/WHITE	(+)	BCM above Passenger Kick Panel or Can be Found in Driver Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block , Left Side Driver Dash

Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Grand Cherokee	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN Junction Block Left of Driver Side Dash
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN Junction Block Left of Driver Side Dash
				Parking Lights	Black	10	1	WHITE/GREEN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				12V Constant	Black	4	3	RED	(+)	BCM Above Passenger Kick Panel, Access Through Glove Box
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Above Passenger Kick Panel, Access Through Glove Box
Ram	1500/2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500/2500	Tip-Start Automatic Tip-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	1500 Classic	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	2500	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	10	10	PINK/GREEN	(+)	Trailer Module, Right of Steering Column
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Behind Headlight Switch
				CAN Low Data	White	3	2	WHITE/LT BLUE	DATA	CAN-C Junction Block Behind Headlight Switch
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	2	VIOLET/RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/BLUE	(-)	BCM Under Driver Side Dash

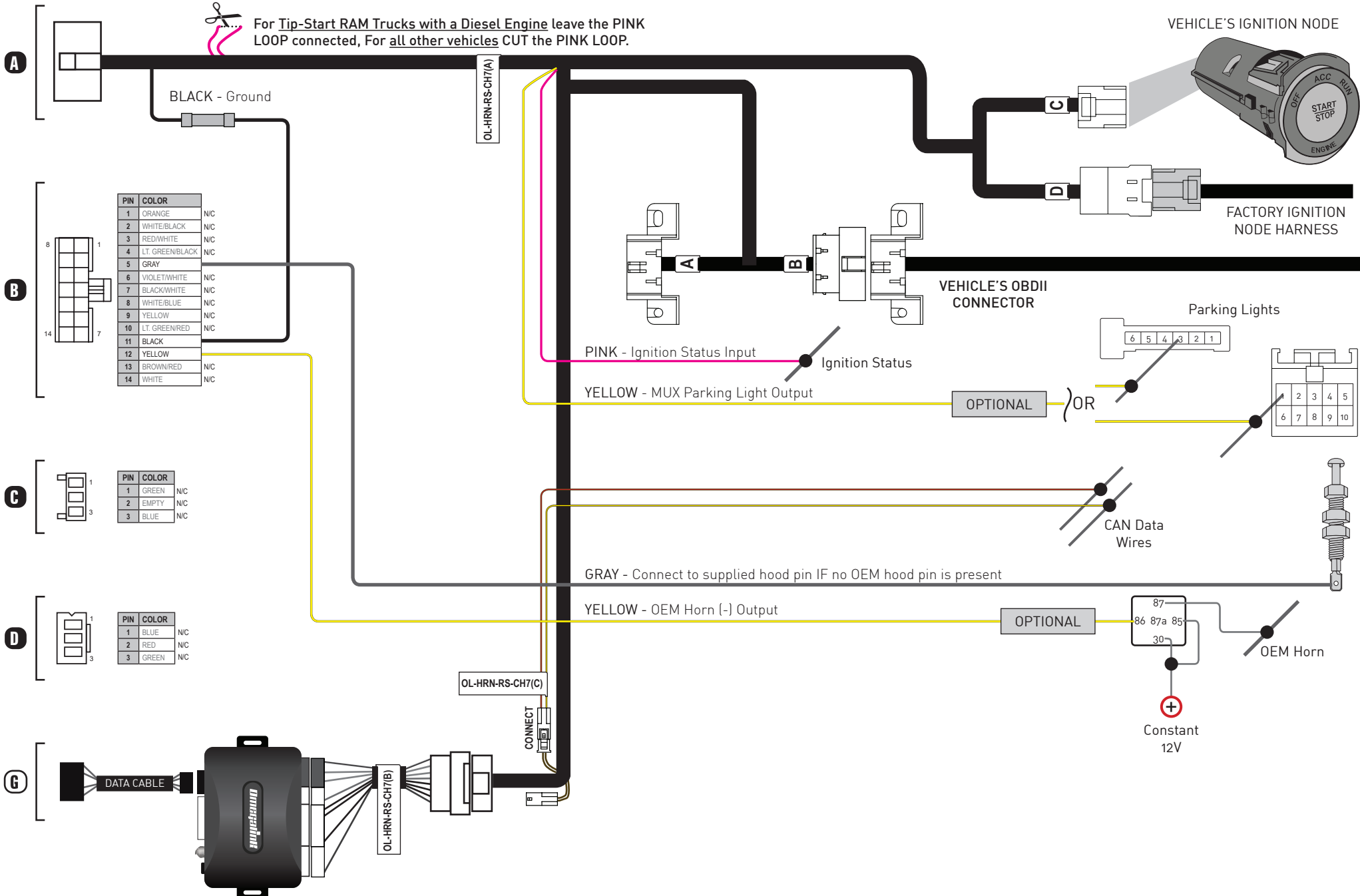
Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Tip-Start Automatic Tip-Start Diesel Automatic	2018 - 2018	Ignition	Gray	4 or 10	2 or 10	PINK/GREEN	(+)	Trailer Pack Connector, Right of Steering Column
				CAN High Data	Gray	10	2	ORANGE	DATA	Trailer Module, Right of Steering Column
				CAN Low Data	Gray	10	1	YELLOW	DATA	Trailer Module, Right of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	3	RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/LT.BLUE	(-)	BCM Under Driver Side Dash
Ram	3500/3500 Chassis Cab	Push-to-Start Automatic Push-to-Start Diesel Automatic	2019 - 2020	Ignition	Gray	10	10	PINK/GREEN	(+)	Trailer Module, Right of Steering Column
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Behind Headlight Switch
				CAN Low Data	White	3	2	WHITE/LT BLUE	DATA	CAN-C Junction Block Behind Headlight Switch
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Under Driver Side Dash
				12V Constant	Black	4	2	VIOLET/RED	(+)	BCM Under Driver Side Dash
				Hood Status	Black	24	11	VIOLET/BLUE	(-)	BCM Under Driver Side Dash

MODEL: OL-HRN-RS-CH7

GUIDE ID: CST_CH7_G6_G5_20210419

RSX-G6 Diagram #2

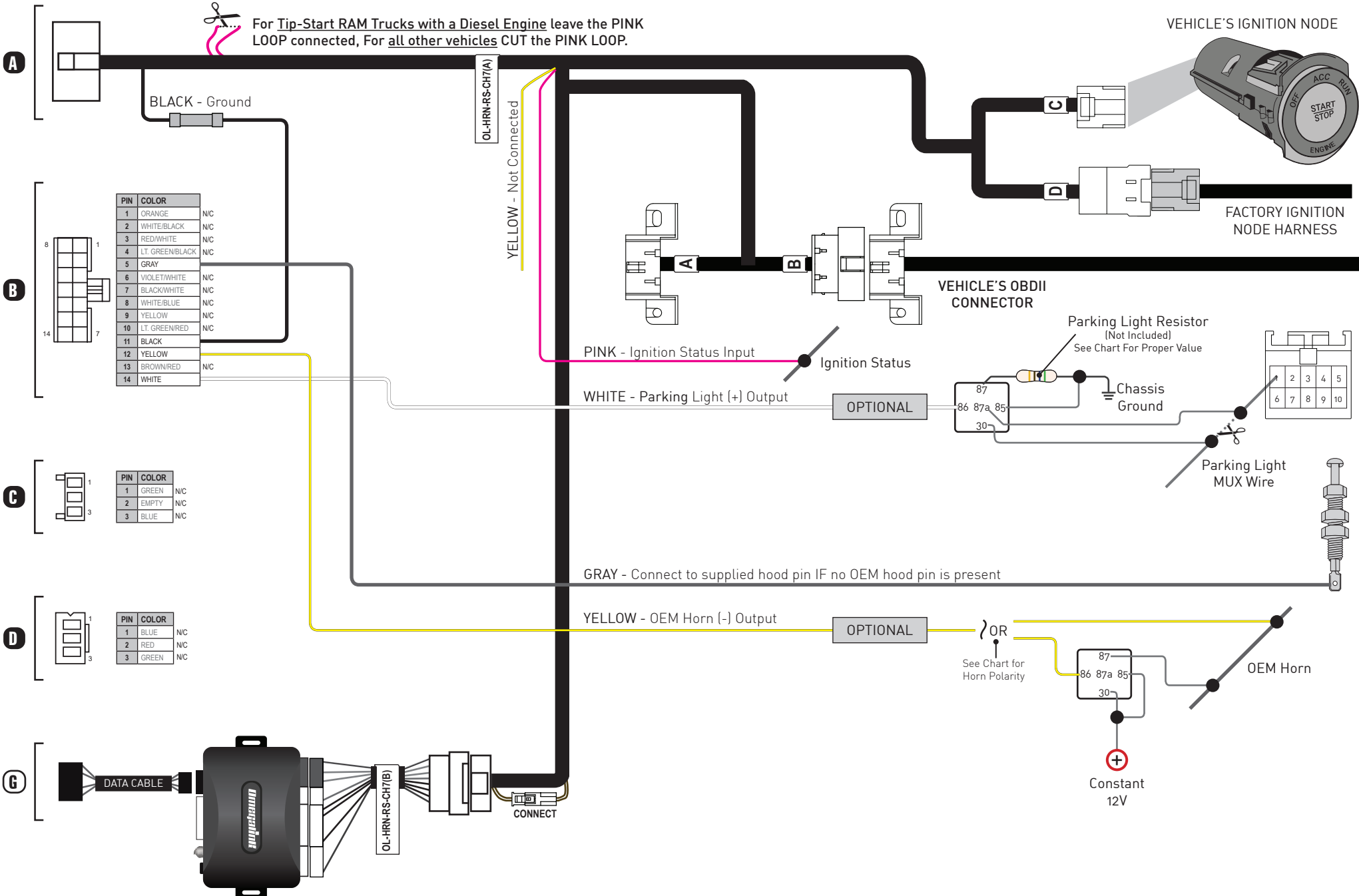


Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	200	Push-to-Start Sedan Automatic	2015 - 2017	Ignition	Black	59	19	PINK/LT.GREEN	(+)	Junction Connector, Driver Kick Panel Above Fuse Box
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(330 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	Red	(+)	BCM Dash Fuse Box
Chrysler	Pacifica	Push-to-Start Automatic	2017 - 2017	Ignition	Black	59	37	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	Red	(+)	BCM Above Driver Kick
Jeep	Cherokee	Tip-Start Automatic	2014 - 2018	Ignition	Gray	13	8	PINK	(+)	Trailer Pack Connector, Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED or RED/LT. GREEN	(+)	BCM Dash Fuse Box
Jeep	Cherokee	Push-to-Start Automatic	2014 - 2018	Ignition	Gray	13	8	PINK	(+)	Trailer Pack Connector, Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED or RED/LT. GREEN	(+)	BCM Dash Fuse Box
Jeep	Compass	Push-to-Start Automatic	2017 - 2018	Ignition	Black	10	1	ORANGE/WHITE	(+)	Power Steering Module Under Steering Wheel
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	60	26	DK.GREEN/WHITE	(-)	BCM Dash Fuse Box

MODEL: OL-HRN-RS-CH7

RSX-G6 Diagram #3



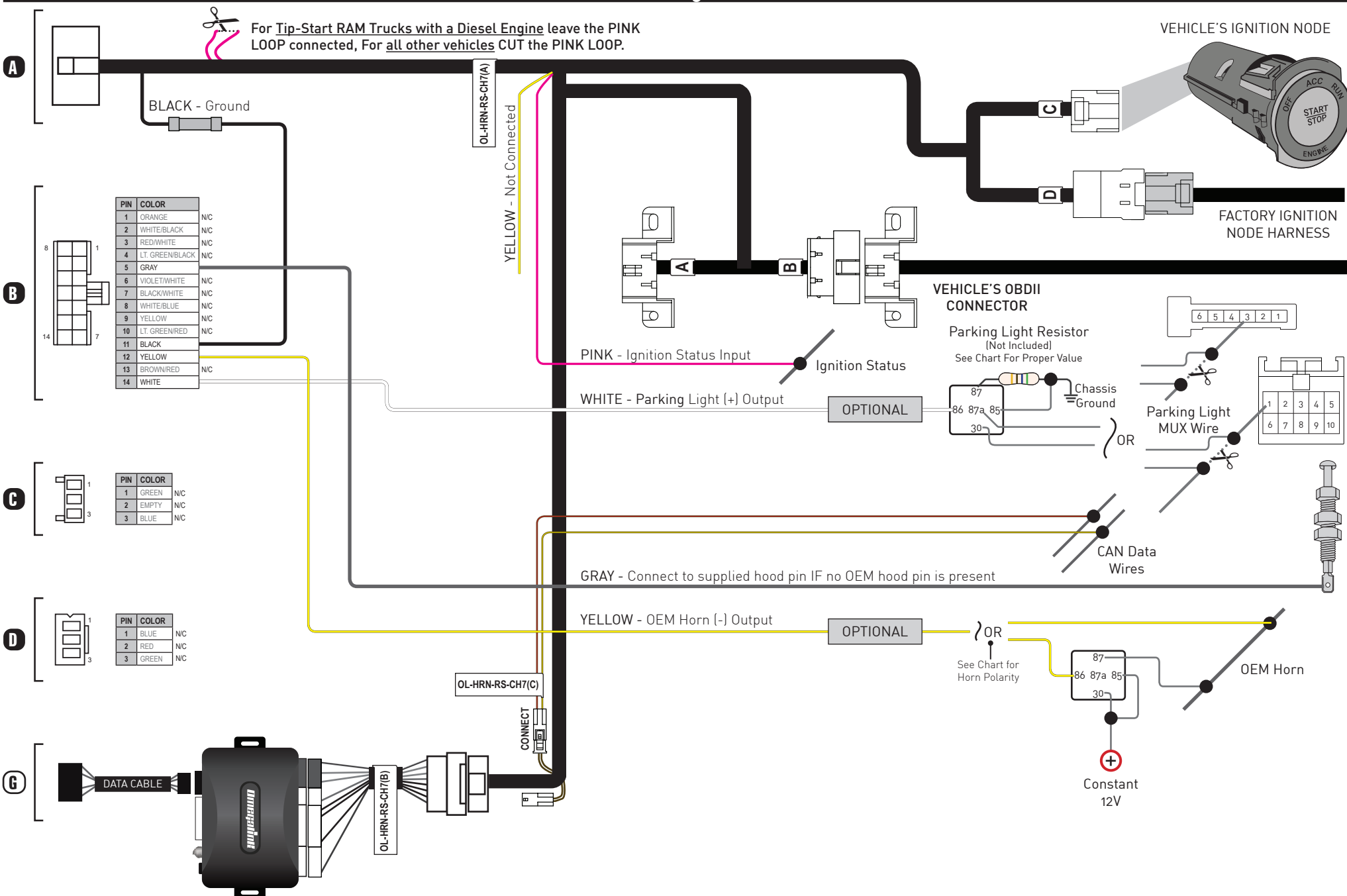
Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Push-to-Start Sedan Automatic	2019 - 2019	Ignition	Black	48	27	PINK/WHITE	(+)	BCM above passenger kick panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/LT. BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Chrysler	Pacifica	Push-to-Start Automatic	2018 - 2018	Ignition	Black	59	37	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN High Data	Black	59	57	TAN/WHITE	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN Low Data	Black	59	58	YELLOW	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	RED	(+)	BCM Above Driver Kick
Chrysler	Pacifica	Push-to-Start Automatic	2019 - 2020	Ignition	Black	59	39	PINK/LT.GREEN	(+)	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN High Data	Black	59	17	TAN/WHITE	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				CAN Low Data	Black	59	18	YELLOW	DATA	Junction Connector, Above Driver Kick Panel Attached to Firewall
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	24	23	DK.GREEN/WHITE	(+)	BCM Above Driver Kick
				12V Constant	Gray	4	3	RED	(+)	BCM Above Driver Kick
Dodge	Challenger	Push-to-Start Coupe Automatic	2019 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	(1500 Ohm) Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Dodge	Charger	Push-to-Start Sedan Automatic	2019 - 2020	Ignition	Black	48	27	PINK/WHITE	(+)	BCM Above Passenger Kick Panel
				CAN High Data	White	3	1	WHITE/GREEN	DATA	CAN-C Junction Block Near BCM
				CAN Low Data	White	3	2	WHITE/BLUE	DATA	CAN-C Junction Block Near BCM
				Parking Lights	Black	6	3	WHITE/BROWN	MUX	(1500 Ohm) Headlight Switch
				Horn	Black	24	23	DK GREEN/WHITE	(+)	BCM Above Passenger Kick Panel
				12V Constant	Black	4	3	VIOLET/RED	(+)	BCM Above Passenger Kick Panel
Jeep	Cherokee	Push-to-Start Automatic	2019 - 2021	Ignition	Black	60	3	BROWN	(+)	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN High Data	Black	60	38	TAN/PINK	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN Low Data		60	37	YELLOW	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED/GREEN	(+)	BCM Dash Fuse Box

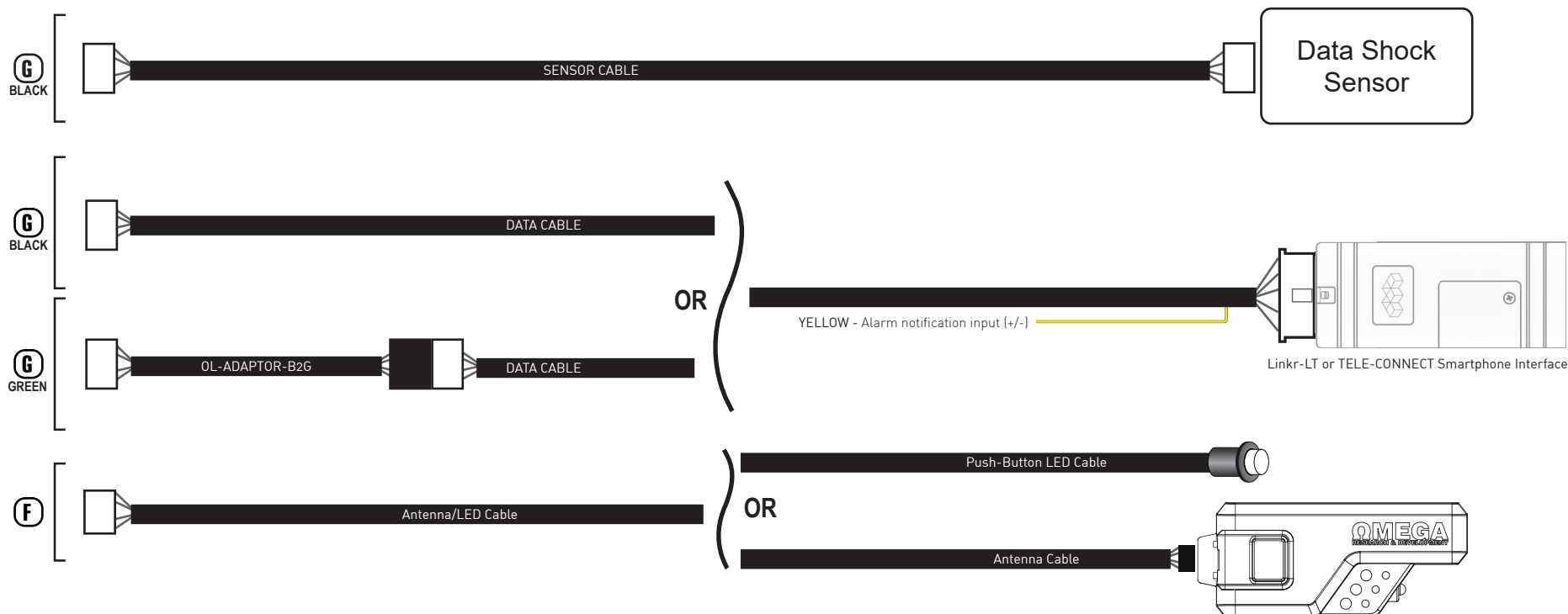
Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Cherokee	Tip-Start Automatic	2019 - 2021	Ignition	Black	60	3	BROWN	(+)	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN High Data	Black	60	38	TAN/PINK	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				CAN Low Data		60	37	YELLOW	DATA	Front of BCM/Fusebox Driver Side Dash Left of Steering Column
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(450-750 Ohm) At Headlight Switch
				Horn	Black	32	30	GRAY/YELLOW or DK.GREEN/WHITE	(+)	BCM Dash Fuse Box
				12V Constant	Blue	2	1(A)	RED/GREEN	(+)	BCM Dash Fuse Box
Jeep	Gladiator	Push-to-Start Automatic	2020 - 2021	Ignition	Black	12	7	PINK/GREEN	(+)	Security Gateway Module Behind Driver Dash Speaker
				CAN High Data	Green	3	1	TAN/WHITE	DATA	GREEN CAN Junction Block Behind Glovebox
				CAN Low Data	White	3	2	YELLOW	DATA	GREEN CAN Junction Block Behind Glovebox
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(1150 Ohm) At Headlight Switch
				Horn	Gray	34	10	DK.GREEN/VIOLET	(-)	Driver Side Kick Panel
Jeep	Wrangler JL	Push-to-Start Automatic	2018 - 2021	Ignition	Black	12	7	PINK/GREEN	(+)	Security Gateway Module Behind Driver Dash Speaker
				CAN High Data	Green	3	1	TAN/WHITE	DATA	GREEN CAN Junction Block Behind Glovebox
				CAN Low Data	Green	3	2	YELLOW	DATA	GREEN CAN Junction Block Behind Glovebox
				Parking Lights	Black	10	1	WHITE/BROWN	MUX	(1150 Ohm) Headlight Switch
				Horn	Gray	34	10	DK.GREEN/VIOLET	(-)	Driver Side Kick Panel

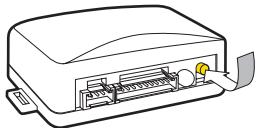
RSX-G6 Diagram #4

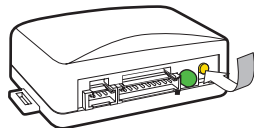


RSX-G6 Optional Accessories



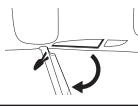
Installation Mode Selection

- 1  Press and release programming button to select installation mode.
-  LED flashes (1x) once = Data Mode (Recommended)
LED flashes (2x) twice = Hardwire Mode

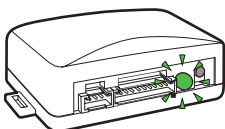
- 2  Press and hold programming button until LED turns solid GREEN to register selection.

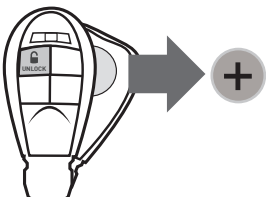
! After registration, follow Factory Reset to change installation mode and restart this process.

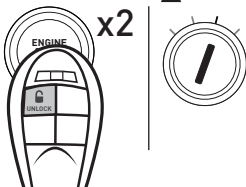
Module Programming for DL-CH7 & DL-CH8 Vehicles

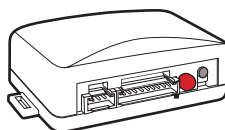
- 1  Close driver door.
-  Re-open driver door to wake up data bus

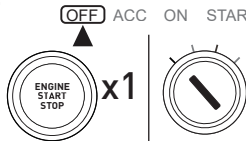
- 2  Press UNLOCK on keyfob 1.

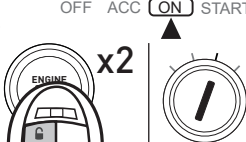
- 3  Wait, the LED will flash GREEN one time (1x).

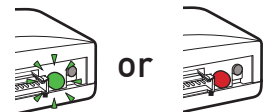
- 4  **DL-CH7 ONLY:**
Remove valet key and batteries from keyfob 1.

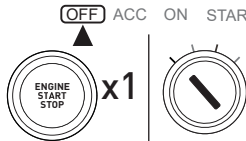
- 5  **DL-CH7:**
Push start button two times (2x) with keyfob 1. Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.

- 6  Wait, the LED will turn solid RED.

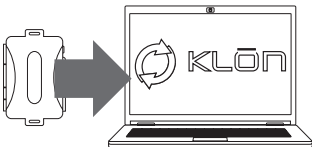
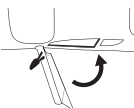
- 7  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.

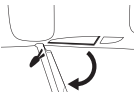
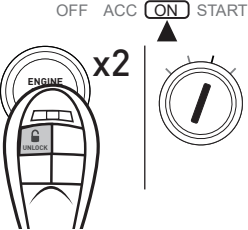
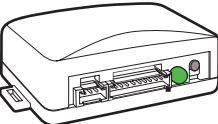
- 8  **DL-CH7:**
Push start button two times (2x) with keyfob 1. Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.

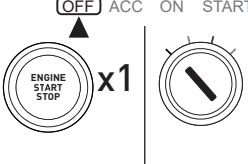
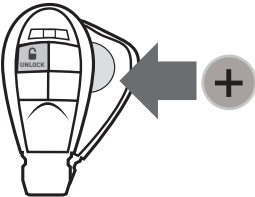
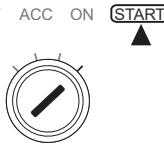
- 9  or  Wait, if the LED flashes GREEN rapidly, proceed to step 10. If LED turns solid RED, repeat steps 7 to 9.

- 10  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.

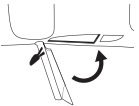
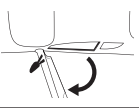
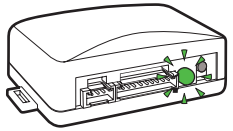
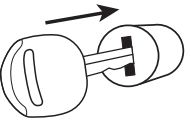
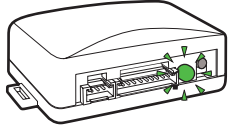
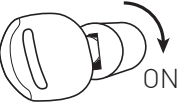
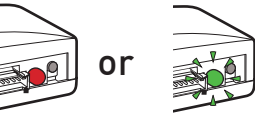
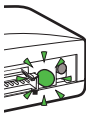
Module Programming for DL-CH7 & DL-CH8 Vehicles (cont.)

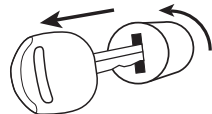
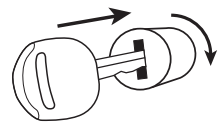
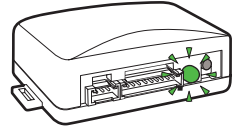
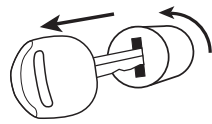
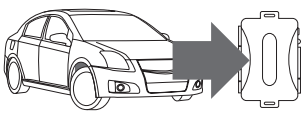
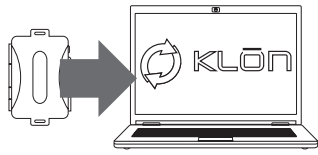
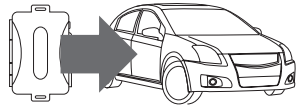
- 11  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.
- 12  Connect remote start to computer and proceed with extended programming.
- 13  **WARNING:** Do not press Blade programming button.
Connect power first.
Connect all other remote start connectors
- 14  Close driver door.

 Re-open driver door to wake up data bus
- 15  **DL-CH7:**
Push start button two times (2x) with keyfob 1.
Ignition should turn to ON position.
DL-CH8:
Turn key to the ON position.
- 16  Wait, the LED will turn solid GREEN for 2 seconds.

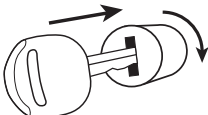
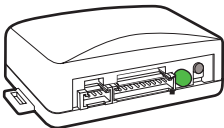
- 17  **DL-CH7:**
Push start button one time (1x). Ignition should turn to the OFF position.
DL-CH8:
Turn the switch to the OFF position and remove the key.
- 18  **DL-CH7 ONLY:**
Insert batteries and valet key back into keyfob 1.
- 19  **DL-CH8 ONLY:**
Turn the key to the START position.
- 20  **DL-CH8 ONLY:**
Turn the switch to the OFF position and remove the key.
- 21 Proceed to RSX-G6 Programming/Vehicle Learn.

Module Programming for DL-CH12 Tip-Start Vehicles

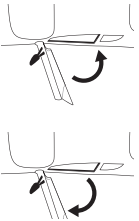
- 1  Close driver door.
 Re-open driver door to wake up data bus
- 2  Press UNLOCK on the OEM keyfob.
(If the vehicle is not equipped with an OEM keyfob press the module programming button)
- 3  Wait, the LED will flash GREEN one time (1x). If the LED does not flash GREEN repeat step 2.
- 4  Insert the key into ignition.
- 5  Wait, the LED will flash GREEN twice (2x).
- 6  Turn the key to ON position.
- 7  or  Wait, the LED will turn solid RED. If the LED flashes GREEN rapidly proceed to step 12.

- 8  Turn the the key to the OFF position and remove key.
- 9  Repeat steps 4 thru 8 eight times (8x).
- 10  Insert the key into the ignition and turn it to the ON Position.
- 11  Wait, the LED will flash GREEN rapidly.
- 12  Turn the the key to the OFF position and remove key.
- 13  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.
- 14  Connect remote start to computer and proceed with extended programming.
- 15  **WARNING:** Do not press Blade programming button.
Connect power first.
Connect all other remote start connectors

Module Programming for DL-CH12 Tip-Start Vehicles (cont.)

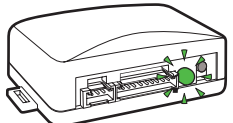
- 16  Insert the key into the ignition and turn it to the ON Position.
- 17  Wait, the LED will turn solid GREEN for 2 seconds.
- 18  Turn key to OFF position.
- 19 Proceed to RSX-G6 Programming/Vehicle Learn.

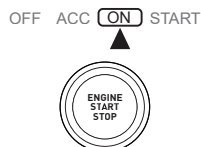
Module Programming for DL-CH12 PTS Vehicles

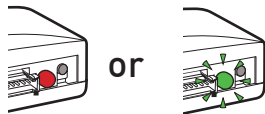
- 1  Close driver door.

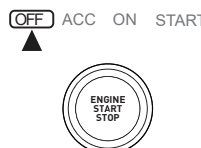
Re-open driver door to wake up data bus

- 2  Press UNLOCK on the OEM keyfob.
(If the vehicle is not equipped with an OEM keyfob press the module programming button)

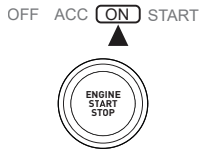
- 3  Wait, the LED will flash GREEN one time (1x).
If the LED does not flash GREEN repeat step 2.

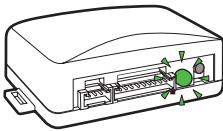
- 4  Turn the ignition to the ON position.

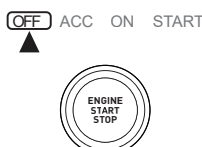
- 5  Wait, the LED will turn solid RED. If the LED flashes GREEN rapidly proceed to step 10.

- 6  Turn the ignition to the OFF position.

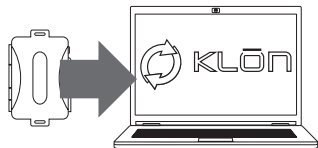
- 7  Repeat steps 4 thru 6 eight times (8x).

- 8  Turn the ignition to the ON position.

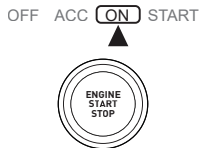
- 9  Wait, the LED will flash GREEN rapidly.

- 10  Turn the ignition to the OFF position.

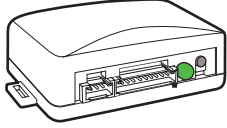
- 11  **WARNING:**
Disconnect power last
Disconnect remote start from vehicle.

- 12  Connect remote start to computer and proceed with extended programming.

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

- 14  Turn the ignition to the ON position.

Module Programming for DL-CH12 PTS Vehicles (cont.)

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

- 16  Turn the ignition to the OFF position.
- 

- 17 Proceed to RSX-G6 Programming/Vehicle Learn.

RSX-G6 Programming/Vehicle Learn

Before You Begin:

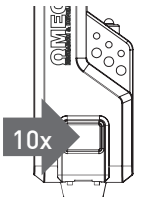
- Make sure all wires/harnesses are connected.
- Program the bypass module to the vehicle per the instructions on the previous pages.
- Connect any additional accessories/modules to the data ports.
- **MANUAL TRANSMISSION VEHICLES ONLY:** Change feature #6 to desired setup process. Connect the GREEN wire to the vehicles parking brake and set the parking brake.

- 1

OFF ACC **ON** START



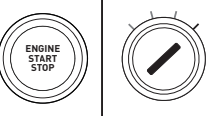
Turn ignition to ON position (do not start).
- 2



Press the Valet button 8x within 10 seconds

 - The system will chirp & flash lights to indicate crank delay (Default: 1 chirp/flash = 1.5 sec)
 - **Optional:** 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



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 TRANSMISSIONS:
Release the parking brake.

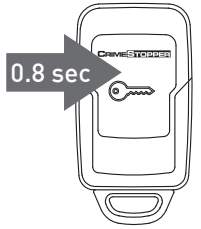
 - The system will chirp & flash the lights equal the # of IGN/ACC/START circuits detected (Max: 4).

Set the parking brake again.
Before turning the key OFF, perform the selected MT rerevation sequence (feature #6)

- 5



PUSH-BUTTON-START VEHICLES:
Exit the vehicle and take the OEM fob/key 20 feet away to allow remote start.
- 6



Activate remote start (feature #16) within 60 sec. Wait until engine is running and LED flashes slowly (10-45 seconds after engine cranks & runs).

 - 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.