



MODEL
OL-HRN-RS-CH4

GUIDE ID
CST_CH4_G6_G5_20210416

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

VEHICLE COMPATIBILITY

For G5 installations see pages 4-19
(OL-HRN-RS-PWR-CST not included but required for G5 units)
For G6 installations see pages 20-36

Make	Model	Trim	Years	Firmware	Diagram
Chrysler	300	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	DL-CH4	2
Chrysler	300 SRT	Tip-Start Sedan 8 Cyl. Automatic	2009 - 2010	DL-CH4	2
Chrysler	Town and Country	Push-to-Start 6 Cyl. Automatic	2012 - 2016	DL-CH4	1
Chrysler	Town and Country	Tip-Start 6 Cyl. Automatic	2008 - 2016	DL-CH4	1
Dodge	Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2010	DL-CH4	1
Dodge	Challenger	Push-to-Start Coupe 6/8 Cyl. Automatic	2008 - 2013	DL-CH4	2
Dodge	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2013	DL-CH4	5
Dodge	Challenger	Push-to-Start Coupe Automatic	2014 - 2014	DL-CH4	2
Dodge	Challenger	Push-to-Start Coupe Manual	2014 - 2014	DL-CH4	5
Dodge	Challenger	Tip-Start Coupe 6/8 Cyl. Automatic	2008 - 2013	DL-CH4	2
Dodge	Challenger	Tip-Start Coupe 8 Cyl. Manual	2008 - 2014	DL-CH4	5
Dodge	Challenger	Tip-Start Coupe Automatic	2014 - 2014	DL-CH4	2

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.

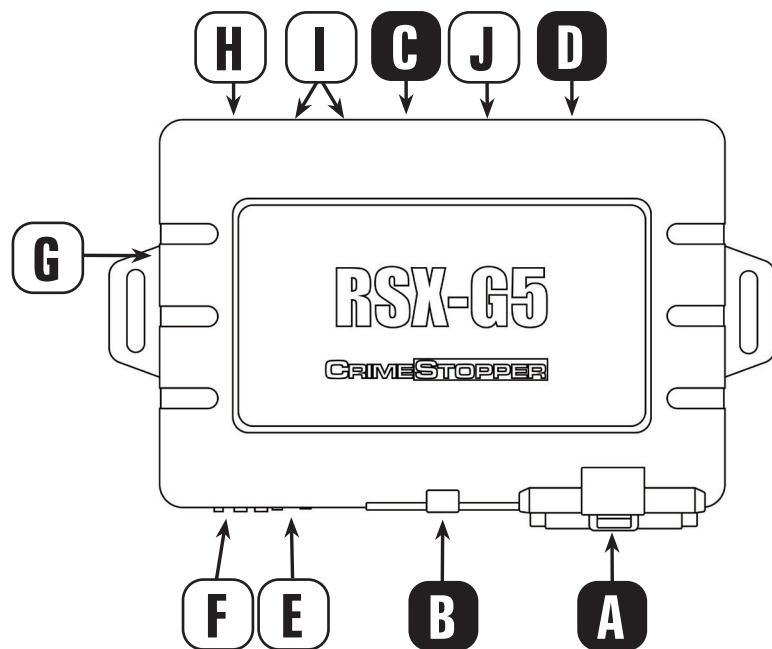
VEHICLE COMPATIBILITY (cont.)

Make	Model	Trim	Years	Firmware	Diagram
Dodge	Challenger	Tip-Start Coupe Manual	2014 - 2014	DL-CH4	5
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Automatic	2008 - 2014	DL-CH4	2
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2014	DL-CH4	5
Dodge	Charger	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	DL-CH4	2
Dodge	Charger SRT	Tip-Start Sedan 8 Cyl. Automatic	2008 - 2010	DL-CH4	2
Dodge	Durango	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	DL-CH4	1
Dodge	Durango	Tip-Start 6/8 Cyl. Automatic	2011 - 2013	DL-CH4	1
Dodge	Grand Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2020	DL-CH4	1
Dodge	Journey	Tip-Start 4/6 Cyl. Automatic	2009 - 2010	DL-CH4	3
Dodge	Magnum	Tip-Start Estate/Wagon 6/8 Cyl. Automatic	2008 - 2008	DL-CH4	2
Dodge	Magnum SRT	Std. Key Estate/Wagon 8 Cyl. Automatic	2008 - 2008	DL-CH4	2
Dodge	Ram 1500	Tip-Start 6/8 Cyl. Automatic	2009 - 2010	DL-CH4	1
Dodge	Ram 2500	Tip-Start 8 Cyl. Automatic	2010 - 2010	DL-CH4	1
Dodge	Ram 2500	Tip-Start 8 Cyl. Manual	2010 -2010	DL-CH4	4
Dodge	Ram 2500	Tip-Start Diesel Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 2500	Tip-Start Diesel Manual	2010 -2010	DL-CH4	4
Dodge	Ram 3500	Tip-Start 8 Cyl. Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 3500	Tip-Start 8 Cyl. Manual	2010 -2010	DL-CH4	4
Dodge	Ram 3500	Tip-Start Diesel Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 3500	Tip-Start Diesel Manual	2010 -2010	DL-CH4	4
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Manual	2010 -2010	DL-CH4	4
Dodge	Ram 3500 Chassis Cab	Tip-Start Diesel Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 3500 Chassis Cab	Tip-Start Diesel Manual	2010 -2010	DL-CH4	4
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Manual	2010 -2010	DL-CH4	4
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Automatic	2010 -2010	DL-CH4	1
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Manual	2010 -2010	DL-CH4	4
Jeep	Commander	Std. Key 6/8 Cyl. Automatic	2008 - 2010	DL-CH4	3
Jeep	Grand Cherokee	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	DL-CH4	1

VEHICLE COMPATIBILITY (cont.)

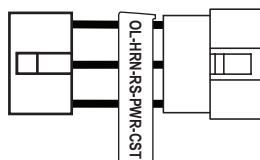
Make	Model	Trim	Years	Firmware	Diagram
Jeep	Grand Cherokee	Std. Key 6/8 Cyl. Automatic	2008 - 2013	DL-CH4	3
Jeep	Grand Cherokee SRT	Push-to-Start 8 Cyl. Automatic	2011 - 2013	DL-CH4	1
Jeep	Grand Cherokee SRT	Std. Key 8 Cyl. Automatic	2009 - 2010	DL-CH4	3
Ram	1500	Tip-Start 6/8 Cyl. Automatic	2010 - 2012	DL-CH4	1
Ram	2500	Tip-Start 8 Cyl. Automatic	2010 - 2012	DL-CH4	1
Ram	2500	Tip-Start 8 Cyl. Manual	2010 - 2012	DL-CH4	4
Ram	2500	Tip-Start Diesel Automatic	2010 - 2012	DL-CH4	1
Ram	2500	Tip-Start Diesel Manual	2010 - 2012	DL-CH4	4
Ram	3500	Tip-Start 8 Cyl. Automatic	2010 - 2012	DL-CH4	1
Ram	3500	Tip-Start 8 Cyl. Manual	2010 - 2012	DL-CH4	4
Ram	3500	Tip-Start Diesel Automatic	2010 - 2012	DL-CH4	1
Ram	3500	Tip-Start Diesel Manual	2010 - 2012	DL-CH4	4
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Automatic	2010 - 2012	DL-CH4	1
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Manual	2010 - 2012	DL-CH4	4
Ram	3500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	DL-CH4	1
Ram	3500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	DL-CH4	4
Ram	4500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	DL-CH4	1
Ram	4500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	DL-CH4	4
Ram	5500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	DL-CH4	1
Ram	5500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	DL-CH4	4
Ram	C/V	Tip-Start 6 Cyl. Automatic	2010 - 2015	DL-CH4	1
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Automatic	2013 - 2014	DL-CH4	2
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2013 - 2014	DL-CH4	5
SRT	Grand Cherokee	Push-to-Start 8 Cyl. Automatic	2013 - 2013	DL-CH4	1
Volkswagen	Routan	Std. Key 6 Cyl. Automatic	2008 - 2014	DL-CH4	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.

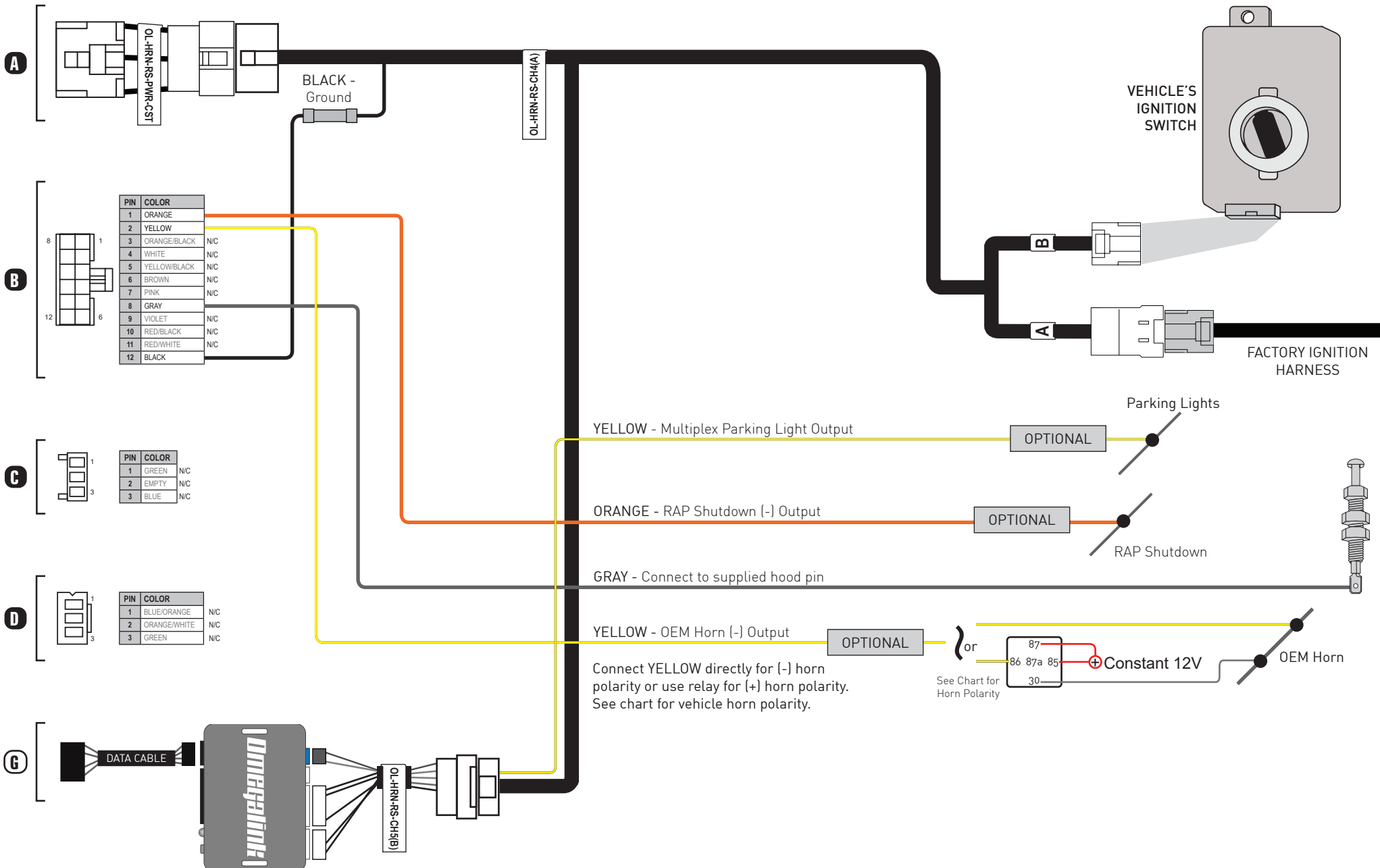
Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	Town & Country	Push-to-Start 6 Cyl. Automatic	2012 - 2016	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Chrysler	Town & Country	Tip-Start 6 Cyl. Automatic	2008 - 2016	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Dodge	Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Dodge	Durango	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Durango	Tip-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Grand Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2020	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Ram 1500	Tip-Start 6/8 Cyl. Automatic	2009 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 2500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 3500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment

Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Grand Cherokee	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	Green	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Jeep	Grand Cherokee SRT	Push-to-Start 8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	Green	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	1500	Tip-Start 6/8 Cyl. Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	2500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	3500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	4500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	5500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	C/V	Tip-Start 6 Cyl. Automatic	2010 - 2015	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
SRT	Grand Cherokee	Push-to-Start 8 Cyl. Automatic	2013 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Volkswagen	Routan	Std. Key 6 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment

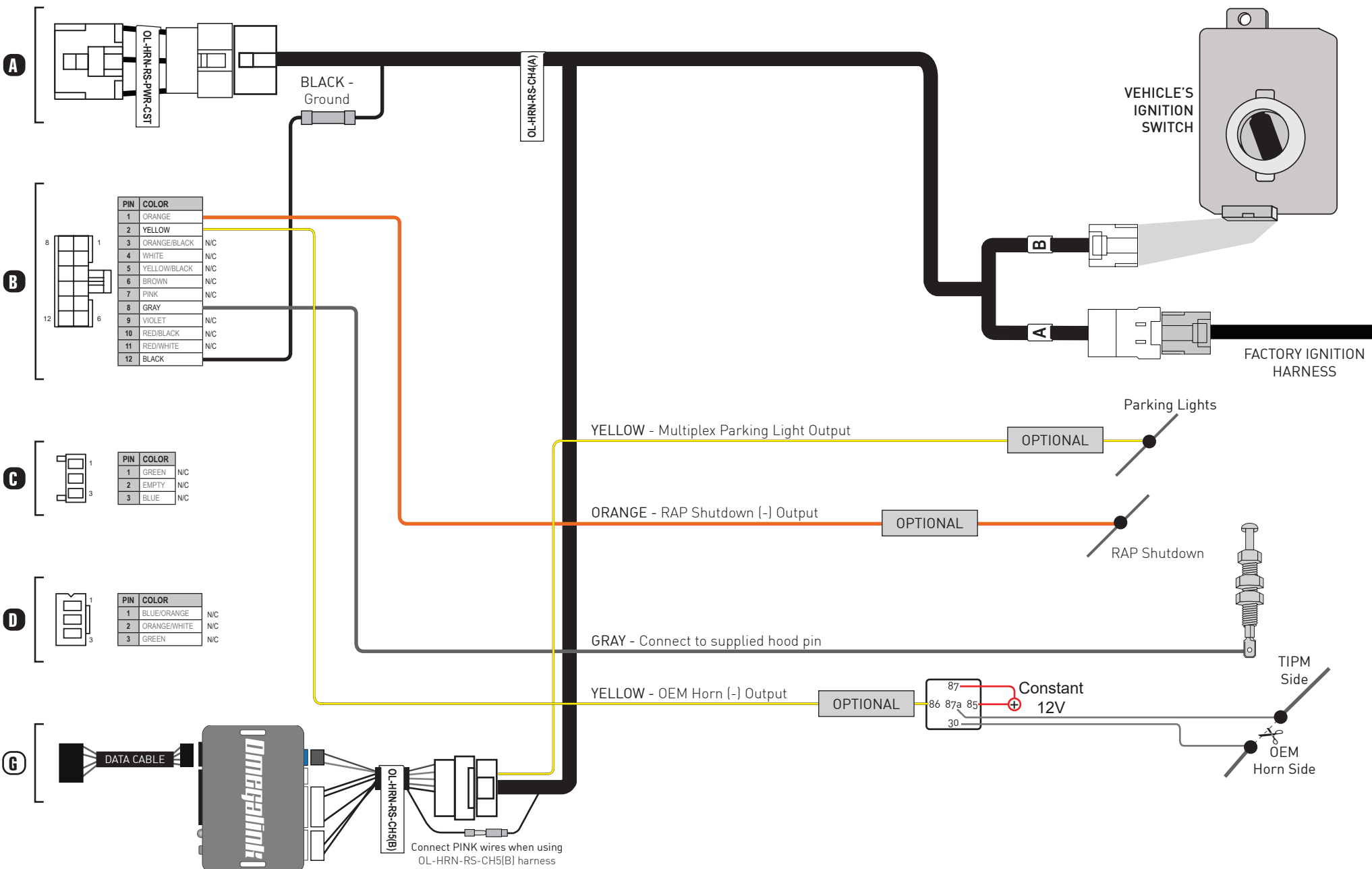
RSX-G5 Diagram #1



Wire Location Chart Diagram #2

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Chrysler	300 SRT	Tip-Start Sedan 8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger	Push-to-Start Coupe 6/8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger	Tip-Start Coupe 6/8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Charger	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Charger SRT	Tip-Start Sedan 8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Magnum	Tip-Start Estate/Wagon 6/8 Cyl. Automatic	2008 -	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Magnum SRT	Std. Key Estate/Wagon 8 Cyl. Automatic	2008 -	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Automatic	2013 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment

RSX-G5 Diagram #2



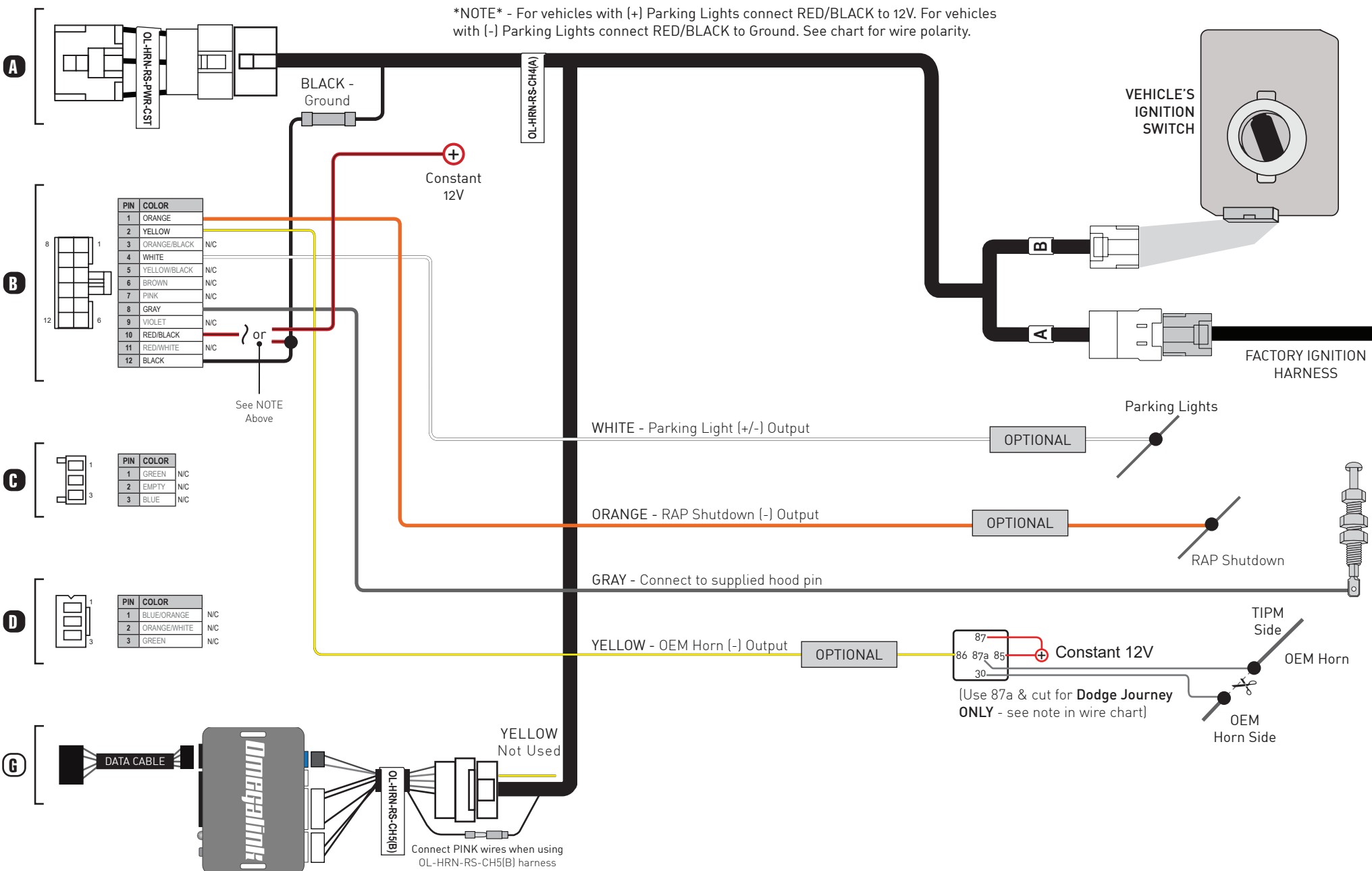
Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Journey	Tip-Start 4/6 Cyl. Automatic	2009 - 2010	Parking Lights	-	-	-	WHITE/VIOLET	(+)	Drivers Kick Panel
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn *	-	-	-	DK.GREEN/ORANGE	(+)	At Horn Passenger Front Engine Compartment
				* - Dodge Journey must use 87a on relay as interrupt for OEM Horn operation, see diagram on following page.						
Jeep	Commander	Std. Key 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment
Jeep	Grand Cherokee	Std. Key 6/8 Cyl. Automatic	2008 - 2013	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment
Jeep	Grand Cherokee SRT	Std. Key 8 Cyl. Automatic	2009 - 2010	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment

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RSX-G5 Diagram #3



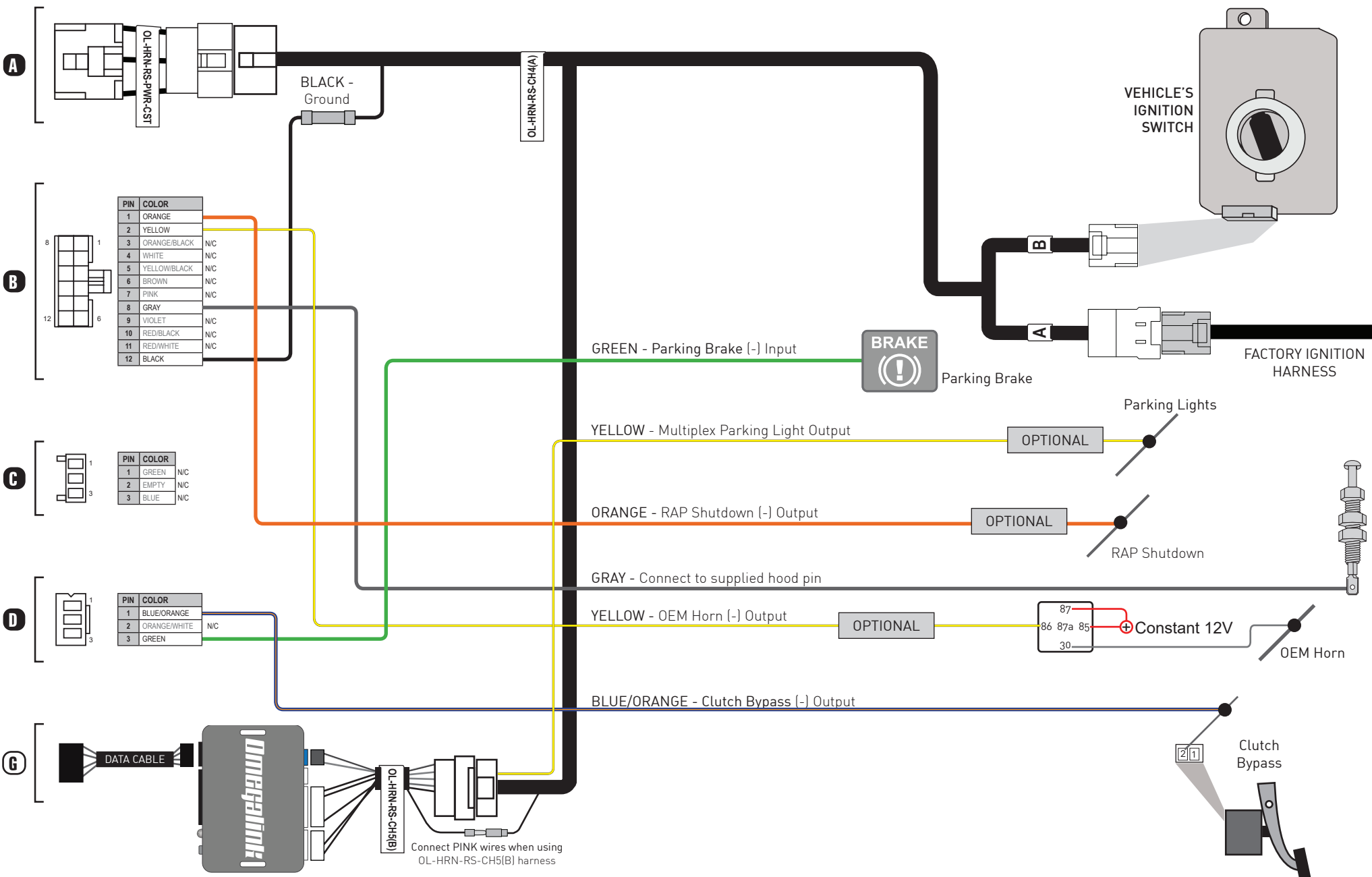
Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Ram 2500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 3500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	2500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	3500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch

Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	4500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	5500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch

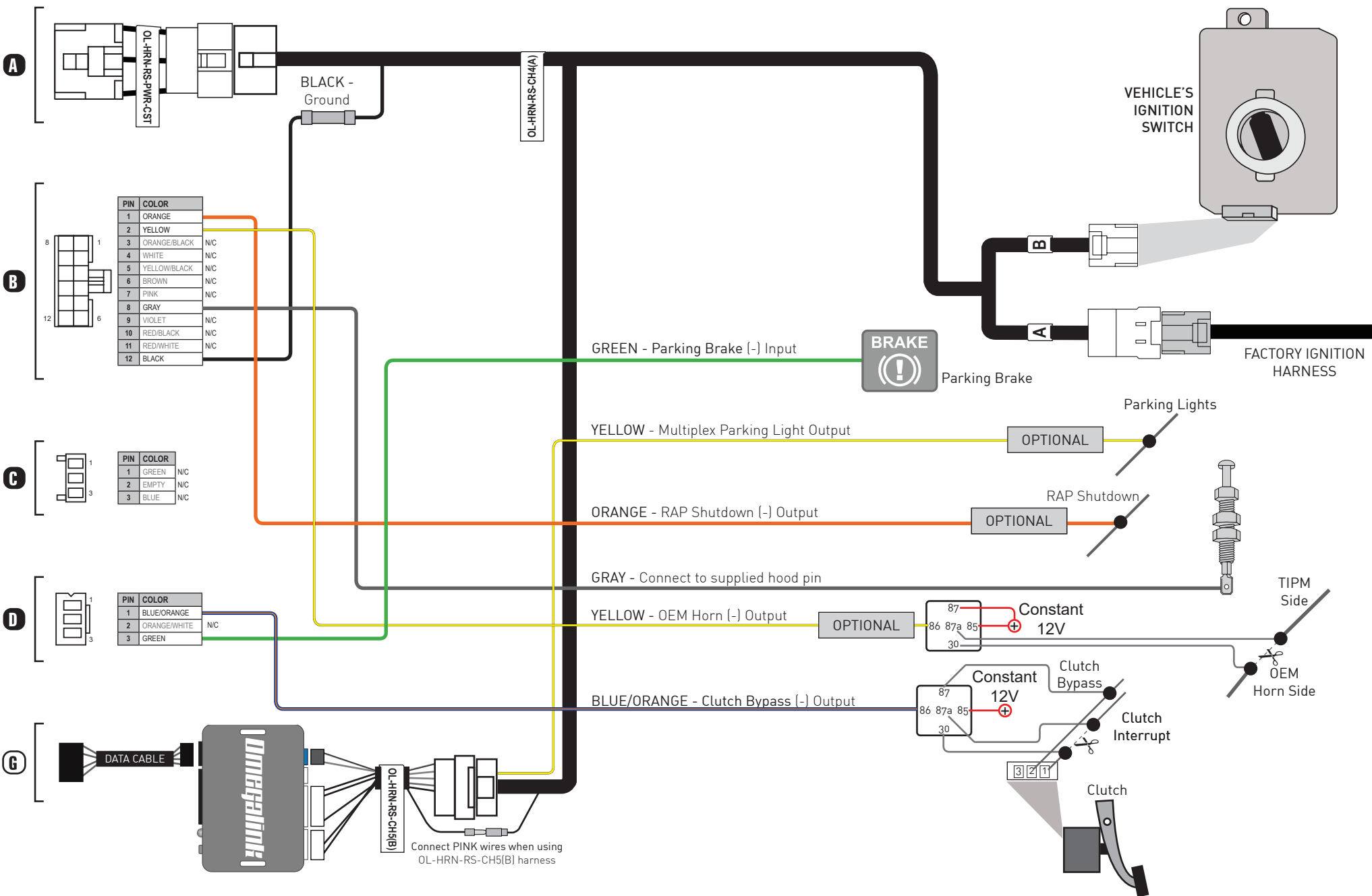
RSX-G5 Diagram #4



Wire Location Chart Diagram #5

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
Dodge	Challenger	Tip-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2013 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch

RSX-G5 Diagram #5



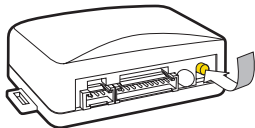
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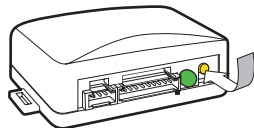
GUIDE ID: CST_CH4_G6_G5_20210416

RSX-G5 Optional Accessories



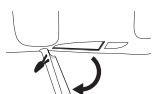
Installation Mode Selection

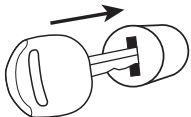
- 1  Press and release programming button to select installation mode.
-  LED flashes (1x) once = Data Mode (Recommended)
 LED flashes (2x) twice = Hardwire Mode

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

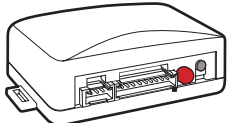
! After registration, follow Factory Reset to change installation mode and restart this process.

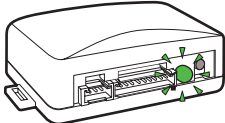
Module Programming - Key Start/Tip Start Vehicles

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

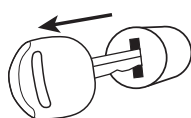
- 2  Insert the key into the ignition.

- 3  Turn the key to the ON position.

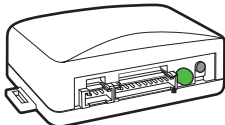
- 4  LED will turn solid RED.

- 5  Within 5 seconds, LED will flash GREEN rapidly.

- 6  Turn key to OFF position.

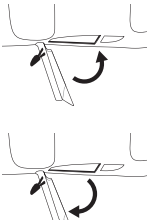
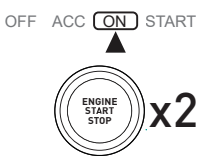
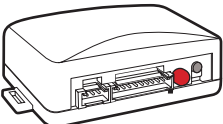
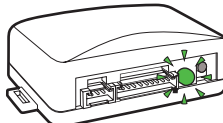
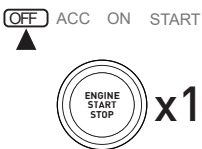
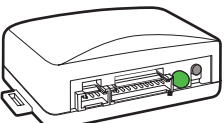
- 7  Remove key.

- 8  Press Unlock on the OEM remote.
 If vehicle is not equipped with an OEM remote, press the Blade programming button.

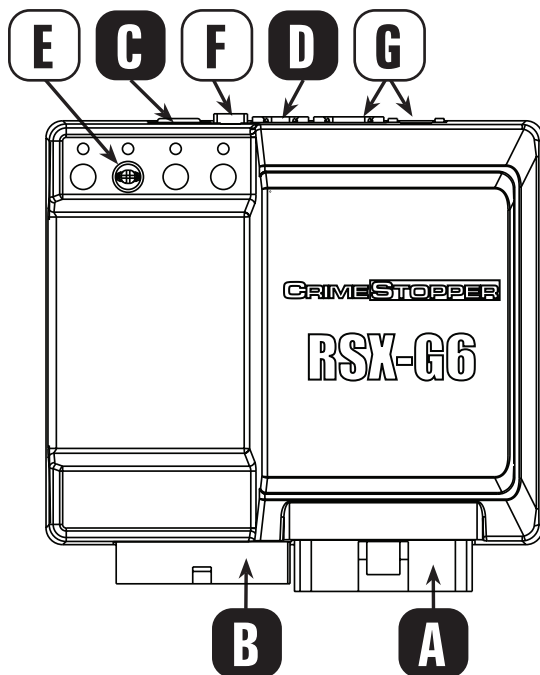
- 9  Wait, LED will turn solid GREEN for 2 seconds.

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

Module Programming - Push To Start Vehicles

- 1  Close driver door.
Re-open driver door to wake up data bus.
- 2  Push the start button twice (2x) to ON position.
DO NOT PRESS BRAKE PEDAL.
- 3  LED will turn solid RED.
- 4  Within 5 seconds, LED will flash GREEN rapidly.
- 5  Push the start button twice (1x) to OFF position.
DO NOT PRESS BRAKE PEDAL.
- 6  Press Unlock on the OEM remote.
- 7  Wait, LED will turn solid GREEN for 2 seconds.
- 8 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	Town & Country	Push-to-Start 6 Cyl. Automatic	2012 - 2016	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Chrysler	Town & Country	Tip-Start 6 Cyl. Automatic	2008 - 2016	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Dodge	Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	-	-	-	DK.GREEN/VIOLET	(-)	Harness Under Steering Wheel
Dodge	Durango	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Durango	Tip-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Grand Caravan	Tip-Start 6 Cyl. Automatic	2008 - 2020	Parking Lights	BLACK	6	3	WHITE/GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BROWN	40	18	GRAY/YELLOW	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Ram 1500	Tip-Start 6/8 Cyl. Automatic	2009 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 2500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 3500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment

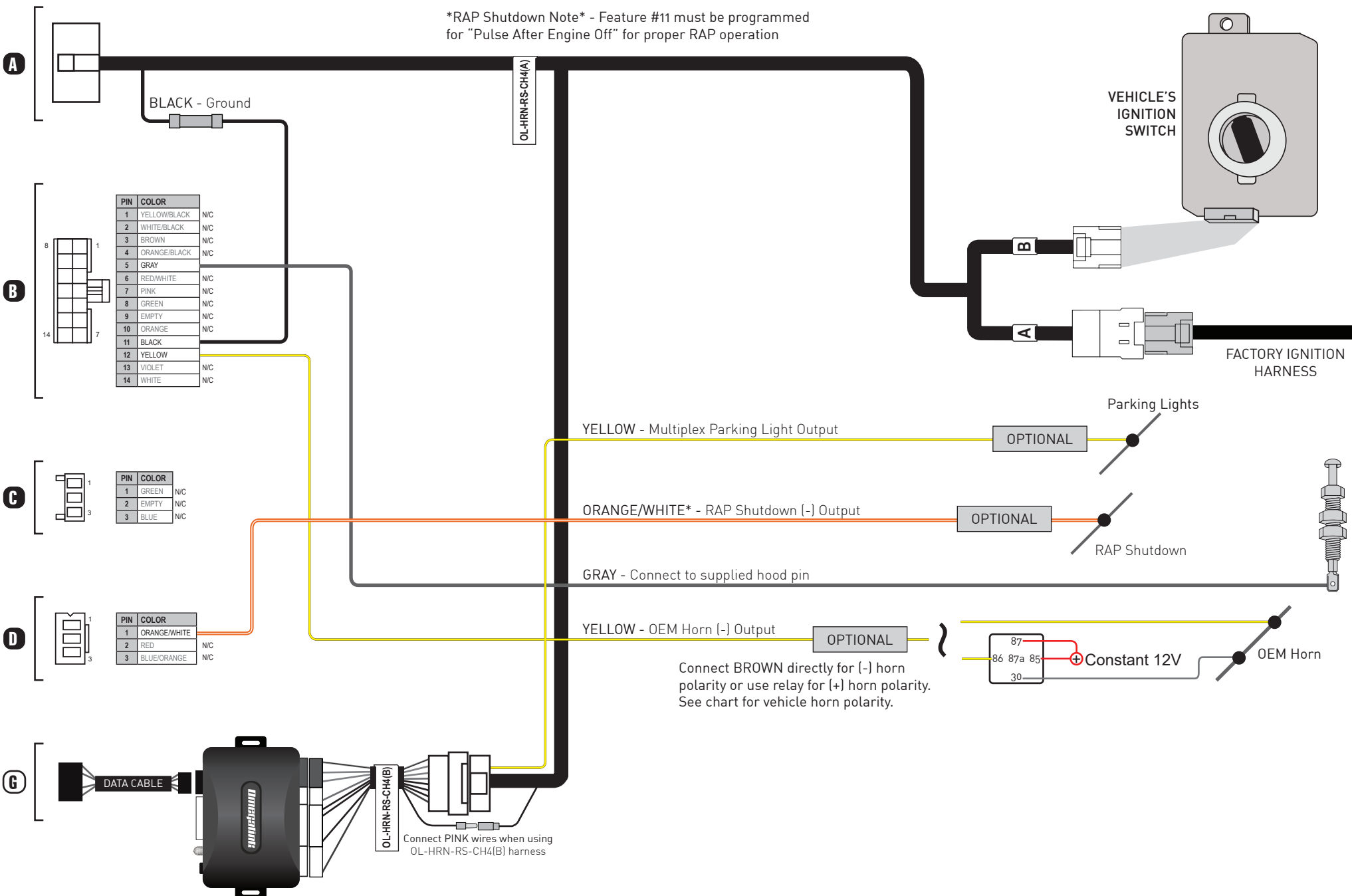
Wire Location Chart Diagram #1

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Jeep	Grand Cherokee	Push-to-Start 6/8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	Green	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Jeep	Grand Cherokee SRT	Push-to-Start 8 Cyl. Automatic	2011 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	Green	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	1500	Tip-Start 6/8 Cyl. Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	2500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	3500	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Automatic Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	4500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	5500 Chassis Cab	Tip-Start Diesel Automatic	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Ram	C/V	Tip-Start 6 Cyl. Automatic	2010 - 2015	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
SRT	Grand Cherokee	Push-to-Start 8 Cyl. Automatic	2013 - 2013	Parking Lights	BLACK	10	1	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
Volkswagen	Routan	Std. Key 6 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	6	3	WHITE/LT. GREEN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment

MODEL: OL-HRN-RS-CH4

GUIDE ID: CST_CH4_G6_G5_20210416

RSX-G6 Diagram #1



Wire Location Chart Diagram #2

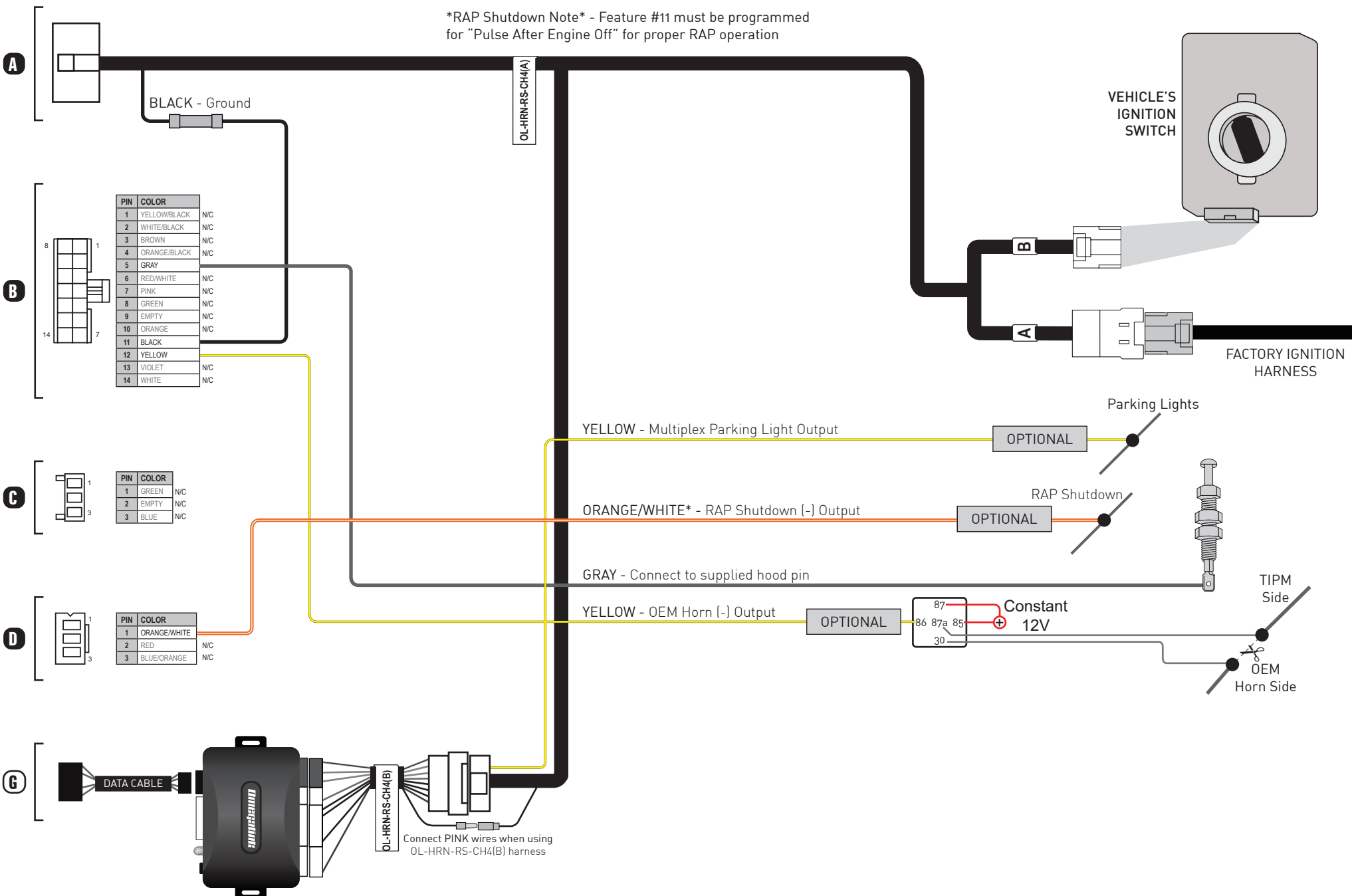
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Chrysler	300	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Chrysler	300 SRT	Tip-Start Sedan 8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger	Push-to-Start Coupe 6/8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger	Tip-Start Coupe 6/8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Automatic	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Charger	Tip-Start Sedan 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Charger SRT	Tip-Start Sedan 8 Cyl. Automatic	2008 - 2010	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Magnum	Tip-Start Estate/Wagon 6/8 Cyl. Automatic	2008 -	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
Dodge	Magnum SRT	Std. Key Estate/Wagon 8 Cyl. Automatic	2008 -	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Automatic	2013 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment

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RSX-G6 Diagram #2

RAP Shutdown Note - Feature #11 must be programmed for "Pulse After Engine Off" for proper RAP operation



Wire Location Chart Diagram #3

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Journey	Tip-Start 4/6 Cyl. Automatic	2009 - 2010	Parking Lights	-	-	-	WHITE/VIOLET	(+)	Drivers Kick Panel
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel
				Horn *	-	-	-	DK.GREEN/ORANGE	(+)	At Horn Passenger Front Engine Compartment
				* - Dodge Journey must use 87a on relay as interrupt for OEM Horn operation, see diagram on following page.						
Jeep	Commander	Std. Key 6/8 Cyl. Automatic	2008 - 2010	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment
Jeep	Grand Cherokee	Std. Key 6/8 Cyl. Automatic	2008 - 2013	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment
Jeep	Grand Cherokee SRT	Std. Key 8 Cyl. Automatic	2009 - 2010	Parking Lights	-	-	1	(AT RELAY)	(-)	Drivers Side Under Hood Fuse Box
				RAP Shutdown	BLACK	20	5	VIOLET	(-)	Driver Door Module In Driver Door
				Horn	-	-	35	DK.GREEN/ORANGE	(+)	Under IPM Fuse Box Driver Side Engine Compartment

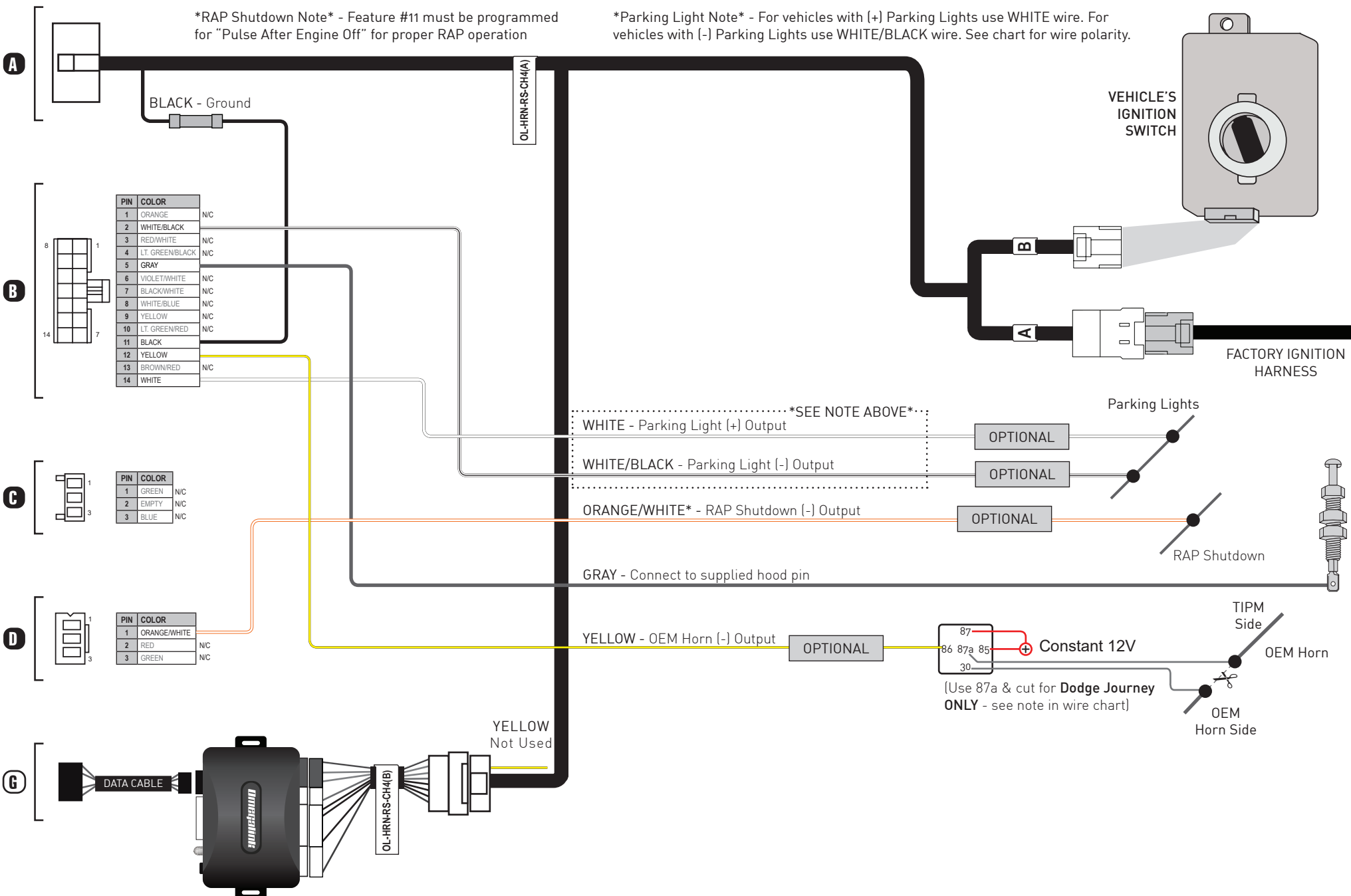
MODEL: OL-HRN-RS-CH4

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RSX-G6 Diagram #3

RAP Shutdown Note - Feature #11 must be programmed for "Pulse After Engine Off" for proper RAP operation

Parking Light Note - For vehicles with (+) Parking Lights use WHITE wire. For vehicles with (-) Parking Lights use WHITE/BLACK wire. See chart for wire polarity.



Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Ram 2500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 3500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 3500 Chassis Cab	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 4500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Dodge	Ram 5500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2010	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	25	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	2500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	3500	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch

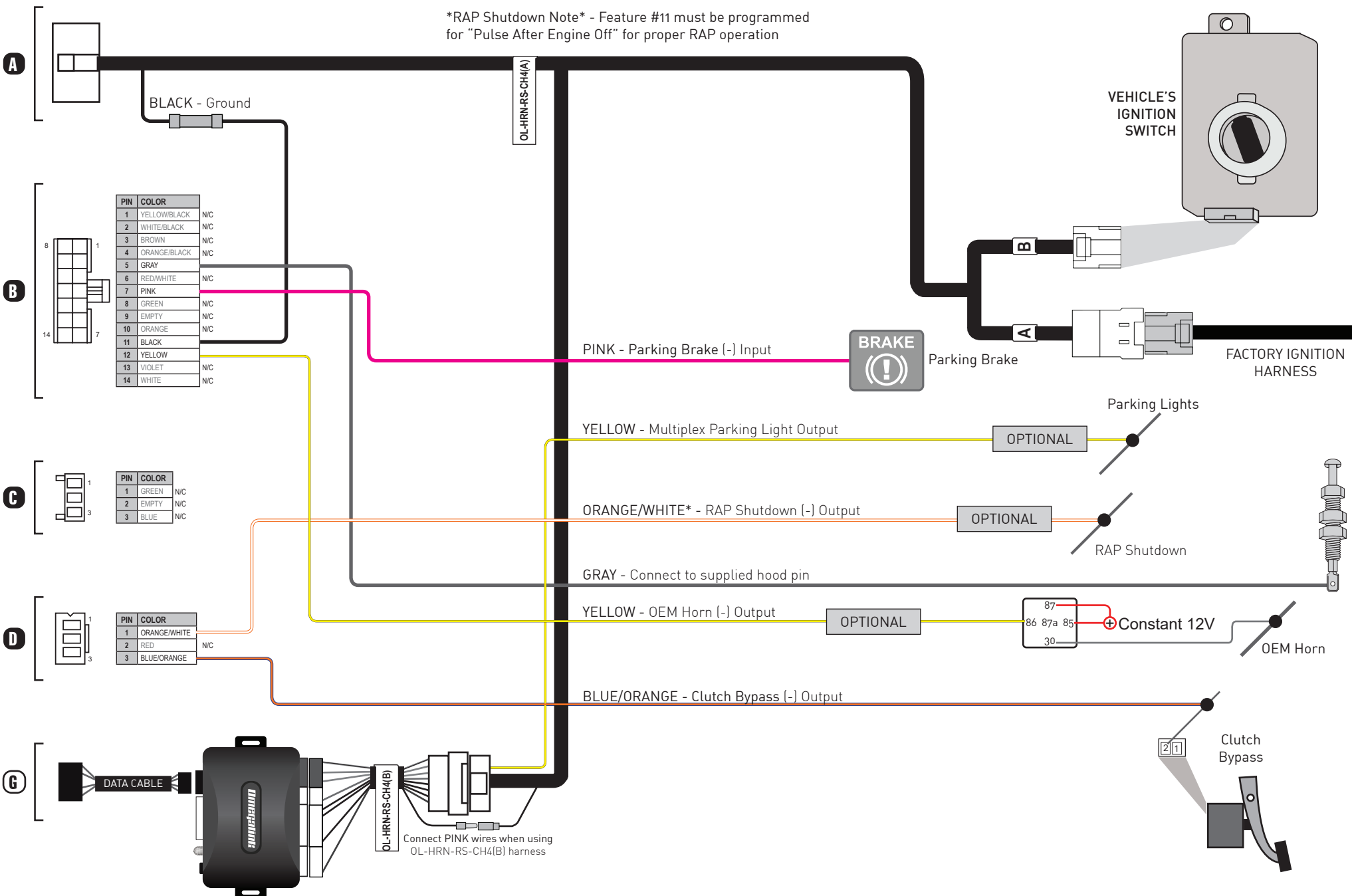
Wire Location Chart Diagram #4

Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Ram	3500 Chassis Cab	Tip-Start 8 Cyl. Manual Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	4500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch
Ram	5500 Chassis Cab	Tip-Start Diesel Manual	2010 - 2012	Parking Lights	BLACK	10	1	WHITE	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	GREEN	26	18	GRAY/YELLOW	(+)	Under TIPM Driver Side Engine Compartment
				Clutch Bypass	-	2	1	YELLOW/DK. BLUE	(-)	Clutch Switch
				Parking Brake	BLACK	1	1	DK. GREEN/WHITE	(-)	Parking Brake Switch

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RSX-G6 Diagram #4



Wire Location Chart Diagram #5

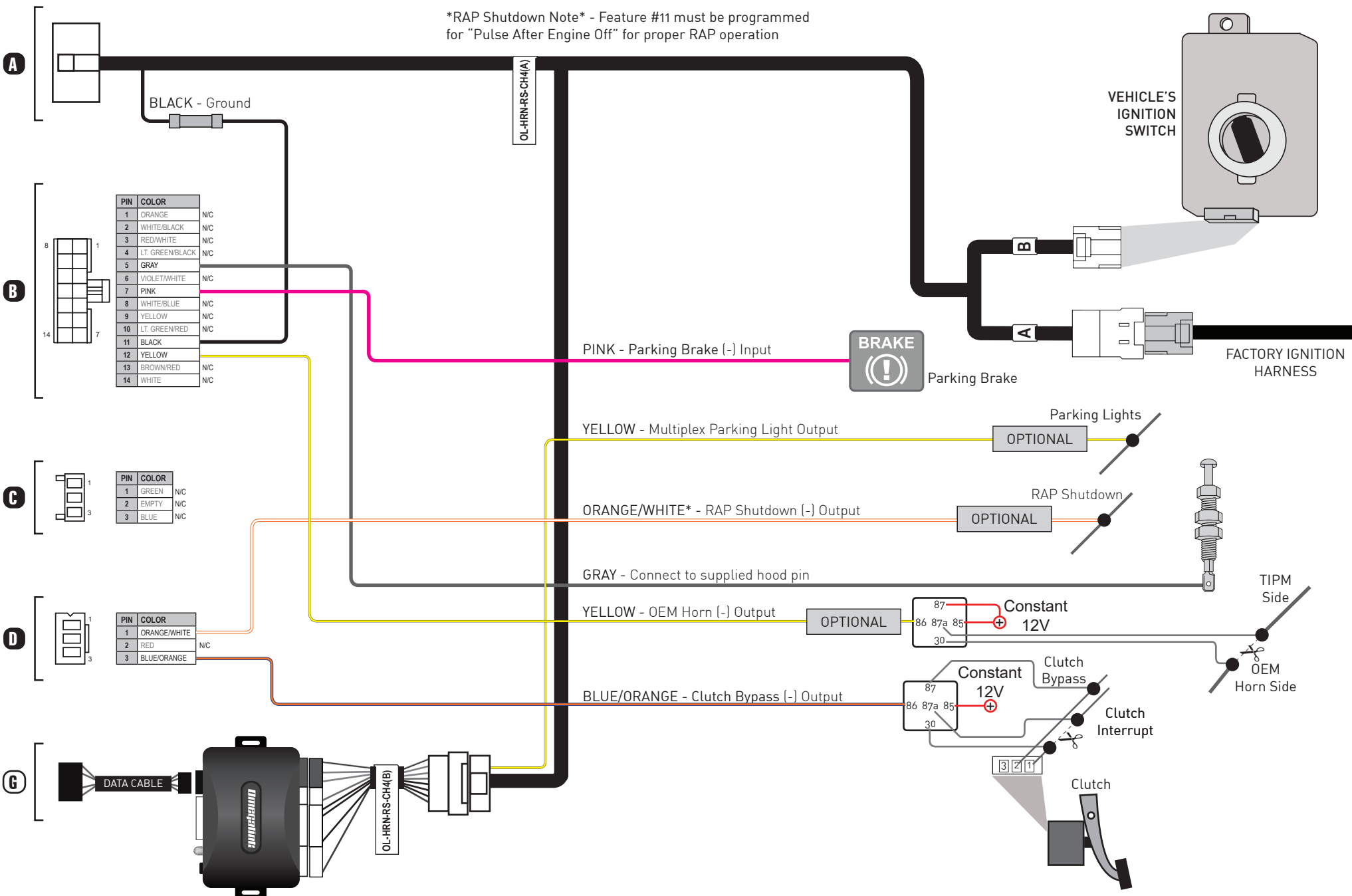
Make	Model	Trim	Year	Item	Connector Color	Connector Pins	Pin #	Wire Color	Polarity	Location
Dodge	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
Dodge	Challenger	Tip-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
Dodge	Challenger SRT	Push-to-Start Coupe 8 Cyl. Manual	2008 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch
SRT	Challenger	Push-to-Start Coupe 8 Cyl. Manual	2013 - 2014	Parking Lights	BLACK	10	1	WHITE/BROWN	MUX	Headlight Switch
				RAP Shutdown	-	-	-	VIOLET	(-)	Drivers Kick Panel Door Harness
				Horn	BLACK	15	3	DK.GREEN/ORANGE	(+)	Under TIPM Passenger Side Engine Compartment
				Clutch Bypass	GRAY	3	2	YELLOW/ORANGE	(-)	Clutch Switch
				Clutch Interrupt	GRAY	3	1	GREEN/ORANGE	(NC)	Clutch Switch
				Parking Brake	GRAY	26	18	GRAY/BLACK	(-)	Gauge Cluster Or Parking Brake Switch

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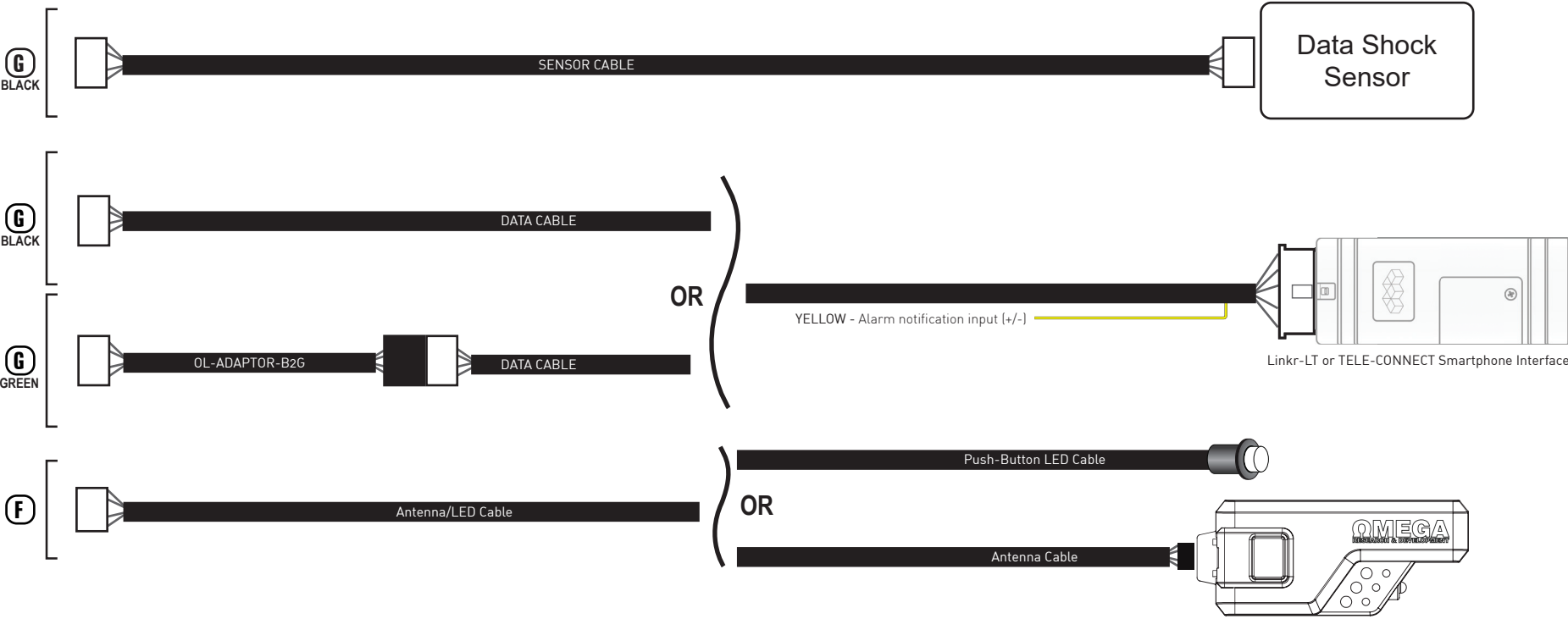
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RSX-G6 Diagram #5

RAP Shutdown Note - Feature #11 must be programmed for "Pulse After Engine Off" for proper RAP operation

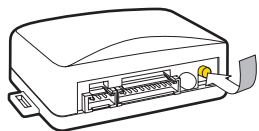


RSX-G6 Optional Accessories



Installation Mode Selection

1

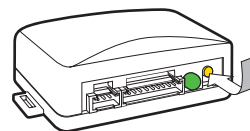


Press and release programming button to select installation mode.



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

2



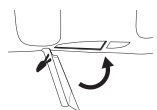
Press and hold programming button until LED turns solid GREEN to register selection.



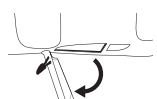
After registration, follow Factory Reset to change installation mode and restart this process.

Module Programming - Key Start/Tip Start Vehicles

1

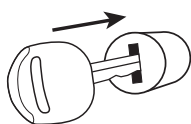


Close driver door.



Re-open driver door to wake up data bus.

2



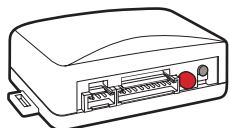
Insert the key into the ignition.

3



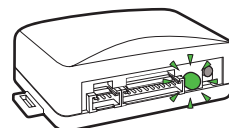
Turn the key to the ON position.

4



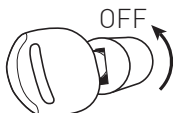
LED will turn solid RED.

5



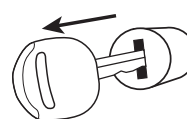
Within 5 seconds, LED will flash GREEN rapidly.

6



Turn key to OFF position.

7



Remove key.

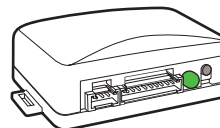
8



Press Unlock on the OEM remote.

If vehicle is not equipped with an OEM remote, press the Blade programming button.

9

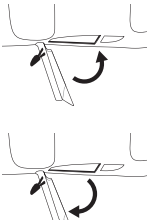


Wait, LED will turn solid GREEN for 2 seconds.

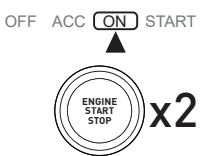
10

Proceed to RSX-G6 Programming/Vehicle Learn.

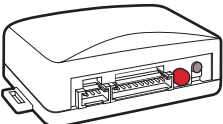
Module Programming - Push To Start Vehicles

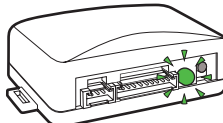
- 1 

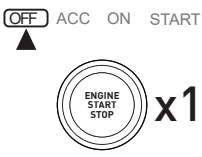
Close driver door.

Re-open driver door to wake up data bus.
- 2 

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

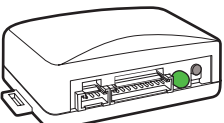
DO NOT PRESS BRAKE PEDAL.
- 3 

LED will turn solid RED.
- 4 

Within 5 seconds, LED will flash GREEN rapidly.
- 5 

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

DO NOT PRESS BRAKE PEDAL.
- 6 

Press Unlock on the OEM remote.
- 7 

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

Proceed to RSX-G6 Programming/Vehicle Learn.

RSX-G6 Programming/Vehicle Learn

Before You Begin:

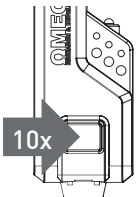
- Make sure all wires/harnesses are connected.
- Program the bypass module to the vehicle per the instructions on the previous pages.
- Connect any additional accessories/modules to the data ports.
- **MANUAL TRANSMISSION VEHICLES ONLY:** Change feature #6 to desired setup process. Connect the GREEN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

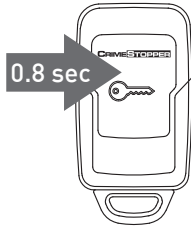
 - The system will chirp & flash the lights equal the # of IGN/ACC/START circuits detected (Max: 4).

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

- 5

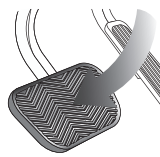


PUSH-BUTTON-START VEHICLES:
Exit the vehicle and take the OEM fob/key 20 feet away to allow remote start.
- 6



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.