



INSTALL GUIDE

OEM-AL(RS)-NI8-[FLCAN]-EN

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83853

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20231124

FIRMWARE
OEM-AL(RS)-NI8-[FLCAN]

HARDWARE
FLCAN

ACCESSORIES
FLPROG (REQUIRED)

TERMS OF USE: Automotive Data Solutions Inc. ("ADS") products are strictly intended for installation by Certified Technicians who are employed by a registered business specialized in the installation of automotive aftermarket electronics products. Prior to beginning installation of an ADS product in a vehicle, it is the Certified Technician's responsibility to review the most current Product Guide, Install Guide and vehicle-specific notes available in Weblink®. ADS is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages, damages for loss of time, loss of earnings, loss of profit, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the use, misuse, improper installation or operation of its products. ADS reserves itself the right to suspend any Weblink® account without notice and decline to offer technical support to non-Certified Technicians, non-compliant Certified Technicians or end users.



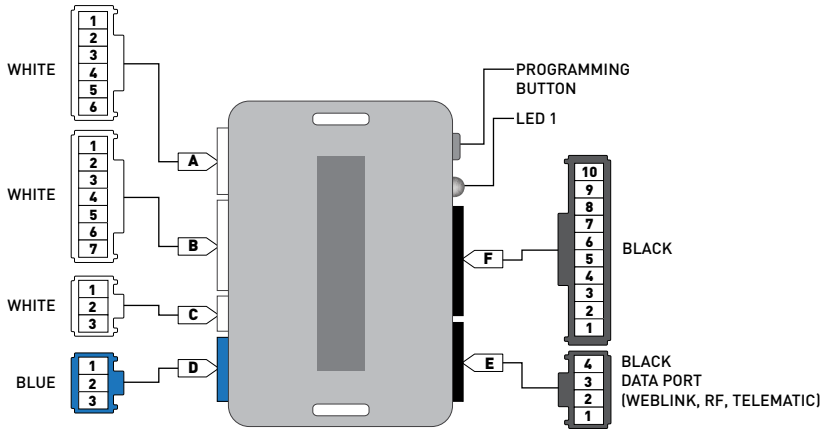
BEFORE INSTALLATION

- 1- Connect module to computer
- 2- Login to Weblink account
- 3- Flash firmware to module (module is not preloaded with firmware)
- 4- Use accessories accordingly (accessories are sold separately)

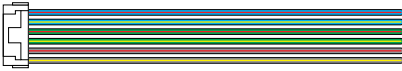
MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES														
				DATA IMMOBILIZER BYPASS	SECURE TAKEOVER	PARKING LIGHT CTRL	3X LOCK REMOTE START	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PUSH TO START CTRL	RAP SHUTDOWN CTRL	DOOR STATUS MONITORING	TRUNK STATUS MONITORING	BRAKE PEDAL STATUS MONITORING	TACHOMETER STATUS MONITORING	HORN CTRL
NISSAN	Altima PTS AT	19-22	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Qashqai PTS AT	17-23	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rogue PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rogue PTS AT	17	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rogue PTS AT	18-20	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rogue Sport PTS AT	17-22	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
INFINITI	QX50 PTS AT	19-21	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

BOX CONTENTS

MODULE



6 PIN WHITE CONNECTOR



7 PIN WHITE CONNECTOR



3 PIN WHITE CONNECTOR



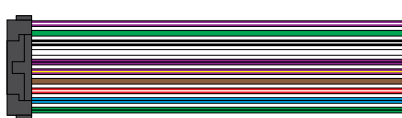
3 PIN BLUE CONNECTOR



4 PIN BLACK CONNECTOR



10 PIN BLACK CONNECTOR



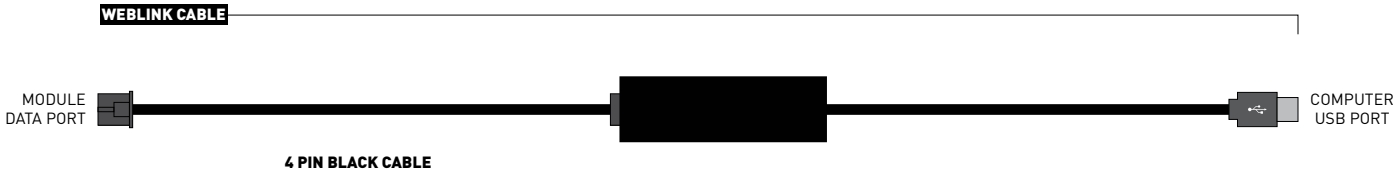
DATA CABLE 1



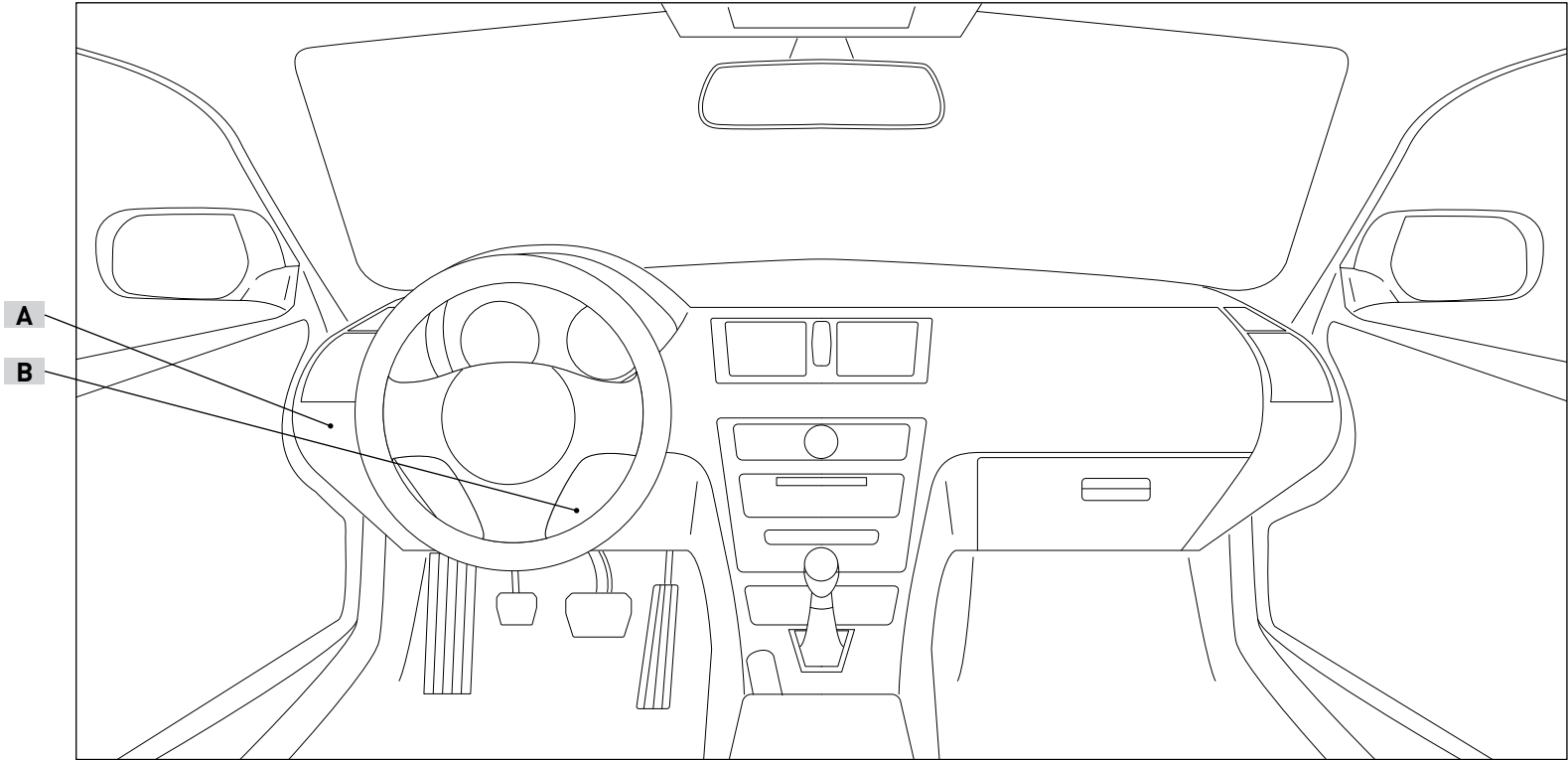
DATA CABLE 2



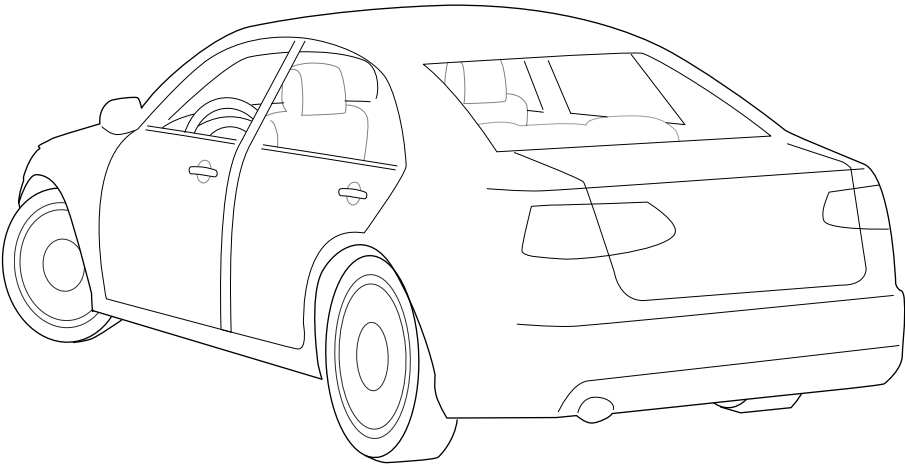
WEBLINK CABLE (required accessory sold separately)



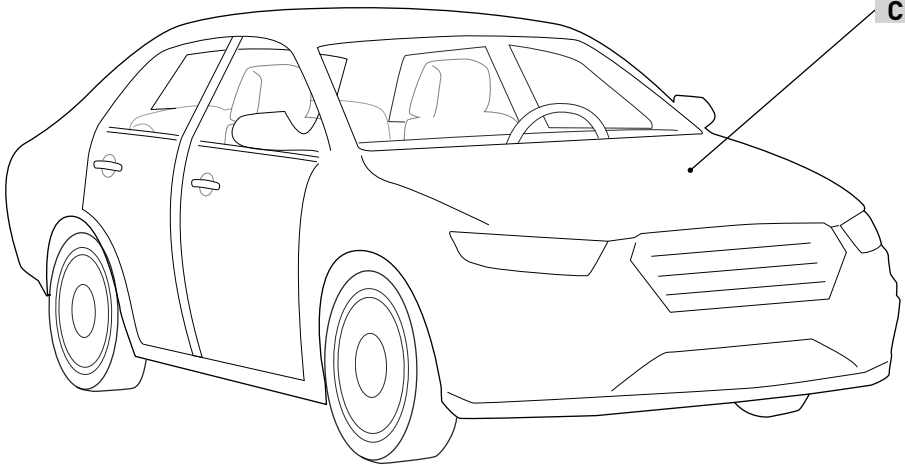
INTERIOR VIEW



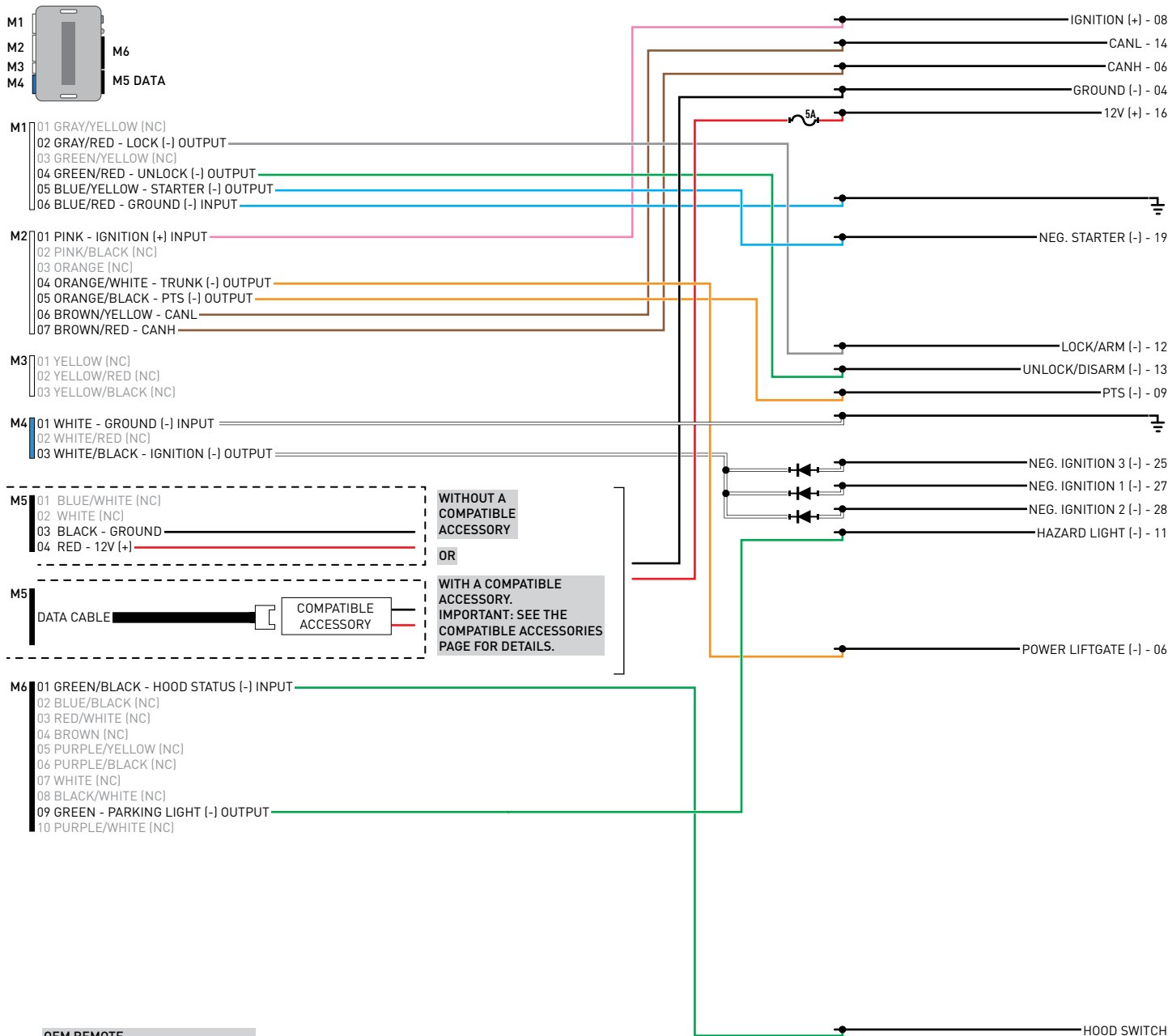
DRIVER SIDE VIEW



PASSENGER SIDE VIEW



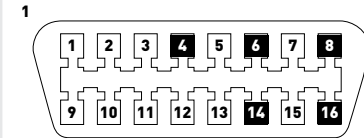
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
NISSAN	Rogue PTS AT	14-16	CanH	OBDII	White	16 pin	06	Blue	[DATA]	At OBDII connector	B
			CanL	OBDII	White	16 pin	14	Pink	[DATA]	At OBDII connector	B
			PTS	M19	Black	40 pin	09	Yellow	[-]	At BCM	A
			Ignition	OBDII	White	16 pin	08	Yellow	[+]	At OBDII connector	B
			12V	OBDII	White	16 pin	16	White	[+]	At OBDII connector	B
			Unlock	M19	Black	40 pin	13	Pink	[-]	At BCM	A
			Lock	M19	Black	40 pin	12	Brown	[-]	At BCM	A
			Power Liftgate	~	Green	08 pin	06	LtGreen	[-]	At switch, on lower dash panel	A
			Ground	OBDII	White	16 pin	04	Black	[-]	At OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Green	[-]	At BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Yellow	[-]	At BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	LtPurple/White or Green/White	[-]	At BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Brown	[-]	At BCM	A
			Hazard Light	M18	Gray	40 pin	11	Yellow	[-]	At BCM	A



OEM REMOTE
REMAINS FUNCTIONAL
DURING REMOTE START SEQUENCE

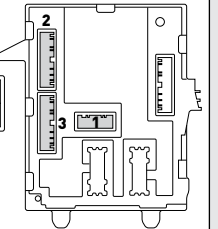
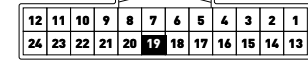
INSTALL THE SUPPLIED HOOD SWITCH IF
THE VEHICLE IS NOT EQUIPPED WITH ONE.

OBDDII CONNECTOR (UNDER DRIVER SIDE DASH)

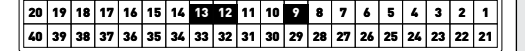


BCM (LEFT OF STEERING COLUMN)

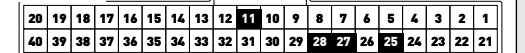
1 : E29 BLACK



2 : M19 BLACK

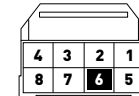


3 : M18 GRAY



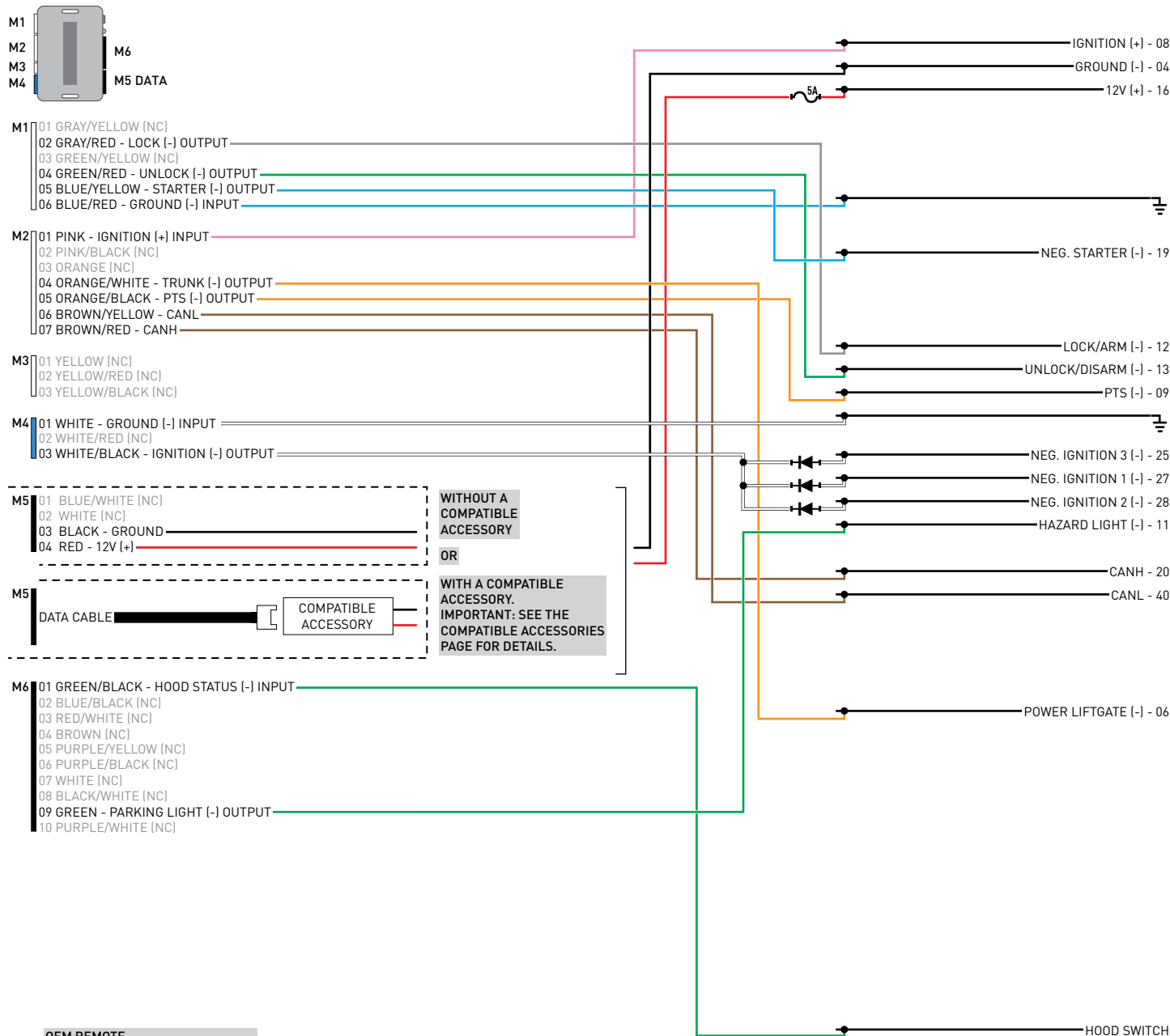
POWER LIFTGATE SWITCH

GREEN



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
NISSAN	Qashqai PTS AT	17-23	CanH	~	Green	40 pin	20	Blue or Lavender/Blue	[DATA]	BCM	A
			CanL	~	Green	40 pin	40	Pink or Lavender/Pink	[DATA]	BCM	A
			PTS	M19	Black	40 pin	09	Red	(-)	BCM	A
			Ignition	OBDII	White	16 pin	08	Yellow	(+)	OBDII connector	B
			12V	OBDII	White	16 pin	16	White	(+)	OBDII connector	B
			Unlock	M19	Black	40 pin	13	Pink	(-)	BCM	A
			Lock	M19	Black	40 pin	12	Brown	(-)	BCM	A
			Power Liftgate	~	Green	08 pin	06	LtGreen	(-)	At switch, on lower dash panel	A
			Ground	OBDII	White	16 pin	04	Black	(-)	OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Blue	(-)	BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Lavender/Green	(-)	BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	Lavender/Blue	(-)	BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Lavender/Pink	(-)	BCM	A
			Hazard Light	M18	Gray	40 pin	11	Lavender/Yellow	(-)	BCM	A
	Rogue PTS AT	17	CanH	~	Green	40 pin	20	Blue	[DATA]	BCM	A
			CanL	~	Green	40 pin	40	Pink	[DATA]	BCM	A
			PTS	M19	Black	40 pin	09	Yellow	(-)	BCM	A
			Ignition	OBDII	White	16 pin	08	Yellow	(+)	OBDII connector	B
			12V	OBDII	White	16 pin	16	White	(+)	OBDII connector	B
			Unlock	M19	Black	40 pin	13	Pink	(-)	BCM	A
			Lock	M19	Black	40 pin	12	Brown	(-)	BCM	A
			Power Liftgate	~	Green	08 pin	06	LtGreen	(-)	At switch, on lower dash panel	A
			Ground	OBDII	White	16 pin	04	Black	(-)	OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Green	(-)	BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Yellow	(-)	BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	LtPurple/White or Green/White	(-)	BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Brown	(-)	BCM	A
			Hazard Light	M18	Gray	40 pin	11	Yellow	(-)	BCM	A

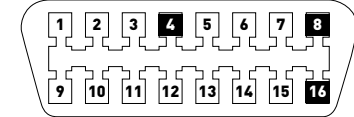
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
NISSAN	Rogue Sport PTS AT	17-22	CanH	~	Green	40 pin	20	Blue or Lavender/Blue	[DATA]	At BCM	A
			CanL	~	Green	40 pin	40	Pink or Lavender/Pink	[DATA]	At BCM	A
			PTS	M19	Black	40 pin	09	Red	[-]	At BCM	A
			Ignition	OBDII	White	16 pin	08	Yellow	[+]	At OBDII connector	B
			12V	OBDII	White	16 pin	16	White	[+]	At OBDII connector	B
			Unlock	M19	Black	40 pin	13	Pink	[-]	At BCM	A
			Lock	M19	Black	40 pin	12	Brown	[-]	At BCM	A
			Power Liftgate	~	Green	08 pin	06	LtGreen	[-]	At switch, on lower dash panel	A
			Ground	OBDII	White	16 pin	04	Black	[-]	At OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Blue	[-]	At BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Lavender/Green	[-]	At BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	Lavender/Blue	[-]	At BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Lavender/Pink	[-]	At BCM	A
			Hazard Light	M18	Gray	40 pin	11	Lavender/Yellow	[-]	At BCM	A



OEM REMOTE
REMAINS FUNCTIONAL
DURING REMOTE START SEQUENCE

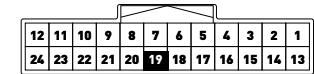
INSTALL THE SUPPLIED HOOD SWITCH IF
THE VEHICLE IS NOT EQUIPPED WITH ONE.

OBDII CONNECTOR (UNDER DRIVER SIDE DASH)

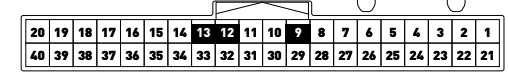


BCM (LEFT OF STEERING COLUMN)

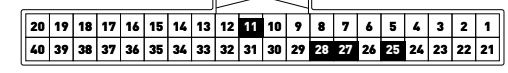
1: E29 BLACK



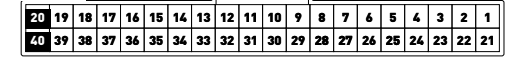
2: M19 BLACK



3: M18 GRAY

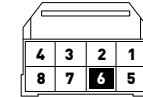


4: GREEN

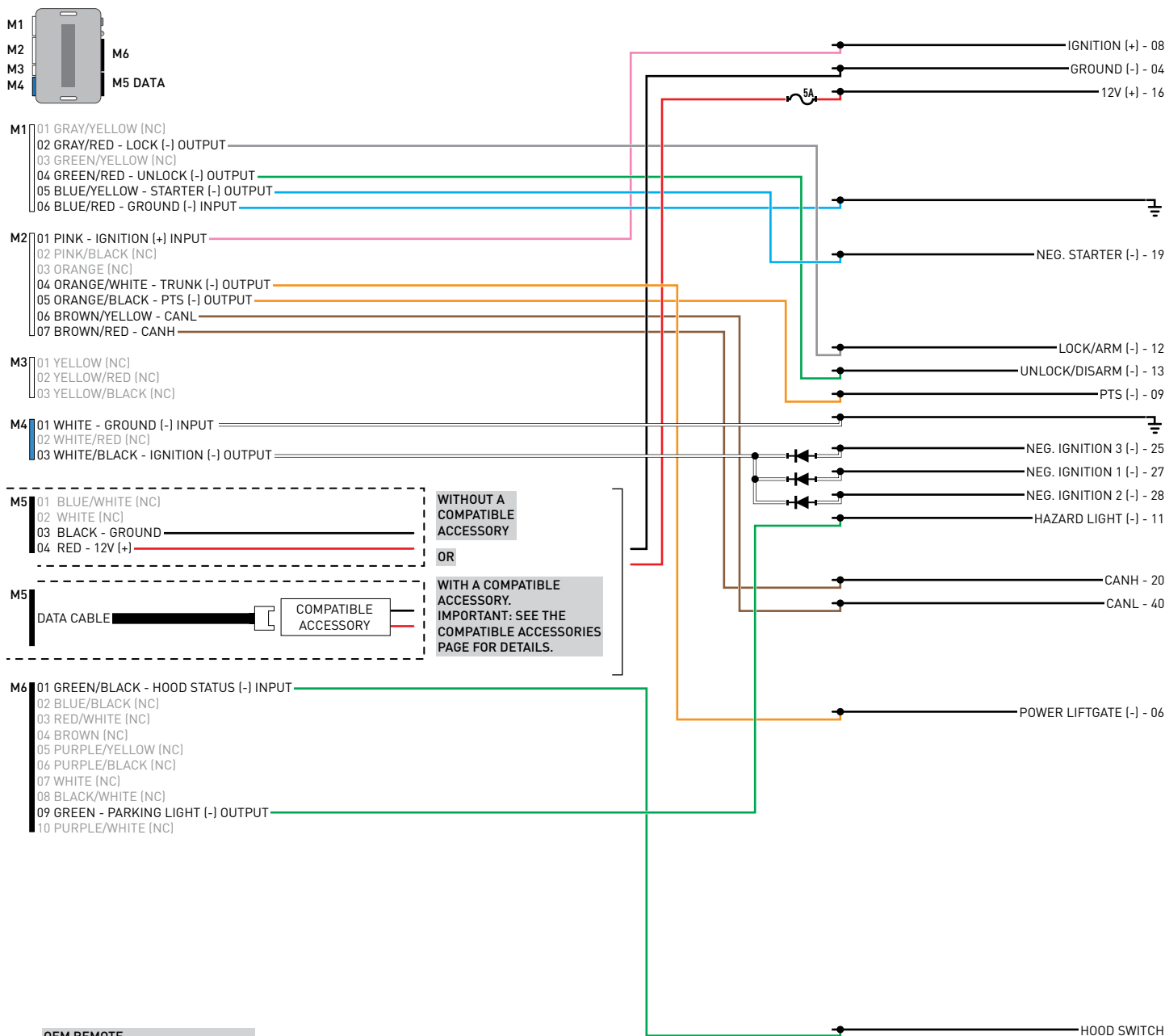


POWER LIFTGATE SWITCH

GREEN



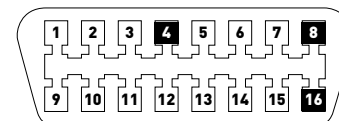
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
NISSAN	Rogue PTS AT	18-20	CanH	~	Green	40 pin	20	Blue	(DATA)	BCM	A
			CanL	~	Green	40 pin	40	Pink	(DATA)	BCM	A
			PTS	M19	Black	40 pin	09	Yellow	(-)	BCM	A
			Ignition	OBDII	White	16 pin	08	Yellow	(+)	OBDII connector	B
			12V	OBDII	White	16 pin	16	White	(+)	OBDII connector	B
			Unlock	M19	Black	40 pin	13	Pink	(-)	BCM	A
			Lock	M19	Black	40 pin	12	Brown	(-)	BCM	A
			Power Liftgate	~	Green	08 pin	06	LtGreen	(-)	At switch, on lower dash panel	A
			Ground	OBDII	White	16 pin	04	Black	(-)	OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Green	(-)	BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Yellow	(-)	BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	LtPurple/White or Green/White	(-)	BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Brown	(-)	BCM	A
			Hazard Light	M18	Gray	40 pin	11	Yellow	(-)	BCM	A



OEM REMOTE
REMAINS FUNCTIONAL
DURING REMOTE START SEQUENCE

INSTALL THE SUPPLIED HOOD SWITCH IF
THE VEHICLE IS NOT EQUIPPED WITH ONE.

OBDII CONNECTOR (UNDER DRIVER SIDE DASH)

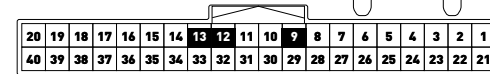


BCM (LEFT OF STEERING COLUMN)

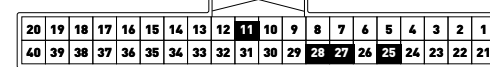
1: E29 BLACK



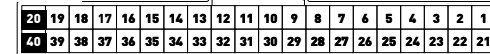
2: M19 BLACK



3: M18 GRAY

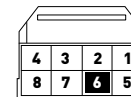


4: GREEN

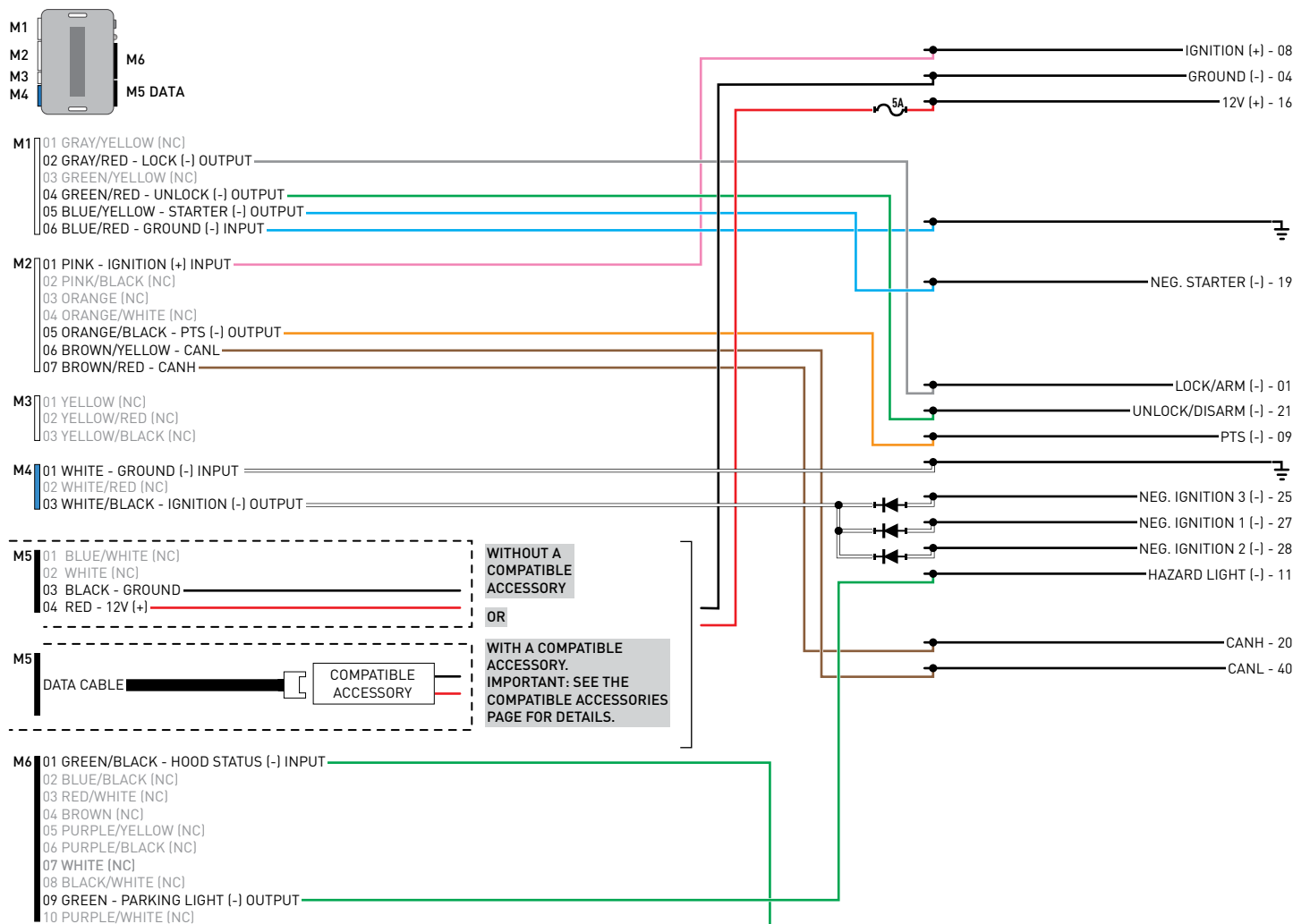


POWER LIFTGATE SWITCH

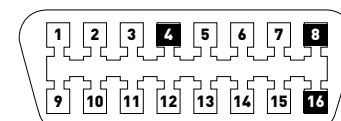
GREEN



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
INFINITI	QX50 PTS AT	19-21	CanH	~	Green	40 pin	20	Blue	(DATA)	BCM	A
			CanL	~	Green	40 pin	40	Pink	(DATA)	BCM	A
			PTS	M19	Black	40 pin	09	Yellow	(-)	BCM	A
			Ignition	OBDII	White	16 pin	08	White	(+)	OBDII connector	B
			12V	OBDII	White	16 pin	16	Yellow	(+)	OBDII connector	B
			Unlock	M19	Black	40 pin	21	Pink	(-)	BCM	A
			Lock	M19	Black	40 pin	01	Brown	(-)	BCM	A
			Ground	OBDII	White	16 pin	04	Black	(-)	OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Green	(-)	BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Yellow	(-)	BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	White or LtPurple/White	(-)	BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Brown	(-)	BCM	A
			Hazard Light	M18	Gray	40 pin	11	Yellow	(-)	BCM	A

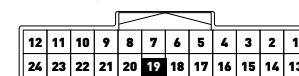


OBDII CONNECTOR (UNDER DRIVER SIDE DASH)



BCM (LEFT OF STEERING COLUMN)

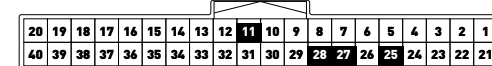
1 : E29 BLACK



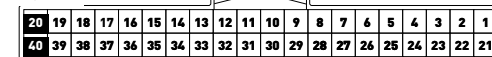
2 : M19 BLACK



3 : M18 GRAY



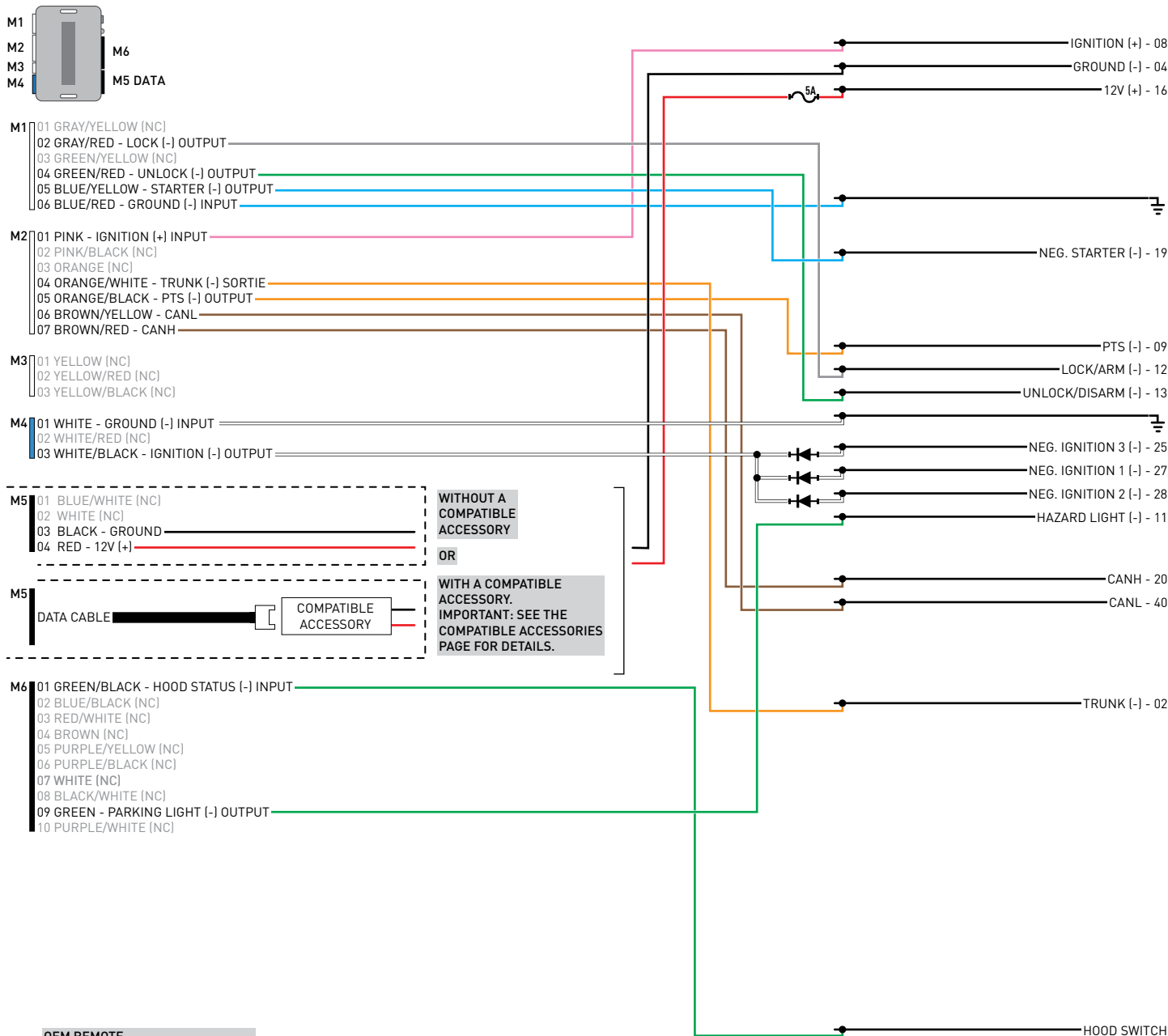
4 : GREEN



OEM REMOTE
REMAINS FUNCTIONAL
DURING REMOTE START SEQUENCE

INSTALL THE SUPPLIED HOOD SWITCH IF
THE VEHICLE IS NOT EQUIPPED WITH ONE.

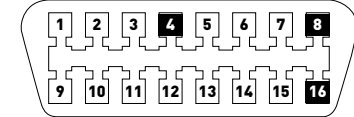
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
NISSAN	Altima PTS AT	19-22	CanH	~	Green	40 pin	20	Blue	(DATA)	BCM	A
			CanL	~	Green	40 pin	40	Pink	(DATA)	BCM	A
			PTS	M19	Black	40 pin	09	Yellow	(-)	BCM	A
			Ignition	OBDII	White	16 pin	08	Tan	(+)	OBDII connector	B
			12V	OBDII	White	16 pin	16	Blue	(+)	OBDII connector	B
			Unlock	M19	Black	40 pin	13	Empty or Pink	(-)	BCM	A
			Lock	M19	Black	40 pin	12	Empty or Brown	(-)	BCM	A
			Trunk release	~	Gray	04 pin	02	Brown	(-)	At switch, on lower dash panel	~
			Ground	OBDII	White	16 pin	04	Black	(-)	OBDII connector	B
			Negative Starter	E29	Black	24 pin	19	Red	(-)	BCM	A
			Negative Ignition 1	M18	Gray	40 pin	27	Yellow	(-)	BCM	A
			Negative Ignition 2	M18	Gray	40 pin	28	White/LtGreen	(-)	BCM	A
			Negative Ignition 3	M18	Gray	40 pin	25	Brown	(-)	BCM	A
			Hazard Light	M18	Gray	40 pin	11	White/Yellow	(-)	BCM	A



OEM REMOTE
REMAINS FUNCTIONAL
DURING REMOTE START SEQUENCE

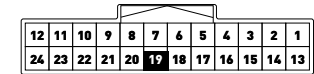
INSTALL THE SUPPLIED HOOD SWITCH IF
THE VEHICLE IS NOT EQUIPPED WITH ONE.

OBDII CONNECTOR (UNDER DRIVER SIDE DASH)

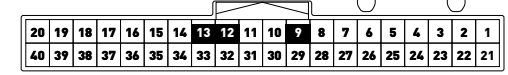


BCM (LEFT OF STEERING COLUMN)

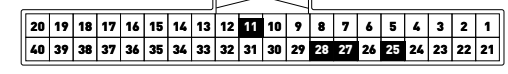
1: E29 BLACK



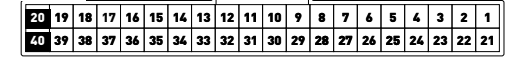
2: M19 BLACK



3: M18 GRAY



4: GREEN



TRUNK RELEASE SWITCH

1: GRAY



01



Set ignition to ON position.

02



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

03



Set ignition to OFF position.

04



Wait, LED 1 will turn OFF.

05



Set ignition to ON position.

06



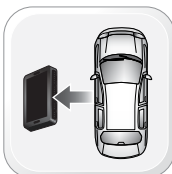
If LED 1 flashes GREEN rapidly, proceed with step 7. If LED 1 turns solid GREEN for 2 seconds, proceed with step 13.

07



Set ignition to OFF position.

08



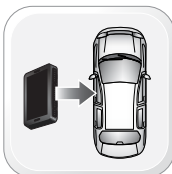
WARNING: Disconnect power last. Disconnect module from vehicle.

09



Connect module to computer and proceed with extended programming.

10



Connect power first. Connect module to vehicle.

11



Set ignition to ON position.

12



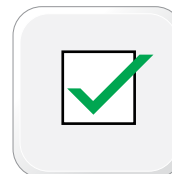
Wait, LED 1 will turn solid GREEN for 2 seconds.

13



Set ignition to OFF position.

14

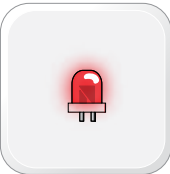


Module Programming Procedure completed.

>>  WARNING: Program aftermarket remotes before usage. A maximum of four [4x] aftermarket remotes per system.

01  Time restriction. Complete next step within 7 seconds.

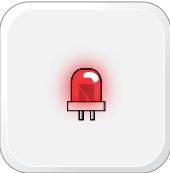
02  Cycle ignition ON five times [5x OFF/ON] rapidly.

03  LED 1 will turn solid RED.

04  Time restriction. Complete next step within 2 seconds from previous step.

05  Press once [1x] on LOCK button of aftermarket remote.

06  LED 1 will flash GREEN once [1x].

07  LED 1 will turn solid RED.

>>  To program additional remotes: repeat steps 4 to 7 using each additional remote.

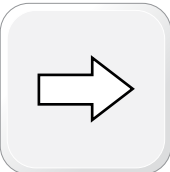
08  Wait, LED 1 will turn OFF.

09  Set ignition to OFF position.

10  Aftermarket Remote Programming Procedure completed.

>>  It is mandatory to exit the Module Navigation at the end of this procedure. Failure to exit the Module Navigation will drain vehicle battery. To exit the Module Navigation at any time: Follow STEP 13.

>>  Module must be programmed to the vehicle.

>>  Use the Module Navigation Chart on the next page.

01  Set ignition to OFF position.

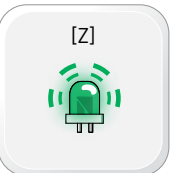
02  TO ACCESS THE MENUS: Press and hold programming button until LED 1 turns solid GREEN.

03  IN THE MENUS: Press the programming button as many times as the menu number indicates. LED 1 will flash GREEN an equal amount of times continuously.

04  TO ACCESS THE OPTIONS: Press and hold programming button until LED 1 turns solid RED.

05  IN THE OPTIONS: Press the programming button as many times as the option number indicates. LED 1 will flash RED an equal amount of times continuously.

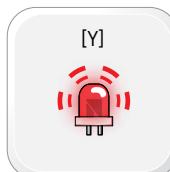
06  TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.

07  LED 1 will flash GREEN as many times as the current (or default) setting number, continuously.

08  IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

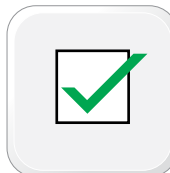
09  To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.

10  To save and return to the OPTIONS: Press and hold programming button until LED 1 turns solid RED.

11  LED 1 will flash RED as many times as the current option number continuously.

12  Configure every other setting and proceed to step 13.

13  MANDATORY: EXIT MODULE NAVIGATION. Press and hold programming button for 7 seconds. LED 1 will flash RED rapidly. Release programming button. LED 1 will turn OFF.

14  Module navigation completed.

>>  Failure to exit the Module Navigation will drain vehicle battery.

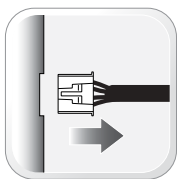
MODULE NAVIGATION CHART: NOTES	[X] MENUS	[Y] OPTIONS	[Z] SETTINGS
I Default settings are listed in bold. II Make sure the option is covered on the vehicle before attempting to change the setting.	01	CONFIGURATION	01 DISARM/UNLOCK BEFORE START
			02 RELOCK AFTER START
			03 RELOCK AFTER SHUTDOWN
			04 FORCE UNLOCK ALL ON FIRST PRESS
			05 N/A
			06 N/A
			07 FACTORY KEYLESS RS SEQUENCE
			08 MODULE RUN TIME
			09 WAIT TO START DELAY
			10-12 N/A
			01 N/A
			01 N/A
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 OFF
			02 ON
			01 N/A
			01 N/A
			01 DISABLE
			02 N/A
			03 LOCK + UNLOCK + LOCK
			04 LOCK + LOCK + LOCK
			01 03 MIN
			02 05 MIN
			03 10 MIN
			04 15 MIN
			05 25 MIN
			06 30 MIN
			07 35 MIN
			08 15 MIN
			01 02 SEC
			02 05 SEC
			03 08 SEC
			04 10 SEC
			05 15 SEC
			06 20 SEC
			07 25 SEC
			08 30 SEC
			01 N/A
			01 N/A
	02-07	Technical Support only	01 N/A

*Vehicle will shutdown when a door is opened.

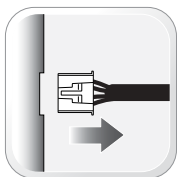
REMOTE STARTER ERROR CODES: NOTES	PARKING LIGHT FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system. II After a remote starter failure, the parking lights will flash [X] number times to indicate an error code. See table.	03	Foot brake is ON.
	04	Hood is open.
	05	Vehicle failed to remote start.
	06	System is in Valet Mode.
	07	Vehicle movement detected (VSS).
	08	Glow plug timeout error.
	09	RS not synchronized. Start vehicle with OEM key for 15 sec before trying a new RS sequence.
	10	Low fuel level.
	11	Emergency brake signal was lost.
	12	Door is open.
	13	Trunk is open.
	14	Vehicle movement detected (VSS).
	15	Key is in ignition ON position.
	16	CAN communication failure during RS sequence.

TEST MODULE		LED 1 STATUS	DIAGNOSTIC
I	DURING PROGRAMMING	Flashing RED	Missing/wrong information from firmware or vehicle.
		Solid RED	Module waiting for more vehicle information.
		Flashing GREEN	Additional steps required to complete module programming.
		Solid GREEN then OFF	Module correctly programmed.
		OFF	No activity or module already programmed.
II	DURING REMOTE START	Flashing RED	Module incorrectly programmed.
		Solid RED	Module incorrectly programmed.
		Flashing GREEN	Module correctly programmed and operational.
		Solid GREEN then OFF	Reset in progress.
		OFF	Invalid ground when running status from remote starter.
III	WITH IGNITION OFF	Flashing RED	Module incorrectly programmed or connected.
		Solid RED	Module not programmed. Waiting for more vehicle information.
		Flashing GREEN	False ground when running status from remote starter.
		Solid GREEN then OFF	Reset in progress.
		OFF	Module at rest and ready for a remote start sequence.

- 01** Disconnect all connectors from module except the BLACK 4-PIN connector.



- 02** Disconnect the BLACK 4-PIN connector.



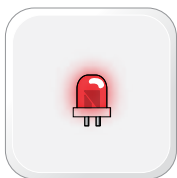
- 03** PRESS AND HOLD programming button while connecting the BLACK 4-PIN connector.



- 04** Wait, LED 1 will flash RED. RELEASE programming button.



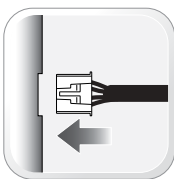
- 05** LED 1 will turn RED for 2 seconds.



- 06** Module RESET completed.



- 07** Reconnect all connectors.



- 08** Repeat programming procedure.



- >>** Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.



>>



All vehicle doors must be closed and locked prior to remote start sequence.

01



Time restriction. Complete steps 2 to 5 within 45 seconds.

02



Press unlock on OEM or aftermarket remote or request switch.

03



Open driver door and enter vehicle.

04



Close driver door.

05



Press and release BRAKE pedal.

06



Take over procedure completed.

>>



Failure to follow procedure will result in vehicle engine shutdown.

CHECKLIST	
1	WARNING: Vehicle engine will start many times. Test in a well ventilated area.
2	Close all vehicle doors, hood and trunk.
3	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	Question 1: Does the vehicle remote start?
☐	YES: Go to next step.
☐	NO: The module doesn't detect OEM remote lock button from the vehicle communication network. Check all connections, repeat the test and call technical support, if the problem persists.
4	Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down vehicle.
	Question 2: Does the vehicle shut down?
☐	YES: Go to next step.
☐	NO: Repeat step. If the problem persists, press on the brake pedal once [1x] to shut down the vehicle and call technical support.
5	RAP Shutdown test
	Question 3: Did the radio, interior controls, and headlights turn off within 60 seconds after remote start shutdown?
☐	YES: Go to next step.
☐	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support, if the problem persists.
6	Open hood.
7	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
8	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	Question 4: Does the vehicle remote start?
☐	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
☐	NO: Go to next step.
9	Close hood.
10	Enter vehicle and close the doors.
11	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
12	Wait for the vehicle to start.
13	Press brake pedal.
	Question 5: Does the vehicle shut down?
☐	YES: Go to next step.
☐	NO: The module does NOT detect the brake pedal signal. Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down, check the brake connection as illustrated in the wiring diagram, if applicable, and call technical support.
14	Exit vehicle.
15	Installation checklist completed.