INSTALL GUIDE

OEM-AL(RS)-TL7-[ADS-ALCA]-EN

DOCUMENT NUMBER
41068

REVISION DATE
20170714

FIRMWARE
OEM-AL(RS)-TL7-[ADS-ALCA]

HARDWARE
ADS-ALCA

ACCESSORIES
ADS-USB (REQUIRED)

NOTICE The manufacturer will accept no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. Please review the Installation Guide carefully before beginning any work.

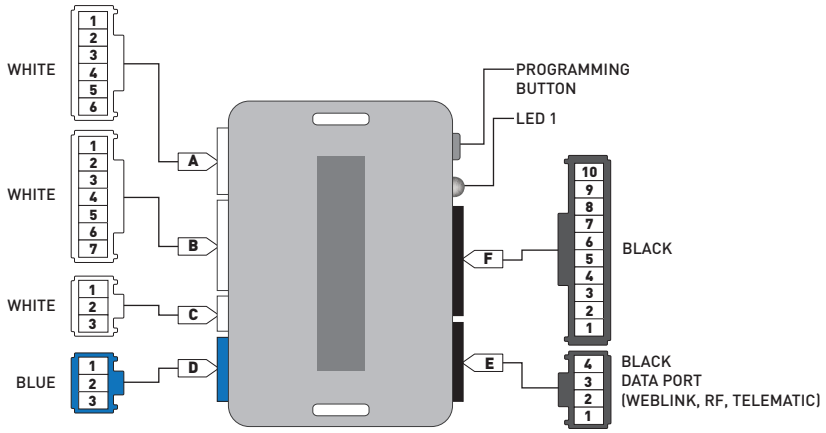
BEFORE INSTALLATION
1- Connect module to computer
2- Login to Weblink account
3- Flash firmware to module (module is not preloaded with firmware)
4- Use accessories accordingly (accessories are sold separately)

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES																
				DATA IMMOBILIZER BYPASS	3X LOCK START/STANDALONE MOD.	PUSH TO START CTRL	ARM OEM ALARM	DISARM OEM ALARM	A/M ALARM CTRL FROM OEM REMOTES	A/M RS CTRL FROM OEM REMOTES	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT*	TACHOMETER OUTPUT	BRAKE PEDAL STATUS OUTPUT	E-BRAKE OUTPUT
LEXUS	IS200t PTS AT	16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS200t PTS AT	17	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS250 PTS AT	14-15	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS300 PTS AT	16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS300 PTS AT	17	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS350 PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS350 PTS AT	17	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	NX200T PTS AT	15-17	6	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•
	NX300h PTS AT	17	6	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•
	RC350 PTS AT	15-17	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RX350 PTS AT	16-17	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RX450h PTS AT	17	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LX570 PTS AT	16-17	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TOYOTA	C-HR PTS AT	18	5	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Highlander PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Highlander PTS AT	17	5	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Highlander Hybrid PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Highlander Hybrid PTS AT	17	5	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Land Cruiser PTS AT	16-17	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prius PTS AT	16-17	4	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
	Tacoma PTS AT	16-17	1	•	•	•	•	•	•	•	•	•	•		•		•	•	•	•

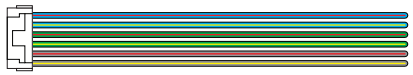
*Available only if vehicle is equipped with factory hood switch.

BOX CONTENTS

MODULE



6 PIN WHITE CONNECTOR



7 PIN WHITE CONNECTOR

3 PIN WHITE CONNECTOR

3 PIN BLUE CONNECTOR

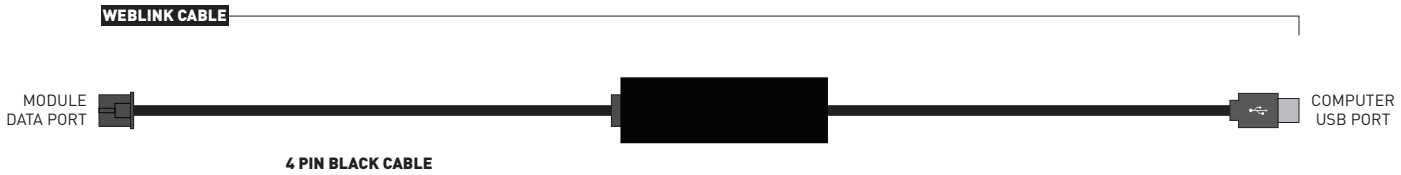
4 PIN BLACK CONNECTOR

10 PIN BLACK CONNECTOR

DATA CABLE 1

DATA CABLE 2

WEBLINK CABLE (required accessory sold separately)



WARNING: DOOR LOCK SYNCHRONIZATION

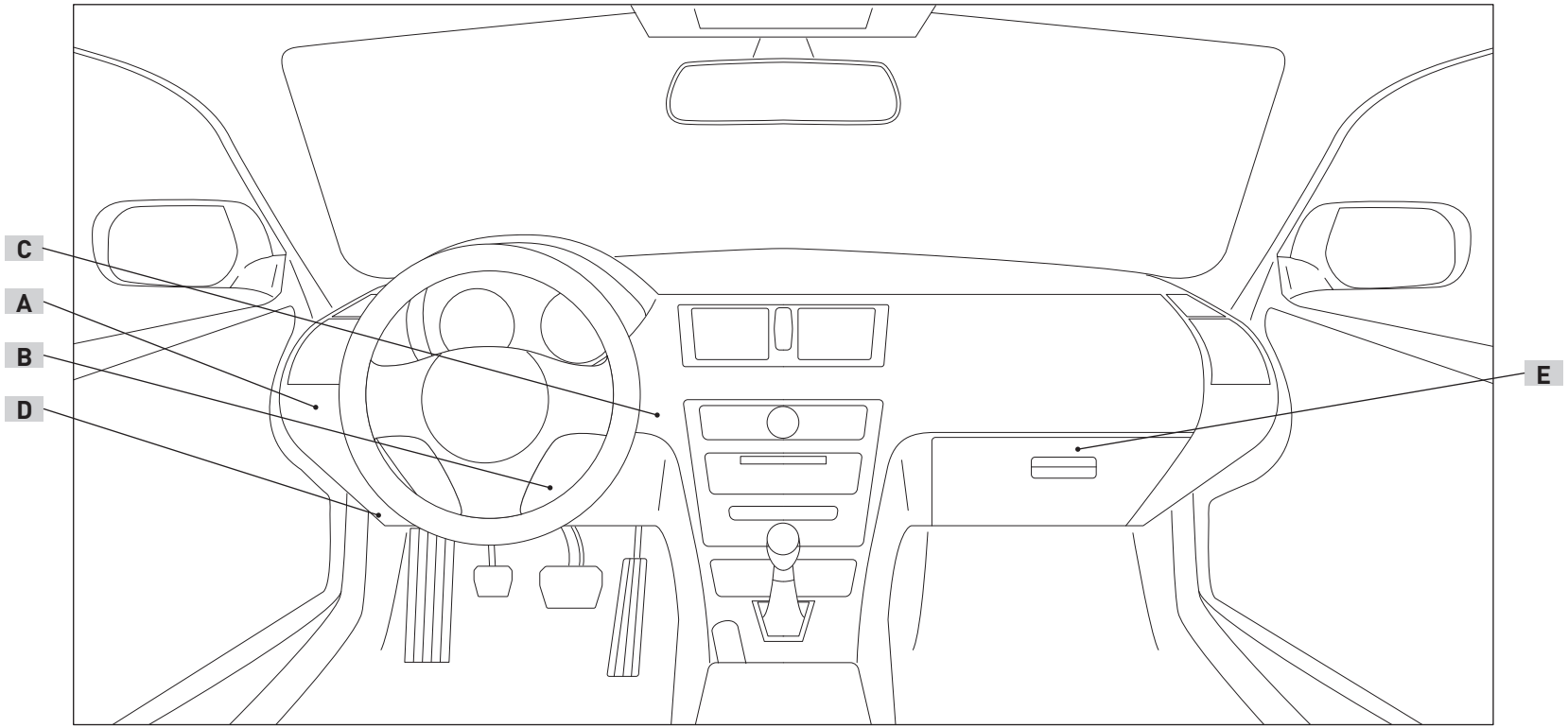
The door lock signal is encrypted on select models. In order for the bypass to operate properly, it must be synchronized with that encrypted signal. However, when the vehicle is driven, data is sent along the bus that desynchronizes the bypass with the encryption.

To regain synchronization once the engine is shut off, the bypass must see the factory keyless codes (OEM remote or proximity lock/unlock codes). This solution will resynchronize automatically upon seeing the first factory keyless code and will operate normally (both convenience and immobilizer bypass/remote starter functionality).

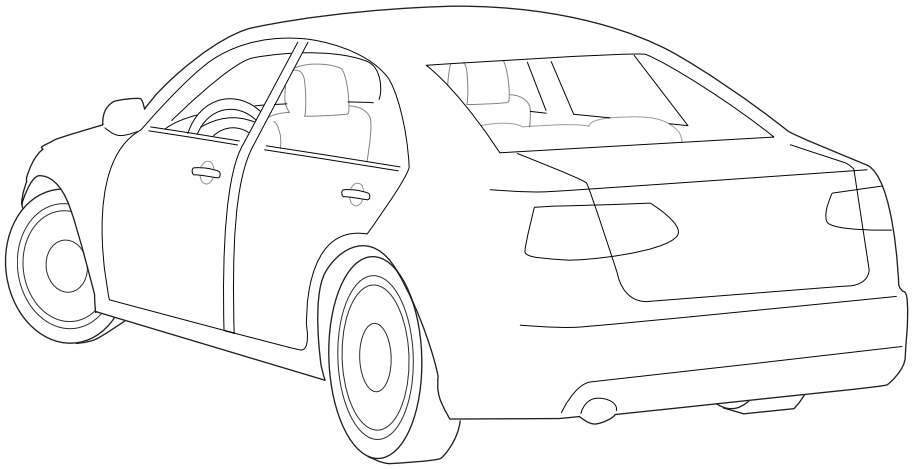
Conversely, if the vehicle is driven and the factory keyless system is not used to lock or unlock, the aftermarket remote will not be able to lock or unlock until the bypass receives factory keyless code at least once as described above.

Finally, as factory keyless operates normally during remote start with this solution and take-over is not supported, a one-button remote control is a very good choice for these vehicles in order to prevent any possible user issues.

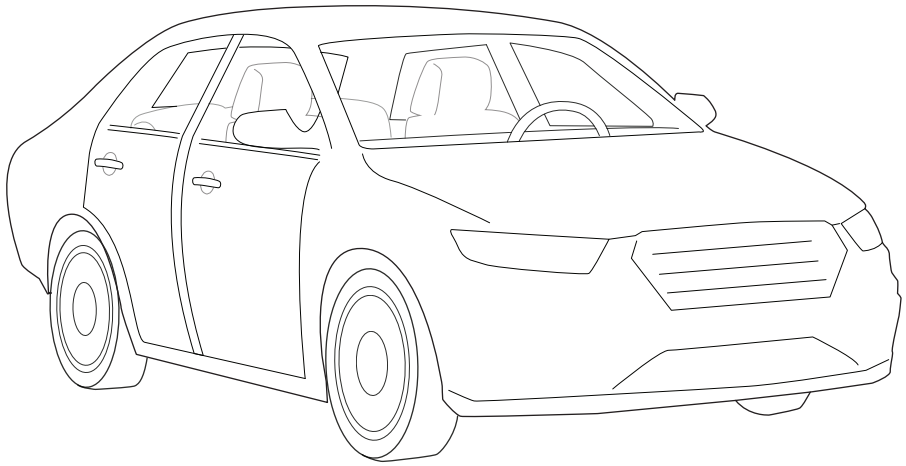
INTERIOR VIEW



DRIVER SIDE VIEW

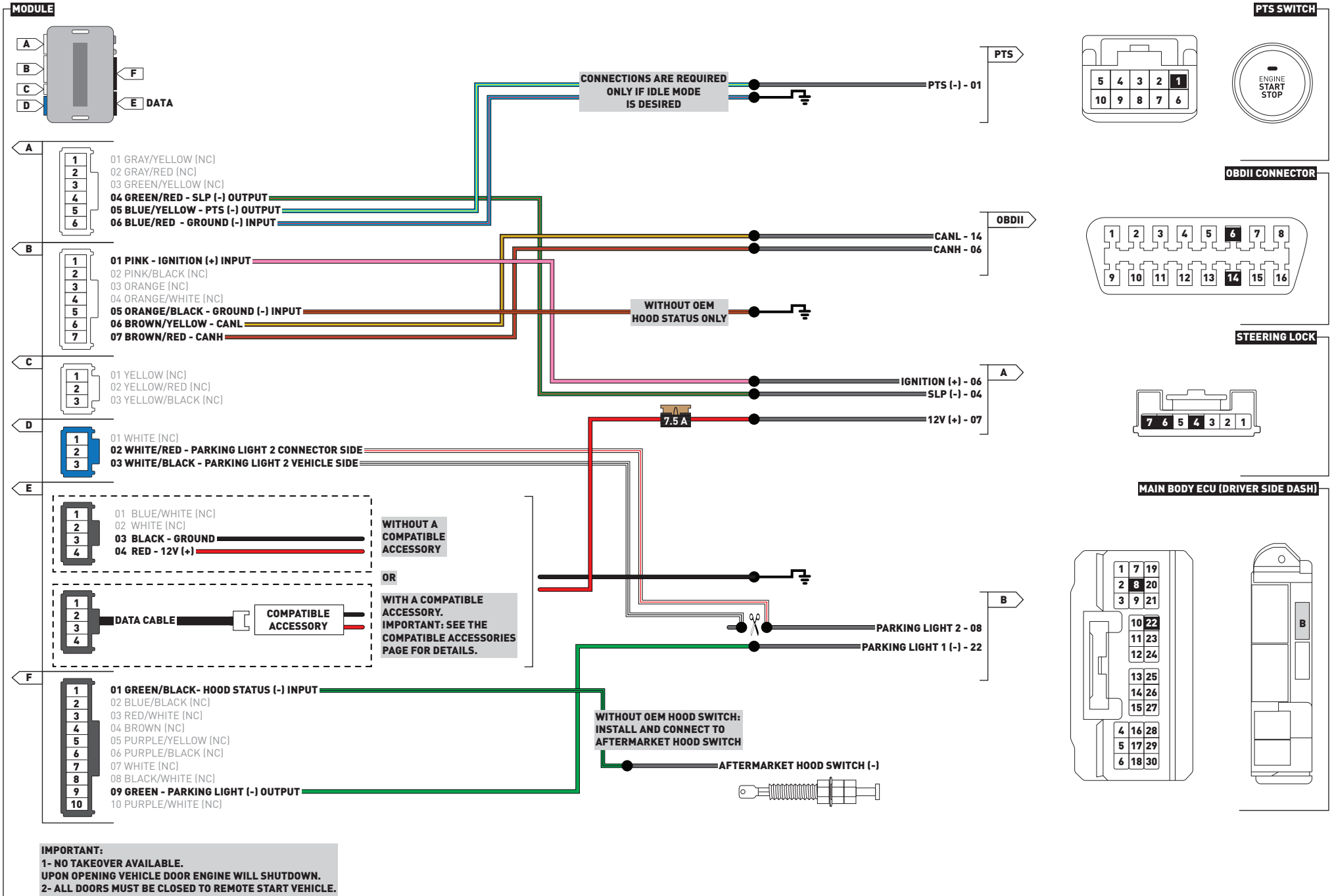


PASSENGER SIDE VIEW



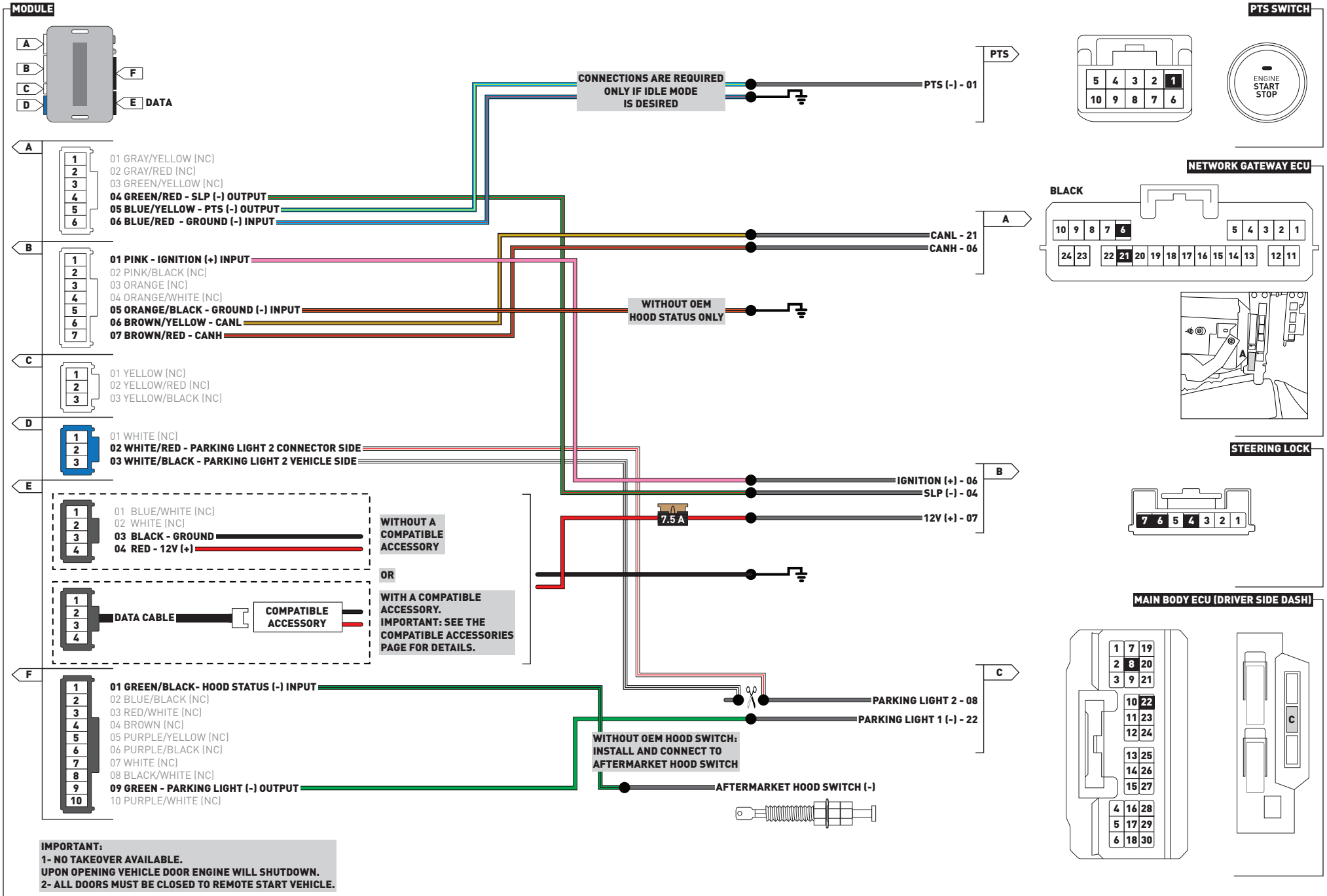
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	IS200t PTS	16	CanH	N20	Black	16 pin	06	White	(DATA)	OBDII connector	D
			CanL	N20	Black	16 pin	14	Black	(DATA)	OBDII connector	D
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A
	IS250 PTS	14-15	CanH	N20	Black	16 pin	06	White	(DATA)	OBDII connector	D
			CanL	N20	Black	16 pin	14	Black	(DATA)	OBDII connector	D
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A
	IS300 PTS	16	CanH	N20	Black	16 pin	06	White	(DATA)	OBDII connector	D
			CanL	N20	Black	16 pin	14	Black	(DATA)	OBDII connector	D
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A
	IS350 PTS	14-16	CanH	N20	Black	16 pin	06	White	(DATA)	OBDII connector	D
			CanL	N20	Black	16 pin	14	Black	(DATA)	OBDII connector	D
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	RC350 PTS	15-17	CanH	N20	Black	16 pin	06	White	(DATA)	OBDII connector	D
			CanL	N20	Black	16 pin	14	Black	(DATA)	OBDII connector	D
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A
TOYOTA	Highlander PTS	14-16	CanH	F25	White	16 pin	06	Purple	(DATA)	OBDII connector	D
			CanL	F25	White	16 pin	14	White	(DATA)	OBDII connector	D
			12V	F54	Black	07 pin	07	Black	(+)	Steering lock	B
			Ignition	F54	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	F54	Black	07 pin	04	LtGreen	(-)	Steering lock	B
			PTS	F49	Black	10 pin	01	Purple	(-)	PTS button	C
			Parking Light 2	K2	White	30 pin	08	Black	~	Main Body ECU	A
			Parking Light 1	K2	White	30 pin	22	LtGreen	(-)	Main Body ECU	A
	Highlander Hybrid PTS	14-16	CanH	F25	White	16 pin	06	Purple	(DATA)	OBDII connector	D
			CanL	F25	White	16 pin	14	White	(DATA)	OBDII connector	D
			12V	F54	Black	07 pin	07	Black	(+)	Steering lock	B
			Ignition	F54	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	F54	Black	07 pin	04	LtGreen	(-)	Steering lock	B
			PTS	F49	Black	10 pin	01	Purple	(-)	PTS button	C
			Parking Light 2	K2	White	30 pin	08	Black	~	Main Body ECU	A
			Parking Light 1	K2	White	30 pin	22	LtGreen	(-)	Main Body ECU	A
	Tacoma PTS	16-17	CanH	~	White	16 pin	06	Blue	(DATA)	OBDII connector	D
			CanL	~	White	16 pin	14	White	(DATA)	OBDII connector	D
			12V	~	Black	07 pin	07	Red	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Gray	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	White	~	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Green	(-)	Main Body ECU	A

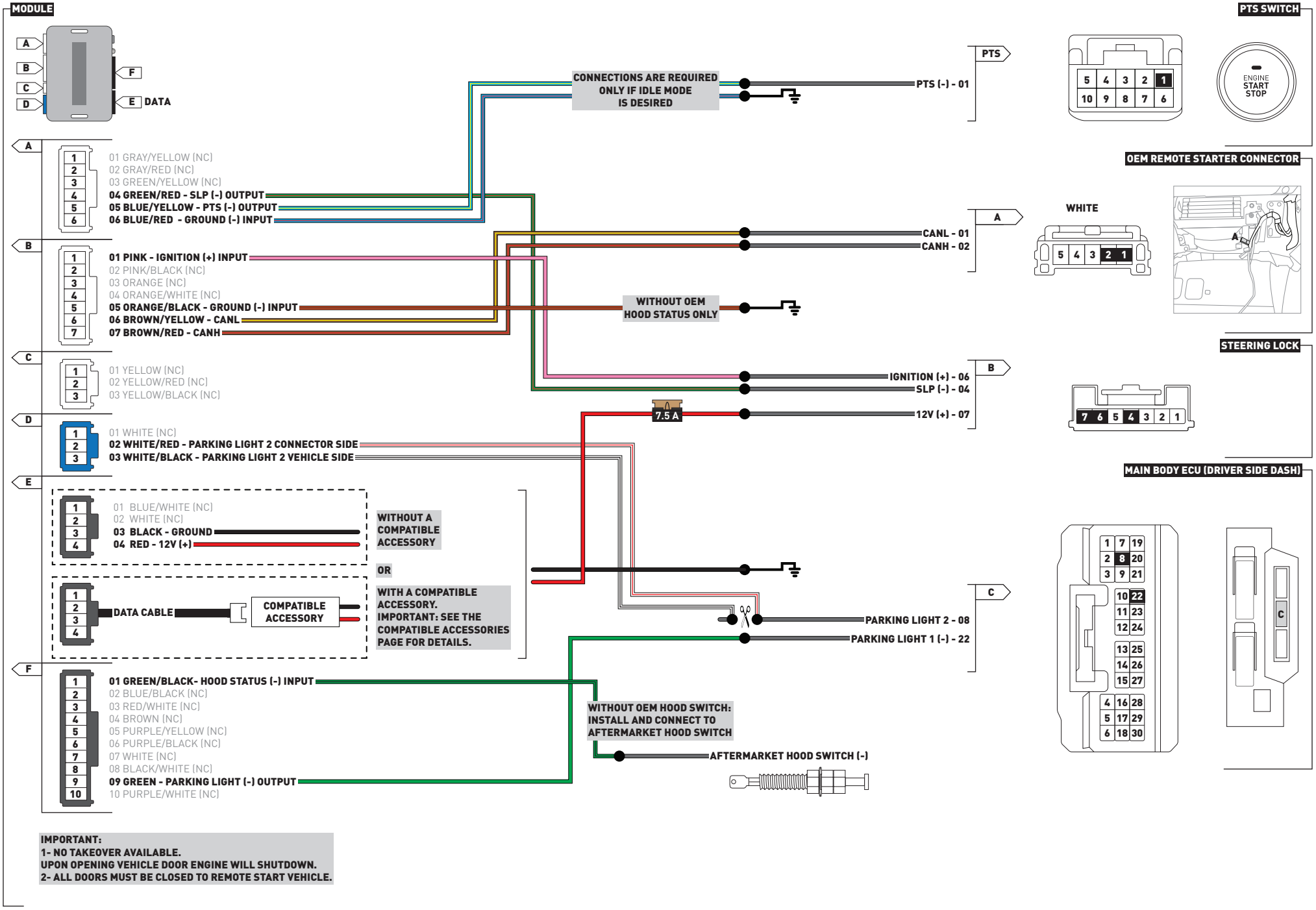


IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	RX350 PTS	16-17	CanH	~	Black	24 pin	06	LtBlue	(DATA)	Network Gateway ECU, behind glovebox	E
			CanL	~	Black	24 pin	21	White	(DATA)	Network Gateway ECU, behind glovebox	E
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Gray	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Purple	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	Green	(-)	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Purple	(-)	Main Body ECU	A
	RX450h PTS	17	CanH	~	Black	24 pin	06	LtBlue	(DATA)	Network Gateway ECU, behind glovebox	E
			CanL	~	Black	24 pin	21	White	(DATA)	Network Gateway ECU, behind glovebox	E
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Gray	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Purple	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	Green	(-)	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Purple	(-)	Main Body ECU	A



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	LX570 PTS	16-17	CanH	~	White	05 pin	06	Tan	(DATA)	OEM remote starter connector, behind glovebox	E
			CanL	~	White	05 pin	21	Gray	(DATA)	OEM remote starter connector, behind glovebox	E
			12V	~	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	Pink	(-)	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Black	(-)	Main Body ECU	A
TOYOTA	Land Cruiser PTS	16-17	CanH	~	White	05 pin	06	Tan	(DATA)	OEM remote starter connector, behind glovebox	E
			CanL	~	White	05 pin	21	Gray	(DATA)	OEM remote starter connector, behind glovebox	E
			12V	~	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	Pink	(-)	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Black	(-)	Main Body ECU	A



IMPORTANT:
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UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
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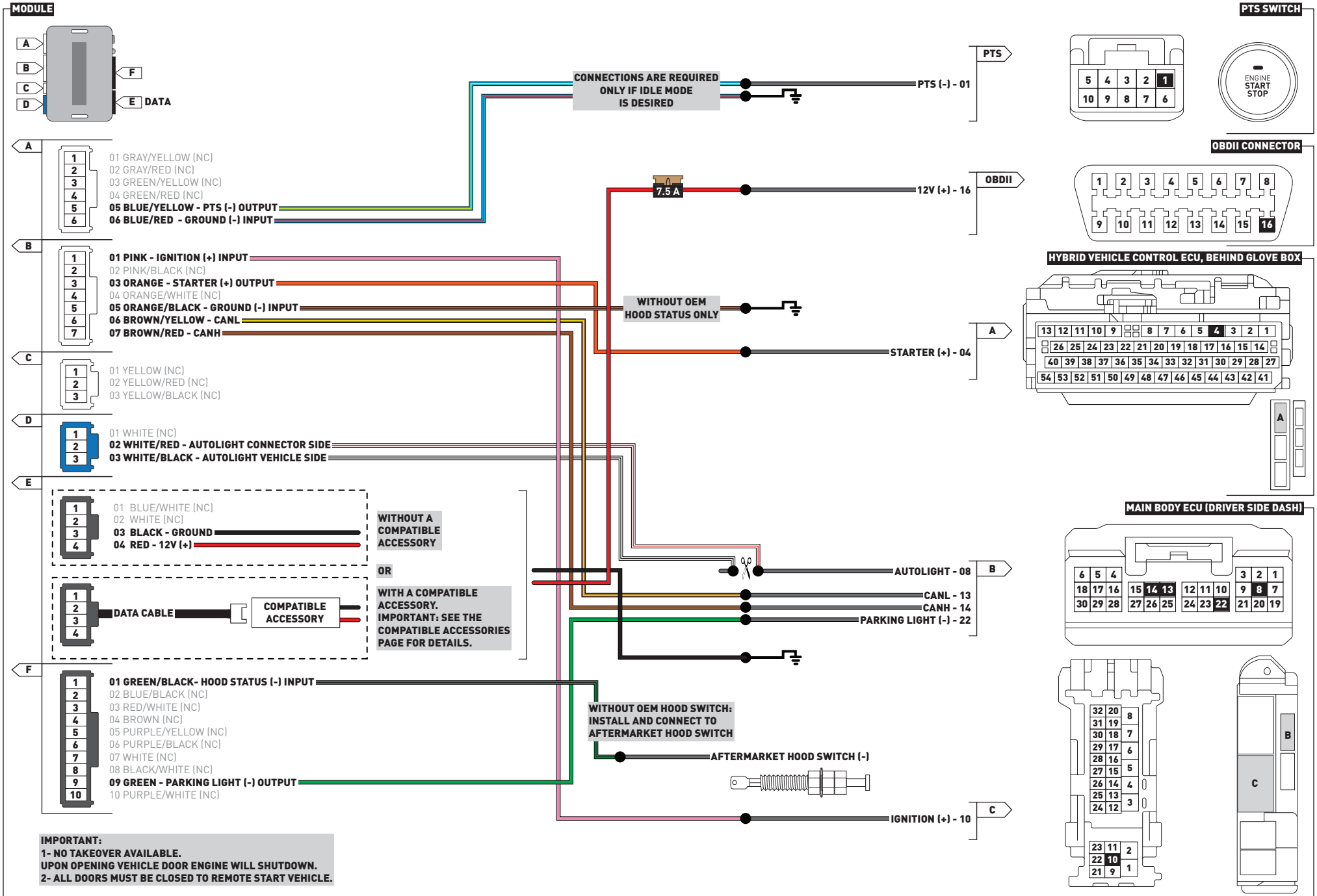
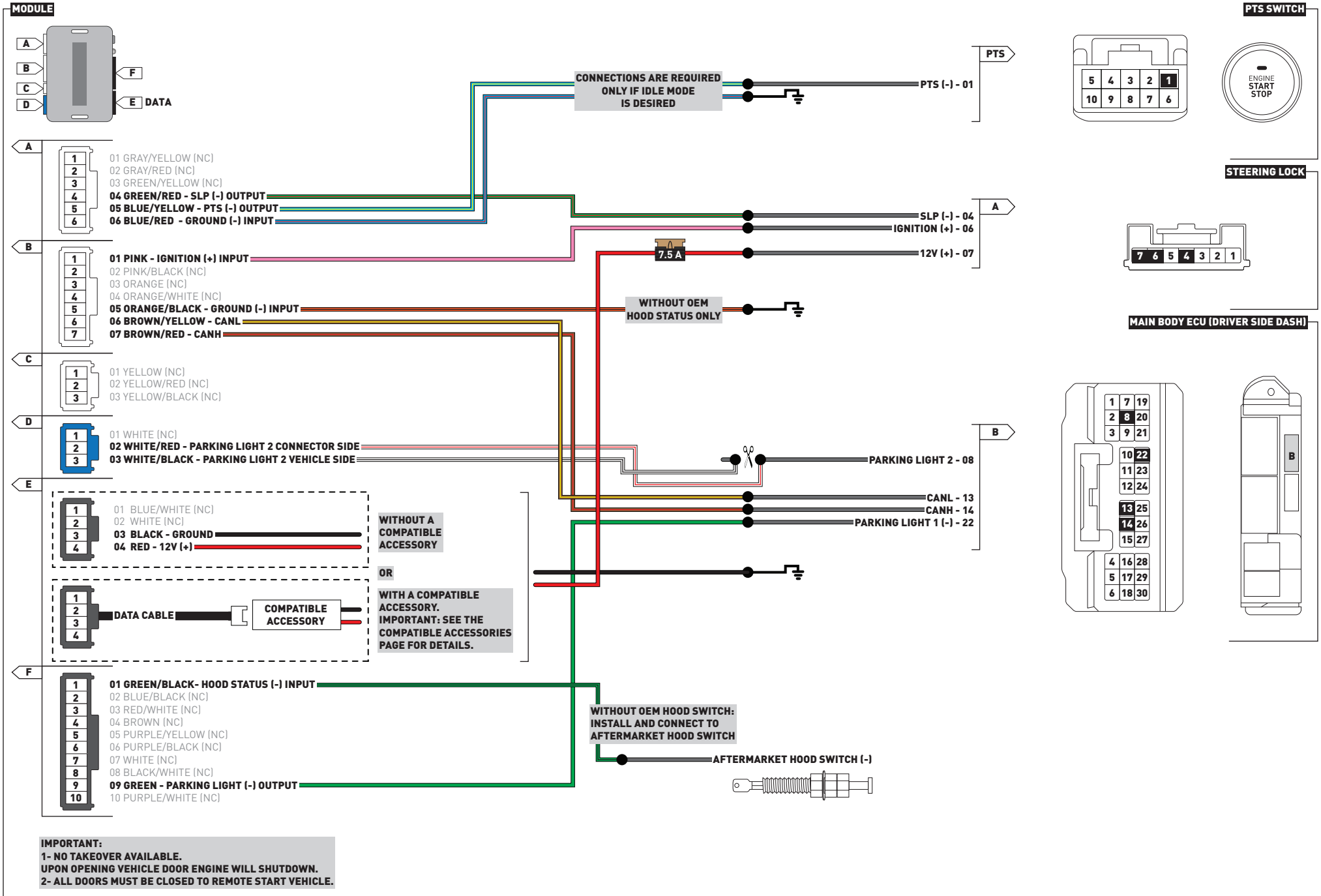
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Prius PTS	16-17	CanH	~	White	30 pin	14	LtBlue	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			12V	~	White	16 pin	16	Purple	(+)	OBDII connector	D
			Ignition	~	White	32 pin	10	Purple	(+)	Dash fuse box	A
			Starter	~	Black	54 pin	04	Black	(+)	Hybrid vehicle control ECU, behind glove box	E
			PTS	~	Black	10 pin	01	Green	(-)	PTS button	C
			Auto light	~	White	30 pin	08	Black	(-)	Main Body ECU	A
			Parking Light	~	White	30 pin	22	Tan	(-)	Main Body ECU	A



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	C-HR PTS AT	18	CanH	~	White	30 pin	14	Green	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	LtBlue	(DATA)	Main Body ECU	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Green	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Gray	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	White	~	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Yellow	(-)	Main Body ECU	A
	Highlander / Highlander Hybrid PTS AT	17	CanH	K2	White	30 pin	14	Red	(DATA)	Main Body ECU	A
			CanL	K2	White	30 pin	13	White	(DATA)	Main Body ECU	A
			12V	F54	Black	07 pin	07	Black	(+)	Steering lock	B
			Ignition	F54	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	F54	Black	07 pin	04	LtGreen	(-)	Steering lock	B
			PTS	F49	Black	10 pin	01	Purple	(-)	PTS button	C
			Parking Light 2	K2	White	30 pin	08	Black	~	Main Body ECU	A
			Parking Light 1	K2	White	30 pin	22	LtGreen	(-)	Main Body ECU	A
LEXUS	IS200t PTS AT	17	CanH	F19	White	30 pin	14	Yellow	(DATA)	Main Body ECU	A
			CanL	F19	White	30 pin	13	Black	(DATA)	Main Body ECU	A
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A
	IS300 PTS AT	17	CanH	F19	White	30 pin	14	Yellow	(DATA)	Main Body ECU	A
			CanL	F19	White	30 pin	13	Black	(DATA)	Main Body ECU	A
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	IS350 PTS AT	17	CanH	F19	White	30 pin	14	Yellow	(DATA)	Main Body ECU	A
			CanL	F19	White	30 pin	13	Black	(DATA)	Main Body ECU	A
			12V	N24	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	N24	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	N24	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS	N46	Black	10 pin	01	Blue	(-)	PTS button	C
			Parking Light 2	F19	White	30 pin	08	Pink	~	Main Body ECU	A
			Parking Light 1	F19	White	30 pin	22	Black	(-)	Main Body ECU	A



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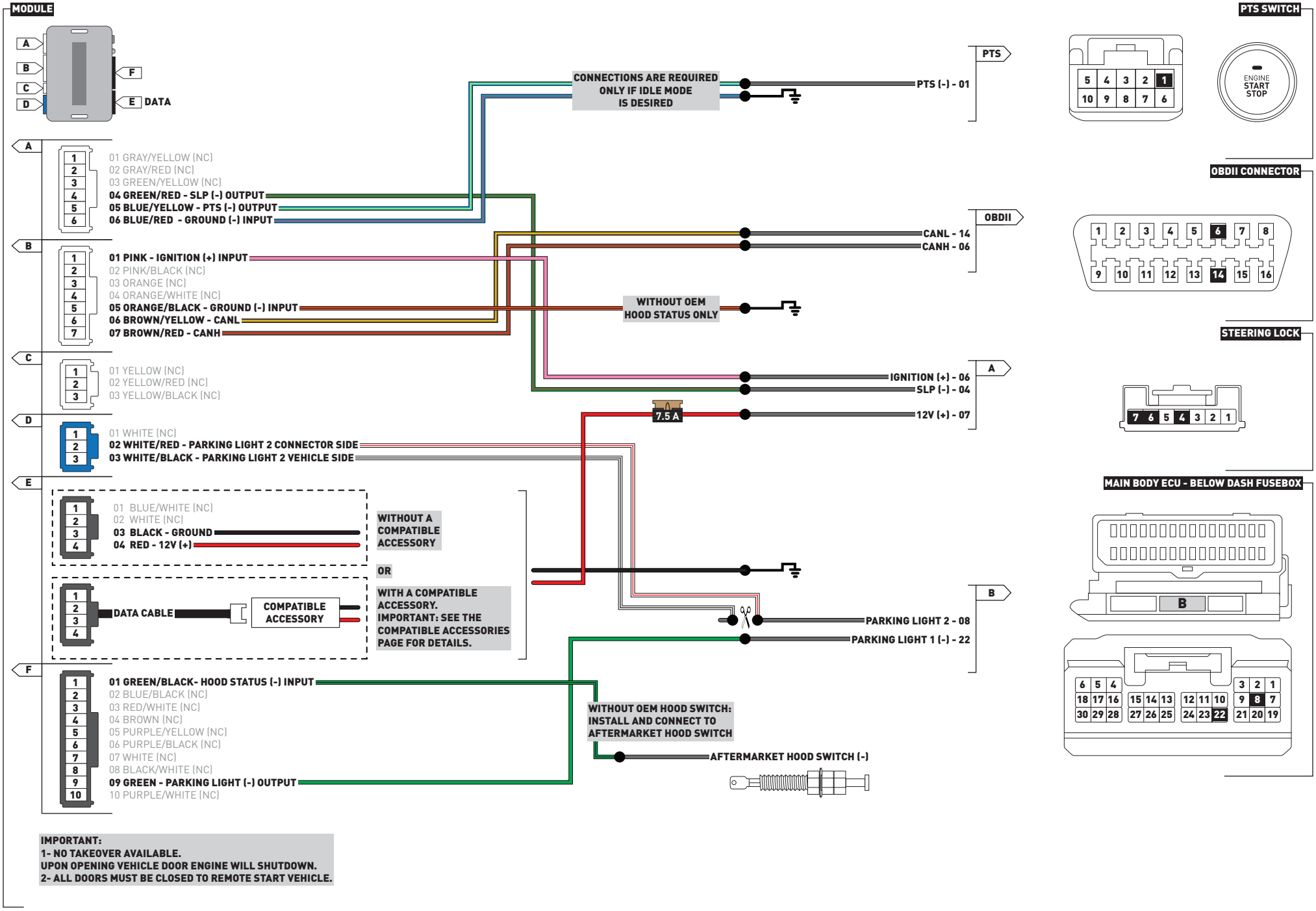
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	NX200T PTS	15-17	CanH	OBDII	White	16 pin	06	Black	(DATA)	OBDII connector	D
			CanL	OBDII	White	16 pin	14	White	(DATA)	OBDII connector	D
			12V	I2	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	I2	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	I2	Black	07 pin	04	Yellow	(-)	Steering lock	B
			PTS	I16	Black	10 pin	01	Green	(-)	PTS button	C
			Parking Light 2	I48	White	30 pin	08	Green	~	Main Body ECU, below dash fusebox	D
			Parking Light 1	I48	White	30 pin	22	Pink	(-)	Main Body ECU, below dash fusebox	D
	NX300h PTS	17	CanH	OBDII	White	16 pin	06	Black	(DATA)	OBDII connector	D
			CanL	OBDII	White	16 pin	14	White	(DATA)	OBDII connector	D
			12V	I2	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	I2	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	I2	Black	07 pin	04	Yellow	(-)	Steering lock	B
			PTS	I16	Black	10 pin	01	Green	(-)	PTS button	C
			Parking Light 2	I48	White	30 pin	08	Green	~	Main Body ECU, below dash fusebox	D
			Parking Light 1	I48	White	30 pin	22	Pink	(-)	Main Body ECU, below dash fusebox	D



IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

01 

Push start button twice [2x] to ON position.

02 

Wait, if LED turns solid GREEN for 2 seconds, proceed to step 7. If LED flashes GREEN rapidly, proceed to step 3.

03 

Push start button once [1x] to OFF position.

04 

Wait, LED will turn solid RED. (This may take up to 5 minutes.)

05 

Push start button twice [2x] to ON position.

06 

Wait, LED will turn solid GREEN for 2 seconds.

07 

Push start button once [1x] to OFF position.

08 

Module Programming Procedure completed.

>>

NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional. See RF kit user manual for alternate valet mode programming.

01

Time restriction. Complete next step within 7 seconds.

02

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

03

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

04

Set ignition to OFF position.

05

Valet Mode Programming Procedure completed.

>>

To exit valet mode: repeat steps 1 to 5.

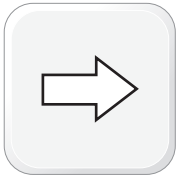
>>

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.

>>

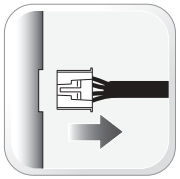
Failure to exit the Module Navigation will drain vehicle battery.

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	**01**	**OFF**
					02	ON
			02	RELOCK AFTER START	**01**	**OFF**
					02	ON
			03	RELOCK AFTER SHUTDOWN	**01**	**OFF**
					02	ON
			04	FORCE UNLOCK ALL ON FIRST PRESS	**01**	**OFF**
					02	ON
			05	N/A	01	N/A
			06	N/A	01	N/A
			07	FACTORY KEYLESS RS SEQUENCE	01	DISABLE
					02	N/A
					03	LOCK + UNLOCK + LOCK
					04	**LOCK + LOCK + LOCK**
			08	MODULE RUN TIME	01	03 MIN
					02	05 MIN
					03	10 MIN
					04	15 MIN
					05	25 MIN
					06	30 MIN
					07	35 MIN
					08	**15 MIN**
			09	WAIT TO START DELAY	**01**	**02 SEC**
					02	05 SEC
					03	08 SEC
					04	10 SEC
					05	15 SEC
					06	20 SEC
					07	25 SEC
					08	30 SEC
			10-12	N/A	01	N/A
	02-07	Technical Support only	01	N/A	01	N/A

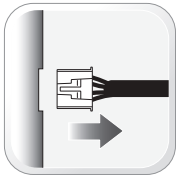
*Vehicle will shutdown when a door is opened.

REMOTE STARTER ERROR CODES: NOTES	[X] NUMBER OF 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	Engine tach signal is lost.
	06	System is in Valet Mode.
	07	Vehicle is moving (VSS).
	08	Glow plug timeout error.

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 

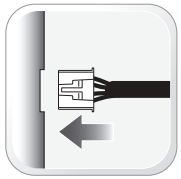
Wait, LED 1 will flash RED. RELEASE programming button.

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.

	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.