



INSTALL GUIDE

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

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20201118

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

HARDWARE
ADS-ALCA

ACCESSORIES
ADS-USB (REQUIRED)
COMPATIBLE RF-KIT (REQUIRED)



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)

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.

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES														
				DATA IMMOBILIZER BYPASS	3X LOCK START/STANDALONE MOD.	PUSH TO START CTRL	ARM OEM ALARM	DISARM OEM ALARM	PRIORITY UNLOCK**	DOOR LOCK**	DOOR UNLOCK**	TRUNK/HATCH RELEASE**	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT*	TACHOMETER OUTPUT	BRAKE PEDAL STATUS OUTPUT	
LEXUS	ES350 PTS AT	19-20	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS200t PTS AT	16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS200t PTS AT	17	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS250 PTS AT	14-15	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS300 PTS AT	16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS300 PTS AT	17-20	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS350 PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	IS350 PTS AT	17-20	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LC500 PTS AT	18-19	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LC500 PTS AT	20-21	20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LS500 PTS AT	18-19	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LX570 PTS AT	16-20	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	NX200T PTS AT	15-17	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	NX300h PTS AT	17-19	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	NX300 PTS AT	18-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	NX300 PTS AT	20	13	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RC200t PTS AT	16-17	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RC300 PTS AT	16-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RC350 PTS AT	15-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RC F PTS AT	15-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RX350 PTS AT	16-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RX350 PTS AT	20	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RX450h PTS AT	16-19	7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UX200 PTS AT	19	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UX250h PTS AT	19-20	9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

*Available only if vehicle is equipped with factory hood switch.
**See technical note on page 5.

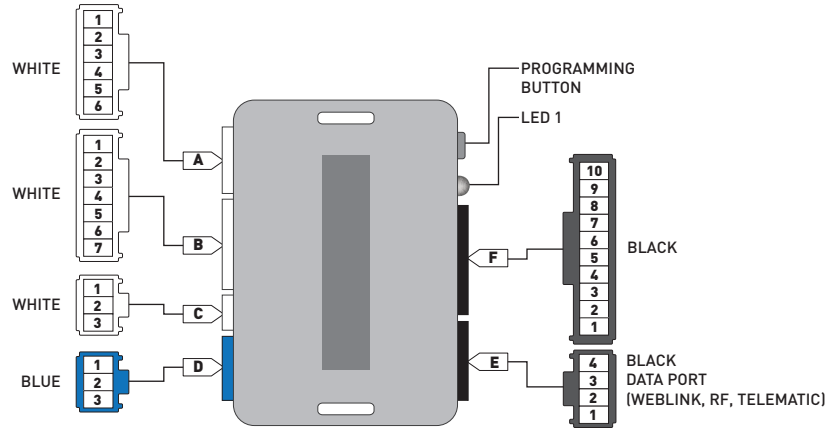
MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES														
				DATA IMMOBILIZER BYPASS	3X LOCK START/STANDALONE MOD.	PUSH TO START CTRL	ARM OEM ALARM	DISARM OEM ALARM	PRIORITY UNLOCK**	DOOR LOCK**	DOOR UNLOCK**	TRUNK/HATCH RELEASE**	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT*	TACHOMETER OUTPUT	BRAKE PEDAL STATUS OUTPUT	
TOYOTA	4Runner PTS AT	20-21	12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Avalon PTS AT	19	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Camry PTS AT	18-20	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Camry Hybrid PTS AT	18-19	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	C-HR PTS AT	18-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	C-HR PTS AT	20-21	14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Corolla PTS AT	20-21	19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Corolla Hatchback PTS AT	19	8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Corolla Hatchback PTS AT	20-21	19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Corolla Hybrid PTS AT	20	10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander PTS AT	17-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander PTS AT	20-21	17	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander Hybrid PTS AT	14-16	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander Hybrid PTS AT	17-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Highlander Hybrid PTS AT	20-21	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Land Cruiser PTS AT	16-20	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prius PTS AT	16-20	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prius Prime PTS AT	17-20	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rav4 PTS AT	19-21	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Sequoia PTS AT	20	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Tacoma PTS AT	16-19	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Tacoma PTS AT	20-21	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tundra PTS AT	20-21	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

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

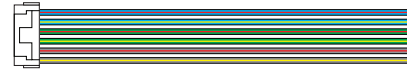
**See technical note on page 5.

BOX CONTENTS

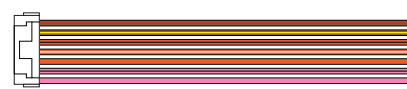
MODULE



6 PIN WHITE CONNECTOR



7 PIN WHITE CONNECTOR



3 PIN WHITE CONNECTOR



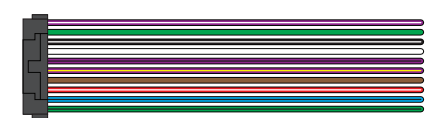
3 PIN BLUE CONNECTOR



4 PIN BLACK CONNECTOR



10 PIN BLACK CONNECTOR



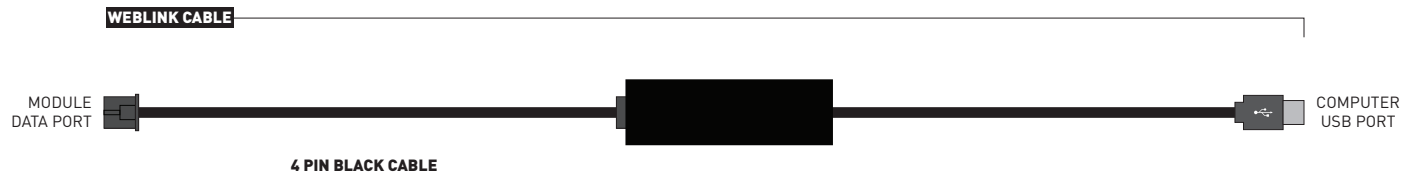
DATA CABLE 1



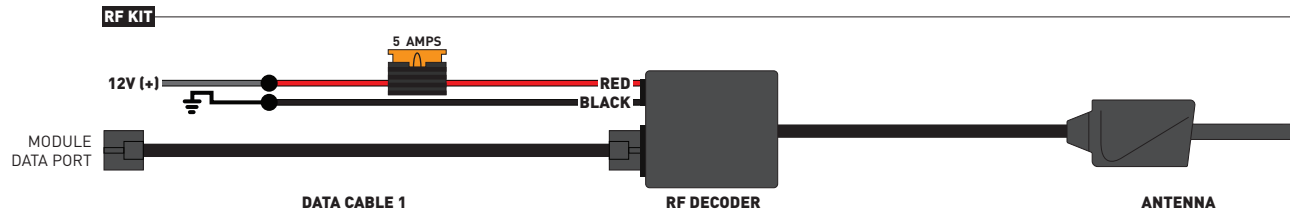
DATA CABLE 2



WEBLINK CABLE (required accessory sold separately)



RF KIT (accessories sold separately)



WARNING: DOOR LOCK SYNCHRONIZATION

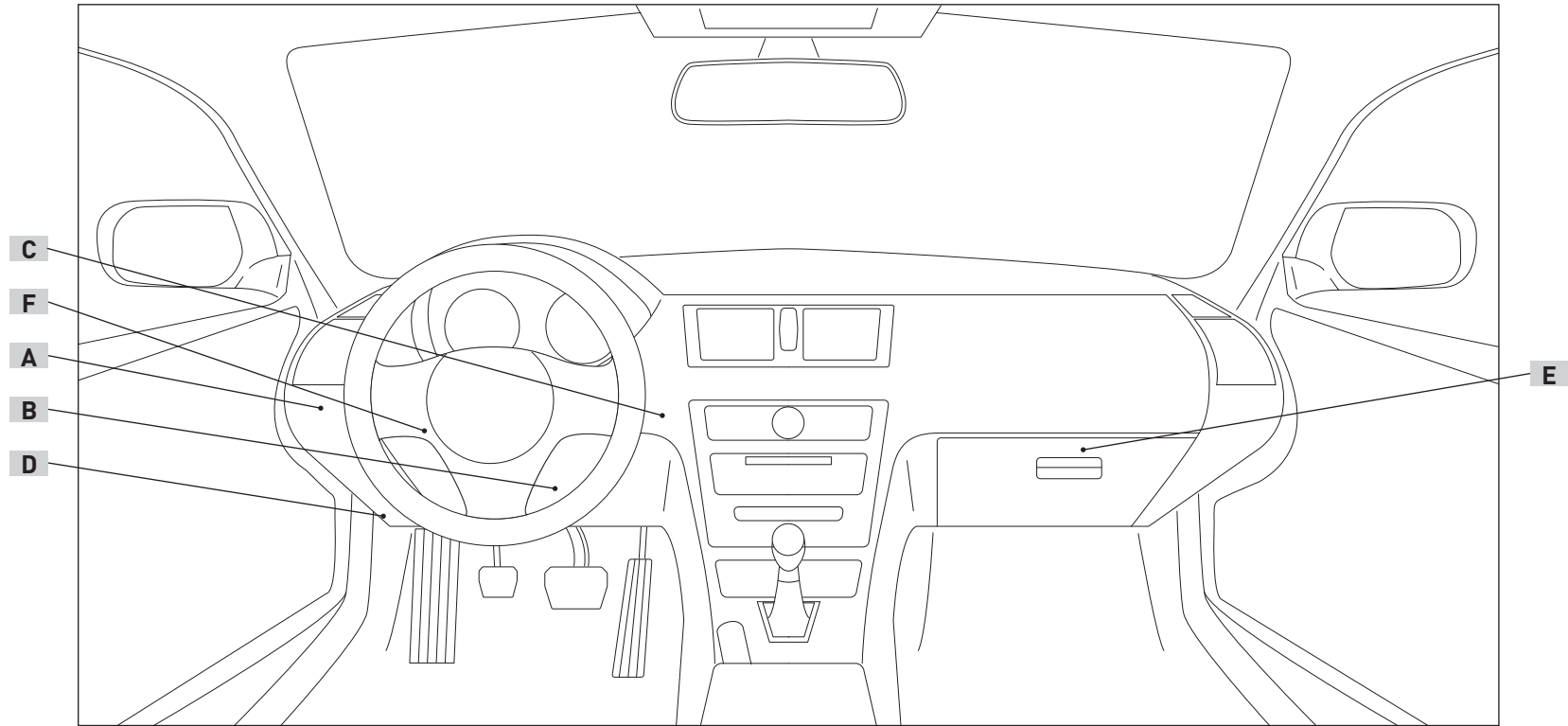
The door lock signal is encrypted on select models. In order for the bypass to operate properly, it must be synchronized with that encrypted signal. However, when the vehicle is driven, data is sent along the bus that desynchronizes the bypass with the encryption.

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).

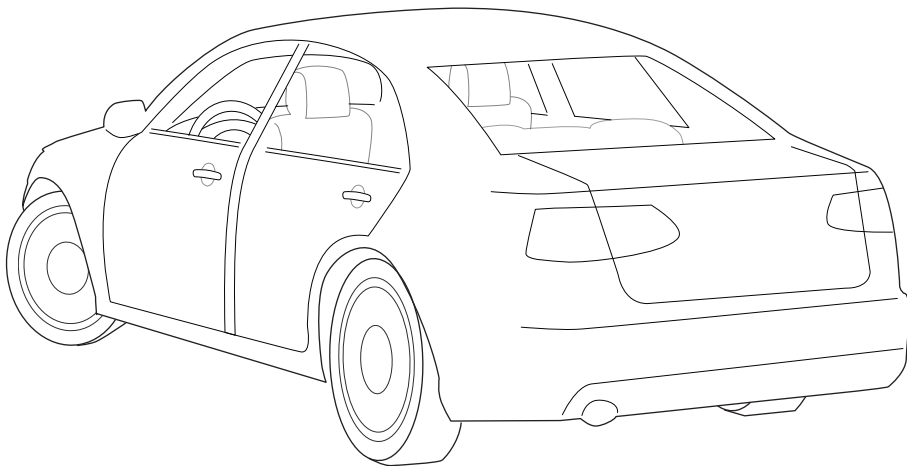
Conversely, if the vehicle is driven and the factory keyless system is not used to lock or unlock, the aftermarket remote will not be able to lock or unlock until the bypass receives factory keyless code at least once as described above.

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.

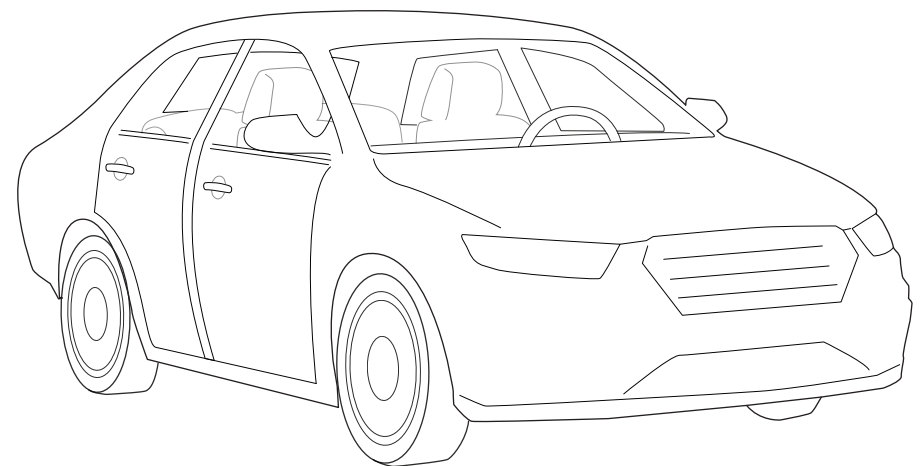
INTERIOR VIEW



DRIVER SIDE VIEW

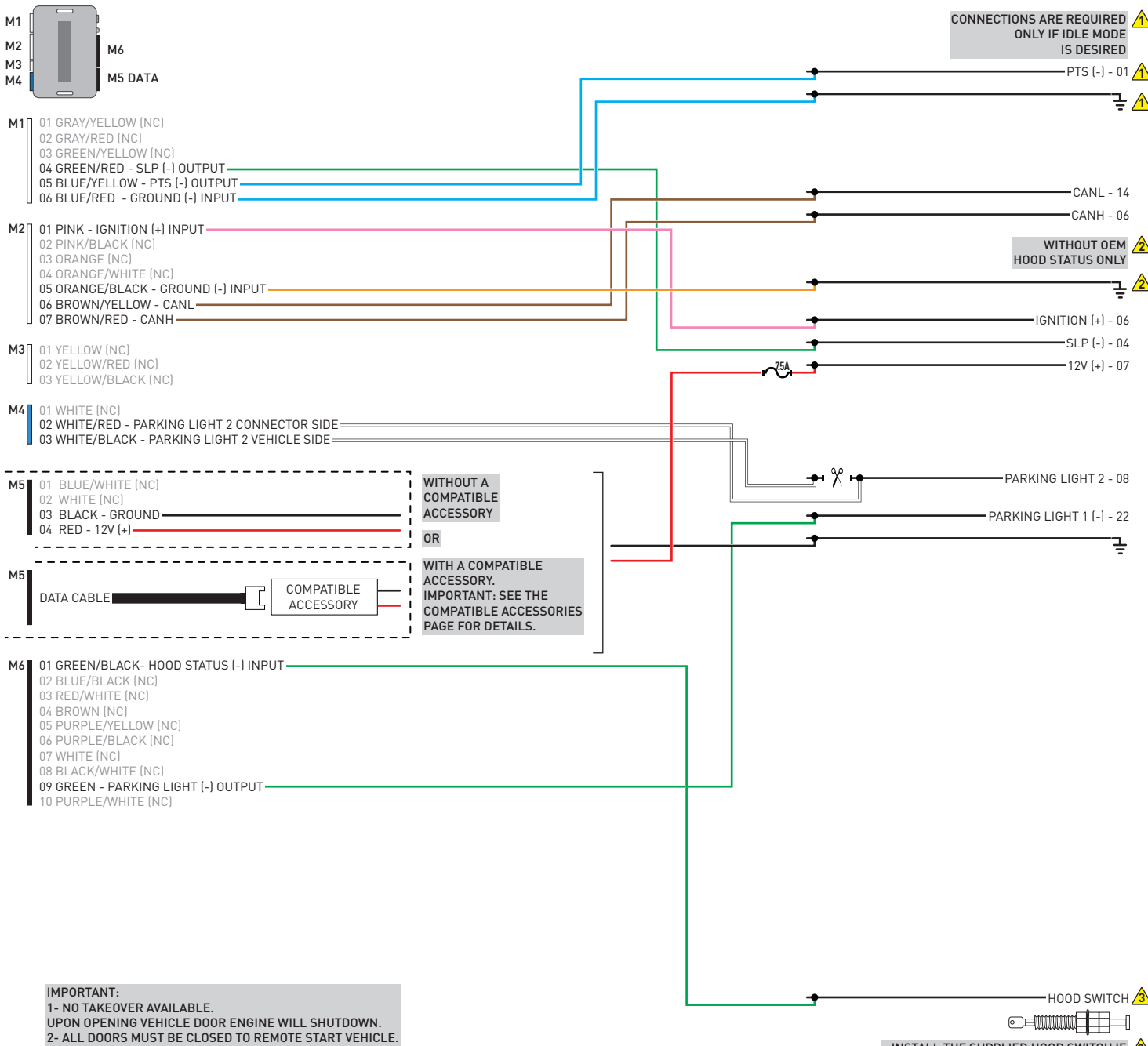


PASSENGER SIDE VIEW



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
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			

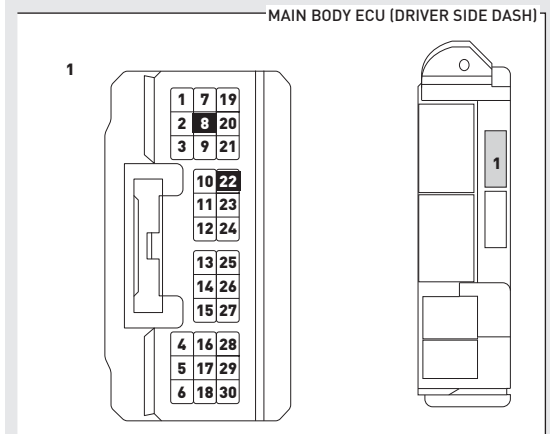
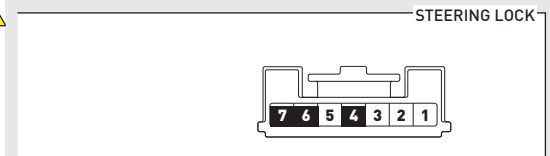
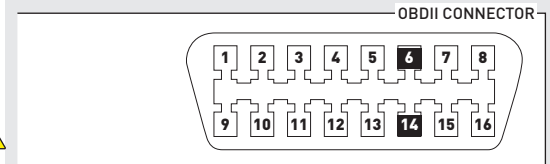
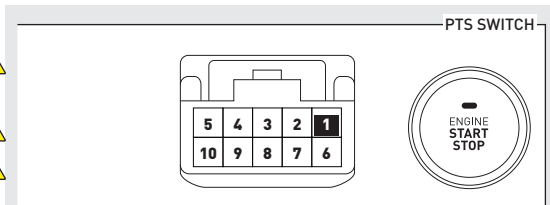


CONNECTIONS ARE REQUIRED ONLY IF IDLE MODE IS DESIRED

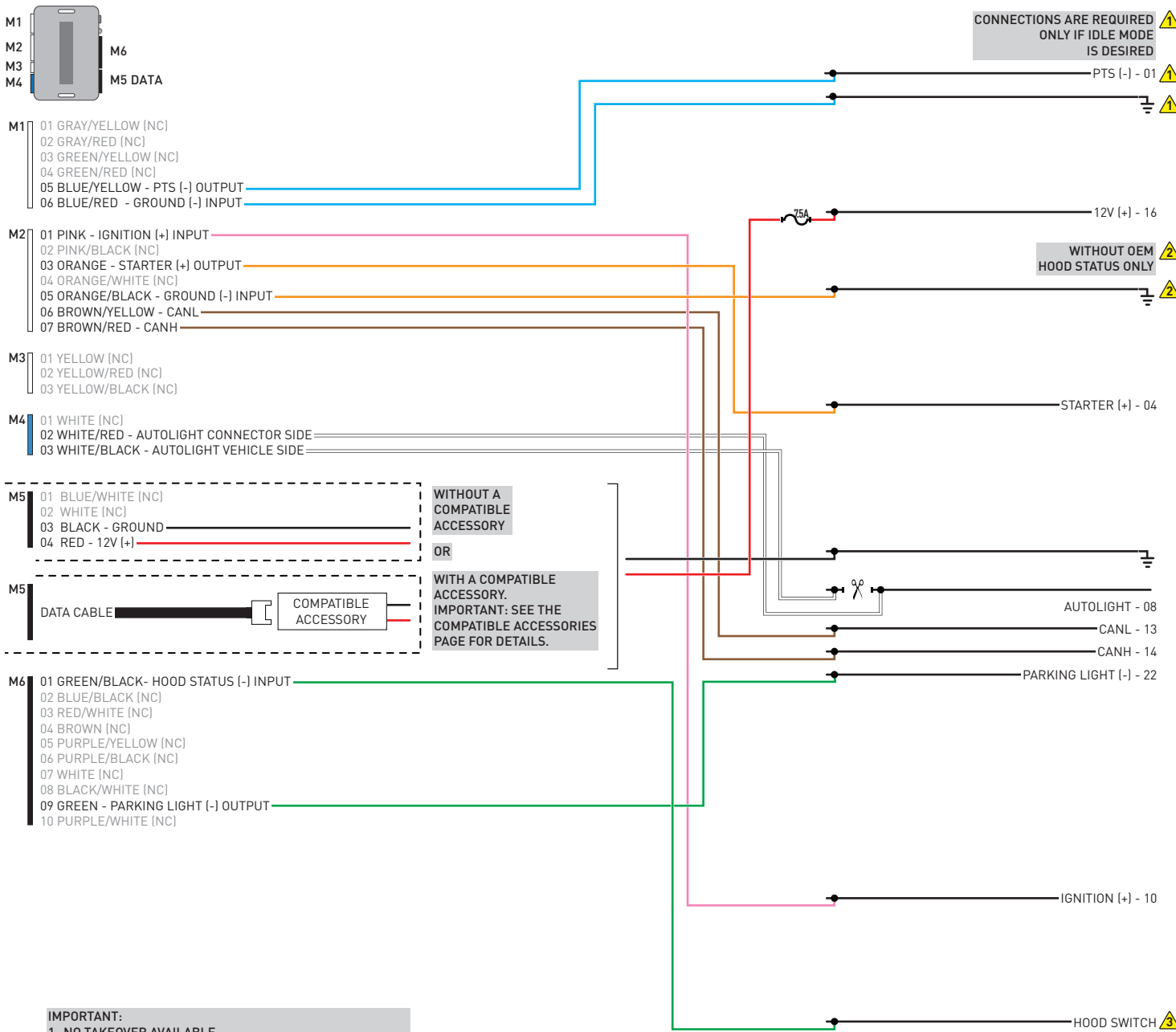
WITHOUT OEM HOOD STATUS ONLY

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

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

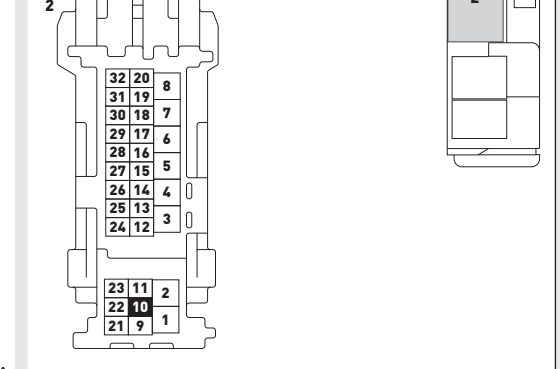
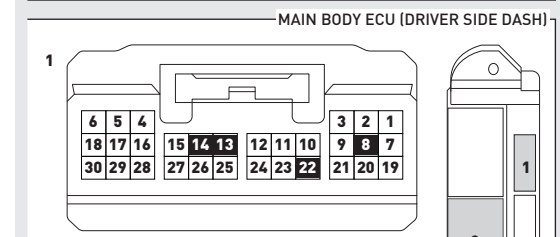
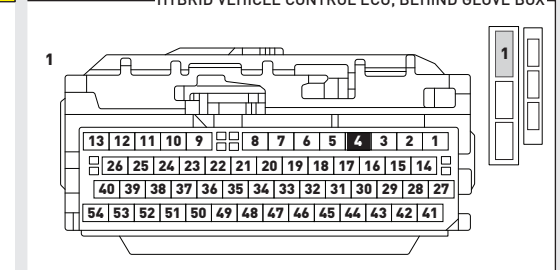
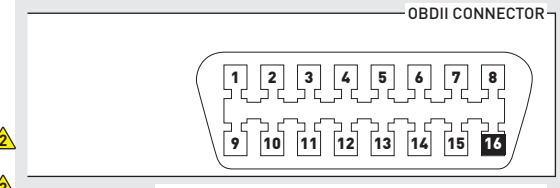
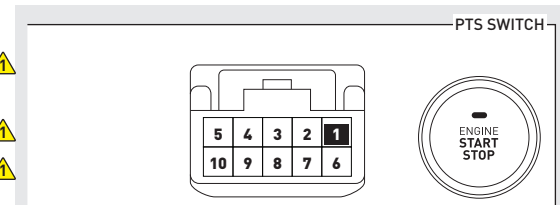


MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Prius PTS	16-20	CanH	~	White	30 pin	14	LtBlue	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			12V	~	White	16 pin	16	Purple	(+)	OBDDII 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 or White	(-)	Main Body ECU	A
			Parking Light	~	White	30 pin	22	Tan	(-)	Main Body ECU	A
	Prius Prime PTS	17-20	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	(+)	OBDDII 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 or White	(-)	Main Body ECU	A			
Parking Light	~	White	30 pin	22	Tan	(-)	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.

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

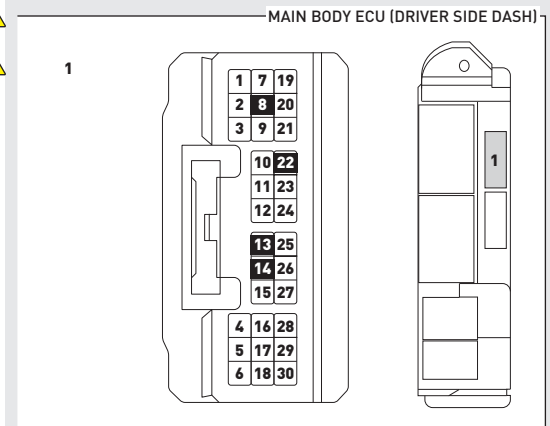
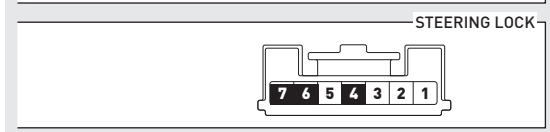
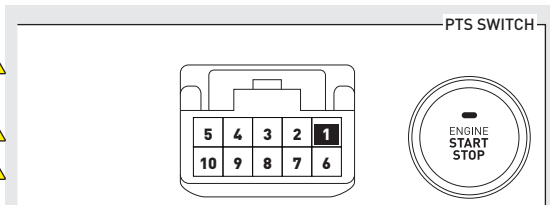
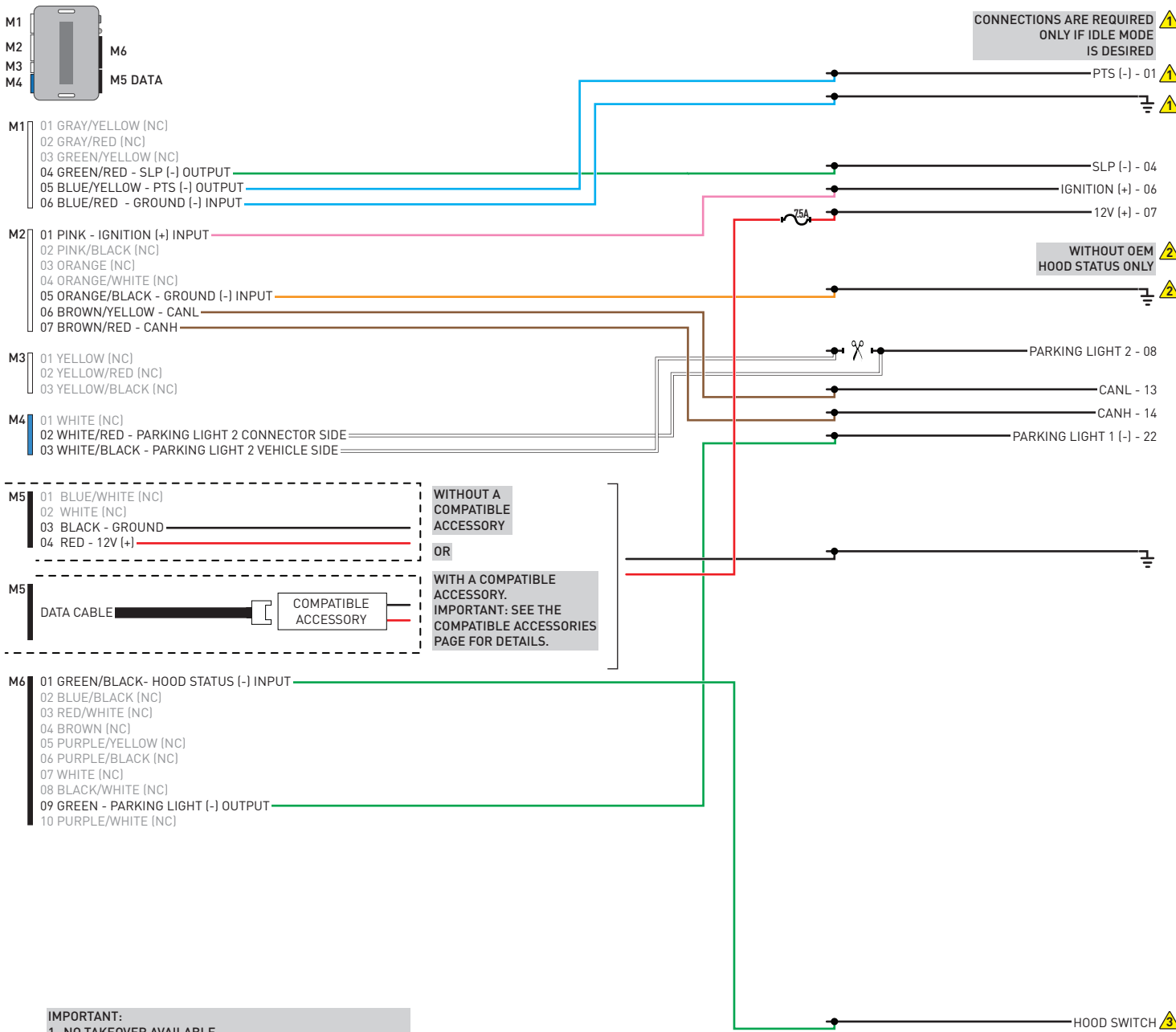


MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	IS200t PTS AT	17	CanH	F19	White	30 pin	14	Yellow	(DATA)	Main Body ECU	A
			CanL	F19	White	30 pin	13	Black	(DATA)	Main Body ECU	A
			12V	N24	Black	07 pin	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	17-20	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
	IS350 PTS AT	17-20	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
	LX570 PTS	16-20	CanH	~	White	30 pin	14	Green	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			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	

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	NX300 PTS	18-19	CanH	I48	White	30 pin	14	Yellow	(DATA)	Main Body ECU, below dash fusebox	D
			CanL	I48	White	30 pin	13	White	(DATA)	Main Body ECU, below dash fusebox	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
	RC200t PTS	16-17	CanH	F19	White	30 pin	14	LtGreen or 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
	RC300 PTS	16-19	CanH	F19	White	30 pin	14	LtGreen or 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
	RC350 PTS	15-19	CanH	F19	White	30 pin	14	LtGreen or 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	

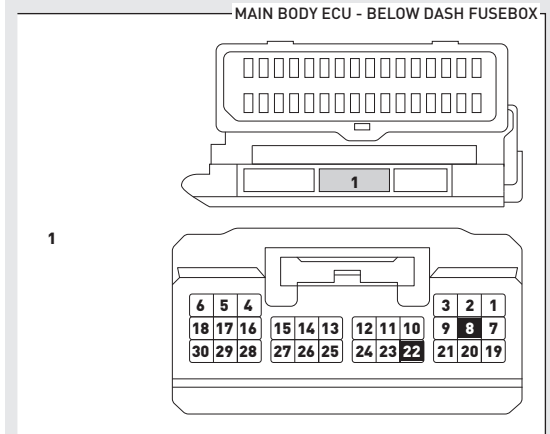
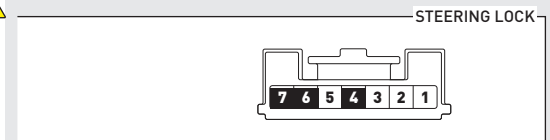
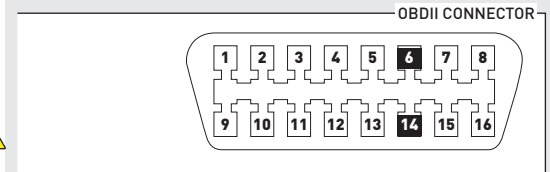
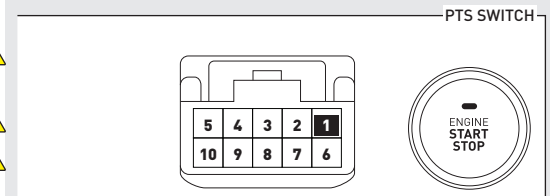
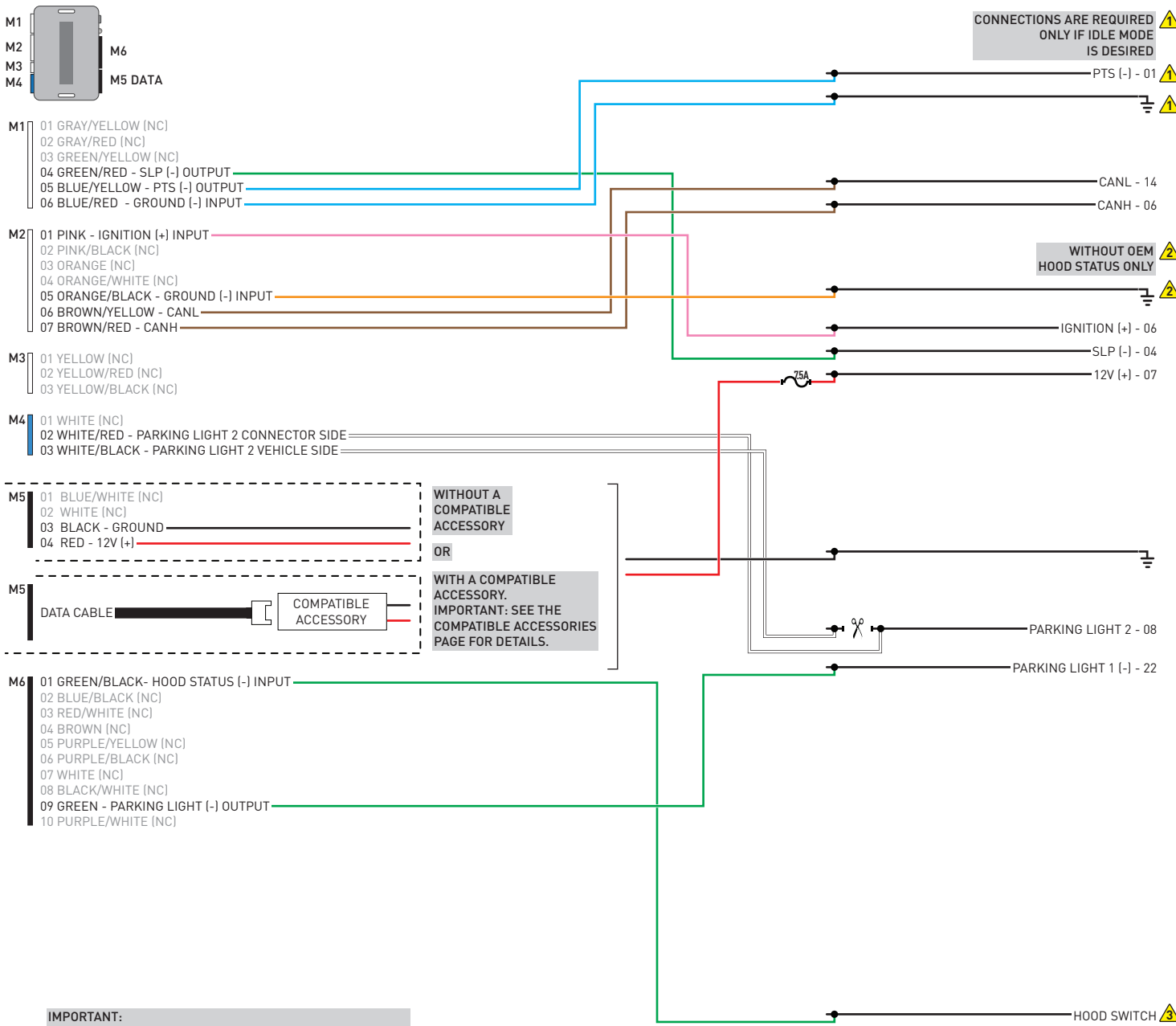
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	RC F PTS	15-19	CanH	F19	White	30 pin	14	LtGreen or Yellow	[DATA]	Main Body ECU	A
			CanL	F19	White	30 pin	13	Black	[DATA]	Main Body ECU	A
			12V	N24	Black	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
	RX350 PTS	16-19	CanH	~	White	30 pin	14	LtBlue	[DATA]	Main Body ECU	A
			CanL	~	White	30 pin	13	White	[DATA]	Main Body ECU	A
			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	
TOYOTA	C-HR PTS AT	18-19	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	17-19	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	

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Land Cruiser PTS	16-20	CanH	~	White	30 pin	14	Green	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			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
	Tacoma PTS	16-19	CanH	~	White	30 pin	14	Black	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			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			



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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	17-19	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			

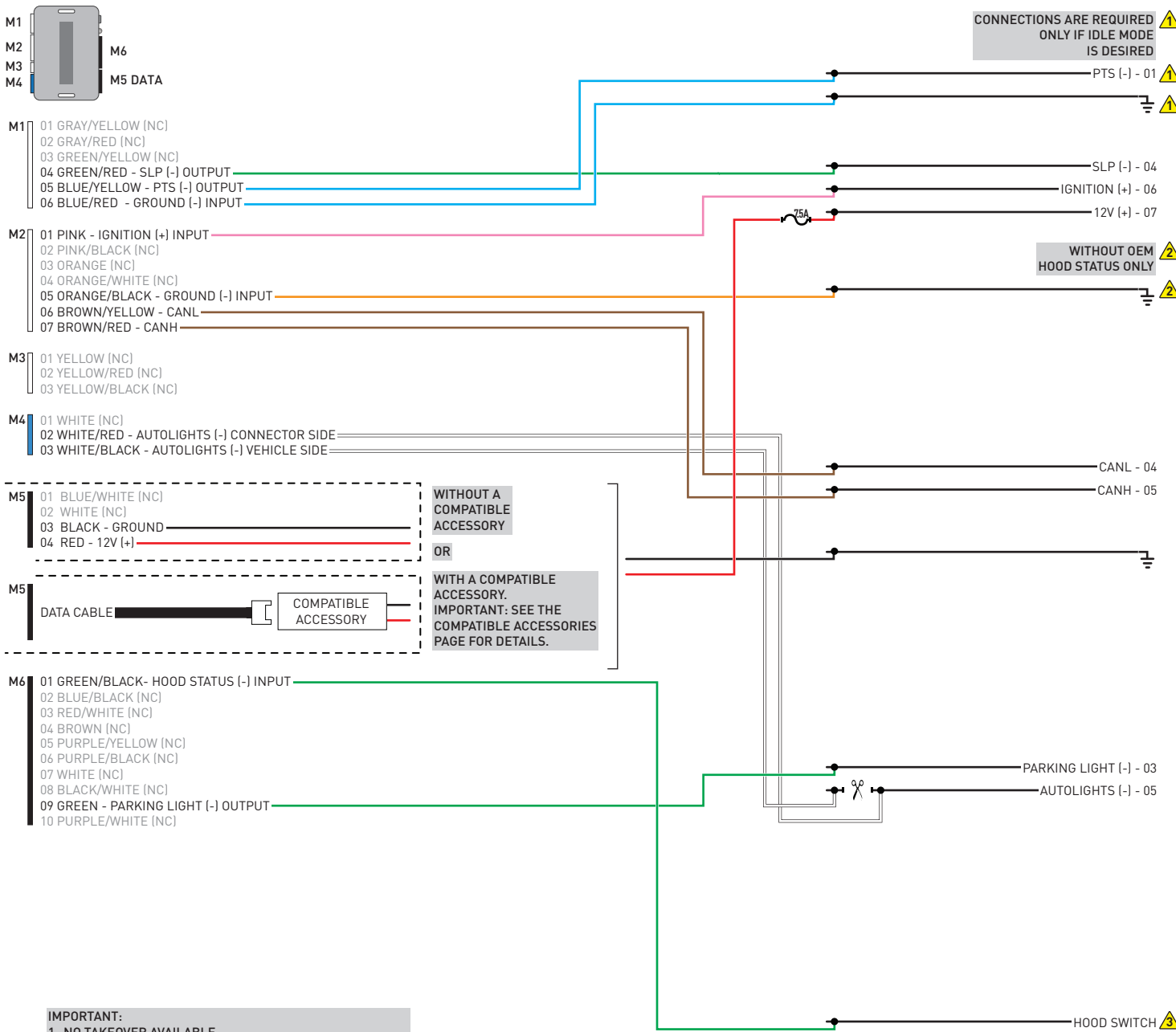


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INSTALL THE SUPPLIED HOOD SWITCH IF THE VEHICLE IS NOT EQUIPPED WITH ONE.

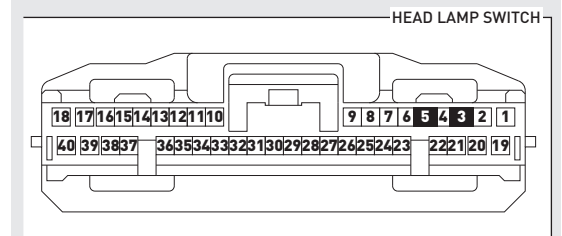
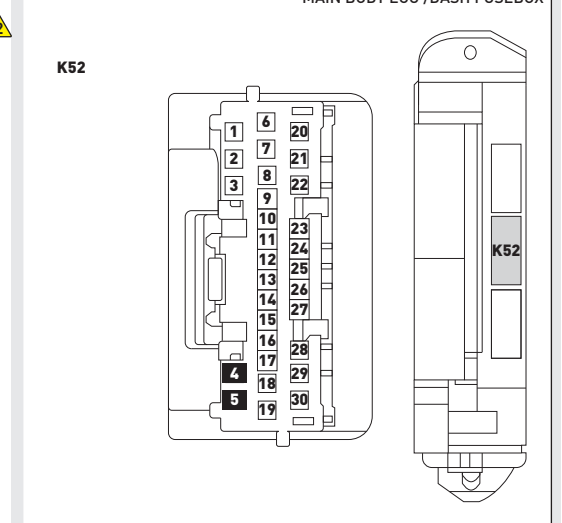
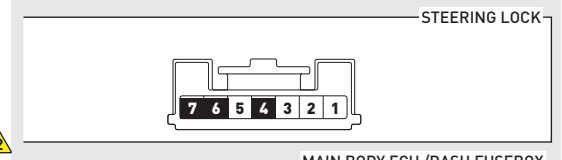
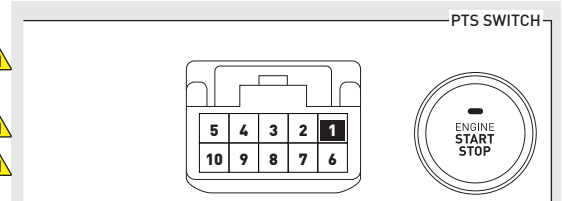
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	ES350 PTS AT	19-20	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Gray	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F
	LC500 PTS AT	18-19	CanH	~	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	White	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Green	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F
	LS500 PTS AT	18-19	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Black	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Orange	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	White	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Orange	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	~	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	~	(-)	Headlamp switch	F
	UX200 PTS AT	19	CanH	K52	Black	30 pin	05	Blue	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Tan	(+)	Steering lock	B
SLP			~	Black	07 pin	04	Purple	(-)	Steering lock	B	
PTS			~	Black	10 pin	01	Green	(-)	PTS switch	C	
Autolights			~	White	40 pin	05	Yellow	(-)	Headlamp switch	F	
Parking Light			~	White	40 pin	03	Green	(-)	Headlamp switch	F	

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Avalon PTS AT	19	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F
	Camry PTS AT	18-20	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F
	Rav4 PTS AT	19-21	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	Purple	(DATA)	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F

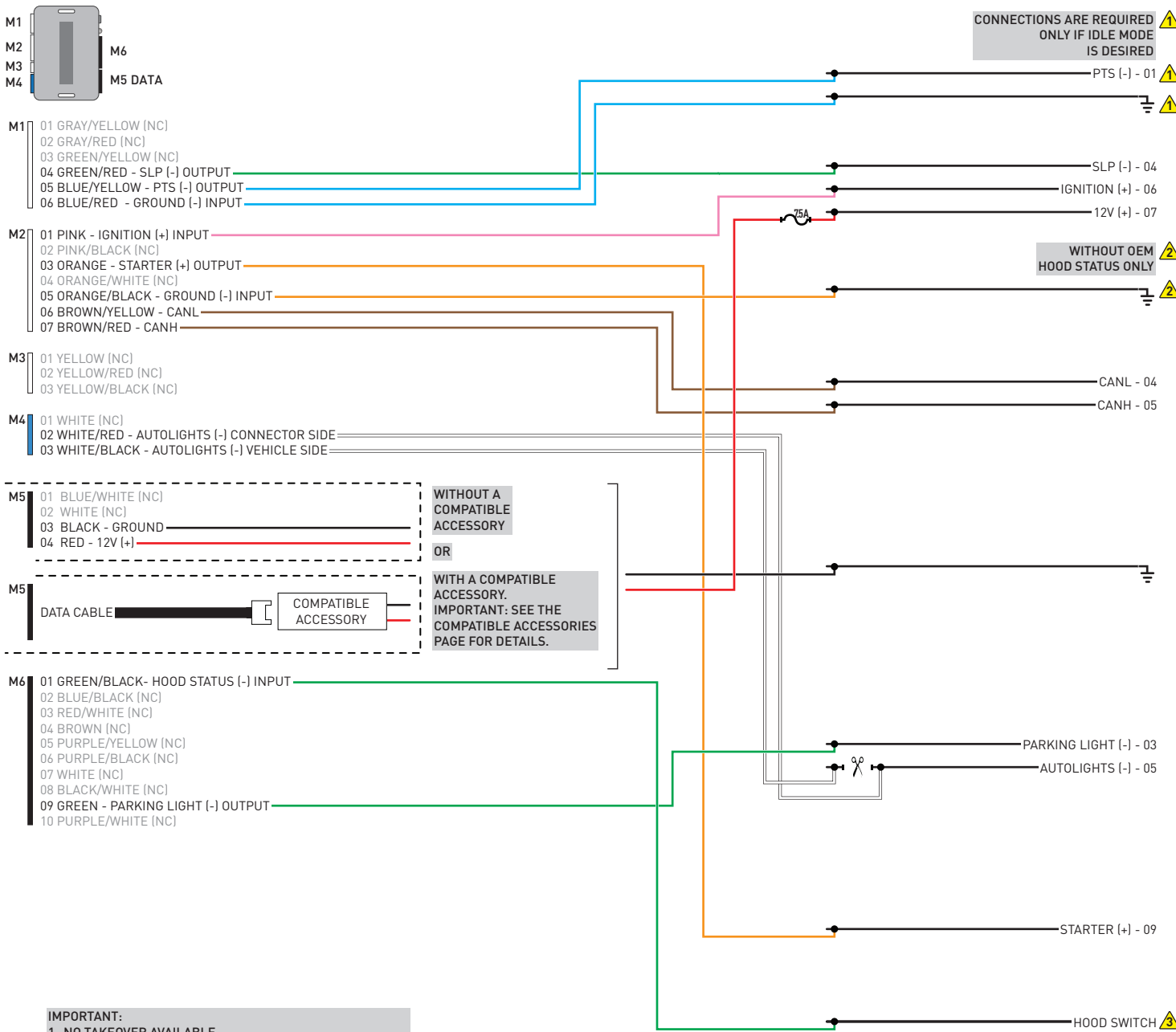


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INSTALL THE SUPPLIED HOOD SWITCH IF THE VEHICLE IS NOT EQUIPPED WITH ONE.



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Camry Hybrid PTS AT	18-19	CanH	K52	Black	30 pin	05	Tan	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	K52	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			Starter	~	Gray	35 pin	09	LtBlue	(+)	Hybrid ECU, right of driver dash fusebox	A
			PTS	~	Black	10 pin	01	Blue	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F

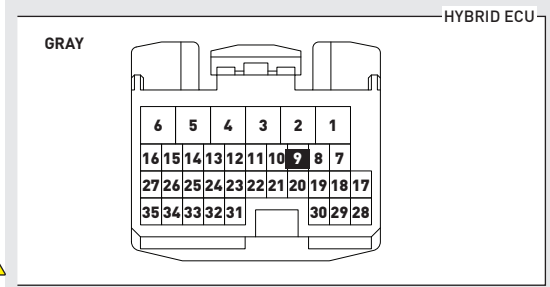
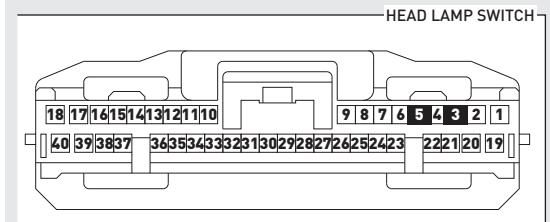
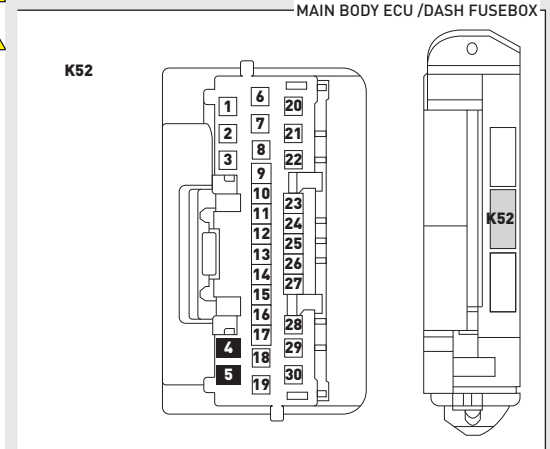
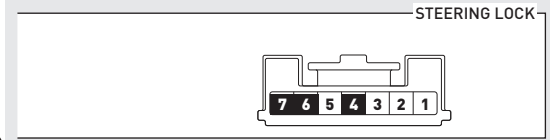
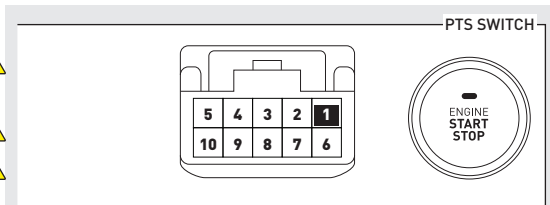


CONNECTIONS ARE REQUIRED ONLY IF IDLE MODE IS DESIRED

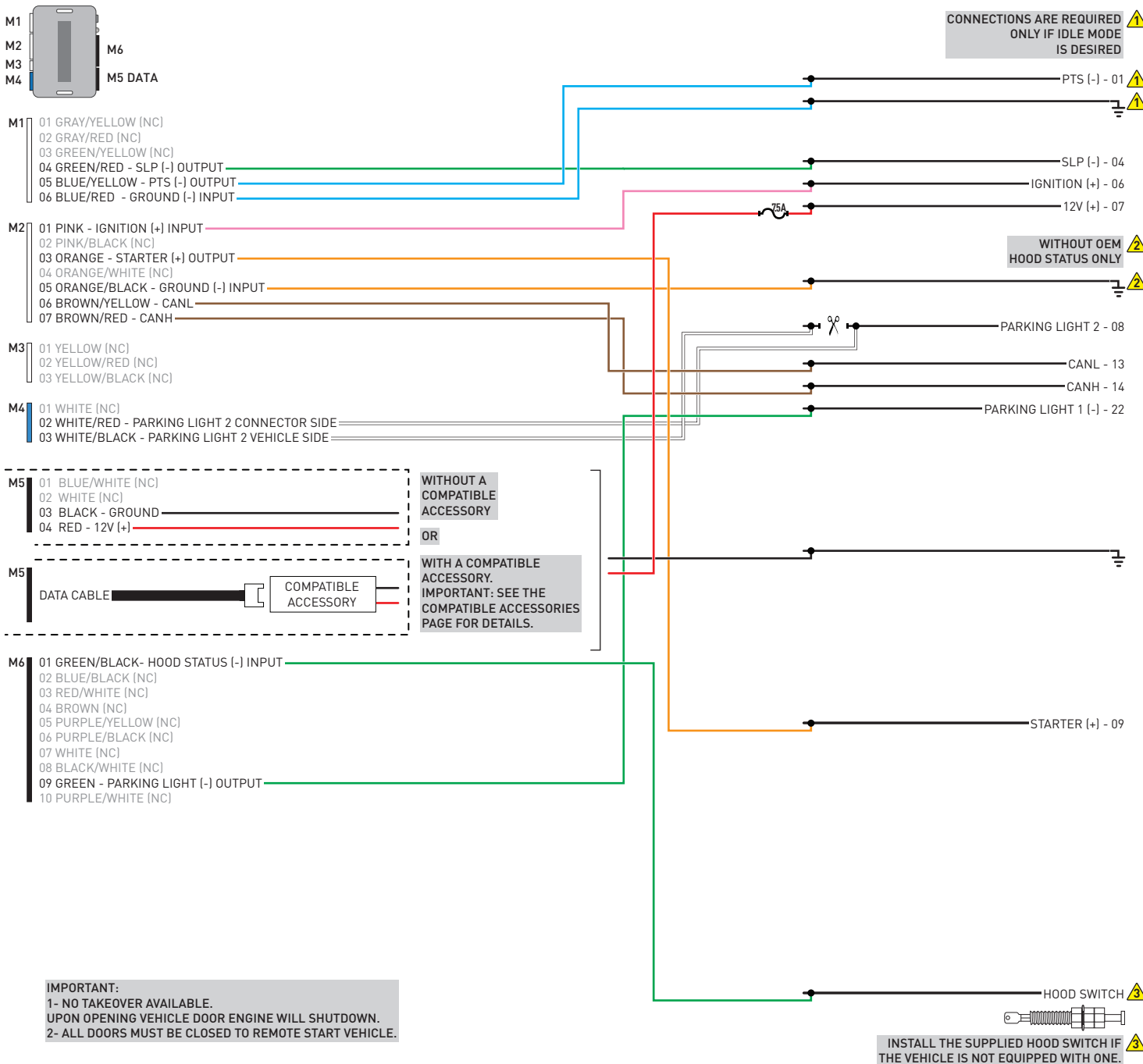
WITHOUT OEM HOOD STATUS ONLY

WITHOUT A COMPATIBLE ACCESSORY
OR
WITH A COMPATIBLE ACCESSORY. IMPORTANT: SEE THE COMPATIBLE ACCESSORIES PAGE FOR DETAILS.

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



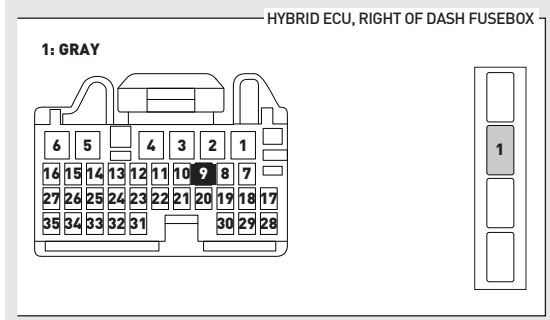
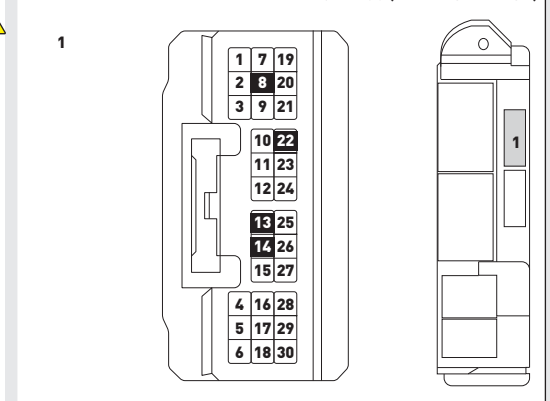
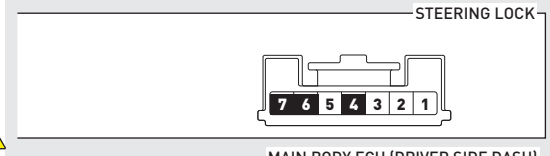
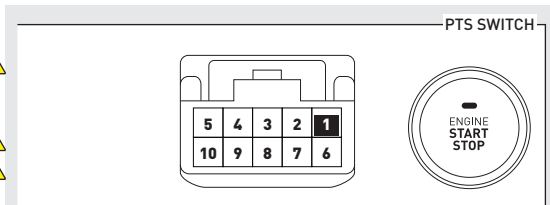
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	RX450h PTS	16-19	CanH	~	White	30 pin	14	LtBlue	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			12V	~	Black	07 pin	07	Purple	(+)	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
			Starter	~	Gray	35 pin	09	LtGreen	(+)	Hybrid ECU, right of dash fusebox	~



CONNECTIONS ARE REQUIRED ONLY IF IDLE MODE IS DESIRED

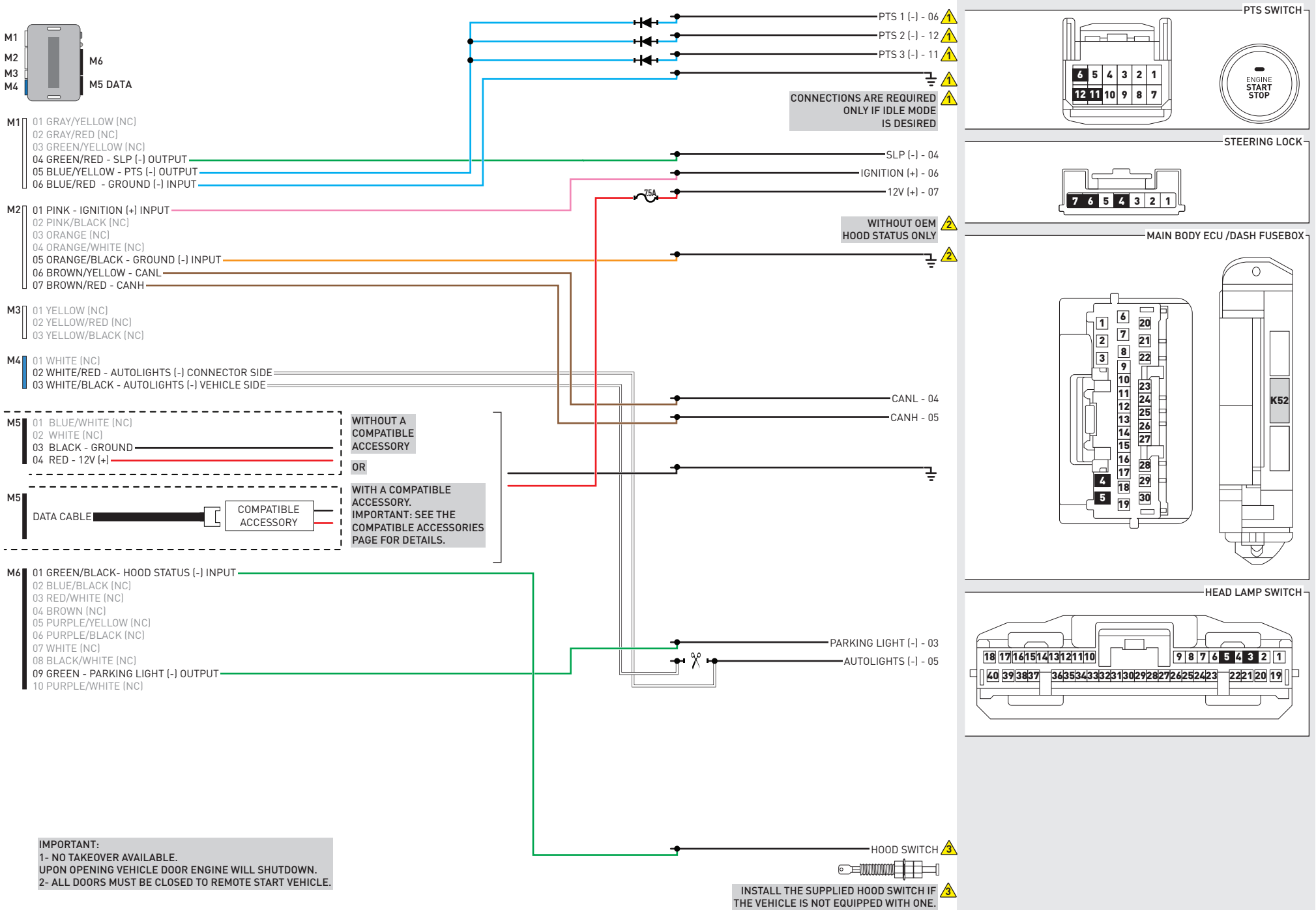
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WITHOUT A COMPATIBLE ACCESSORY
OR
WITH A COMPATIBLE ACCESSORY. IMPORTANT: SEE THE COMPATIBLE ACCESSORIES PAGE FOR DETAILS.

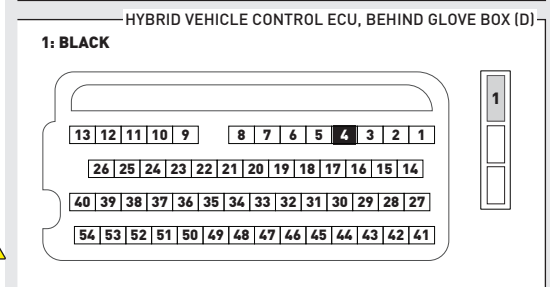
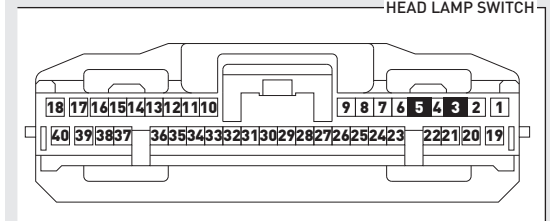
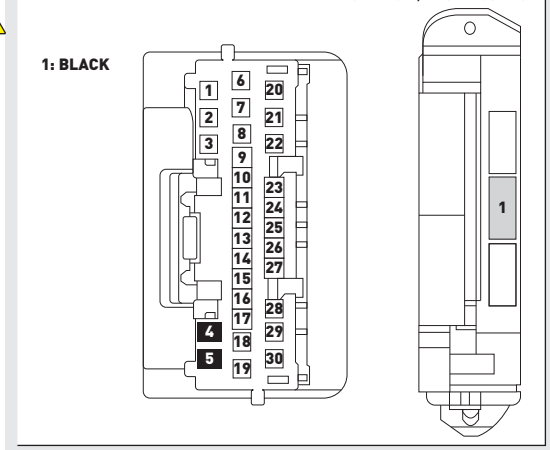
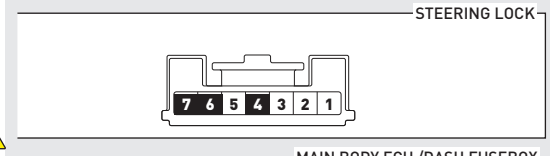
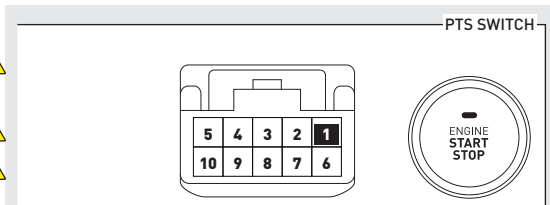
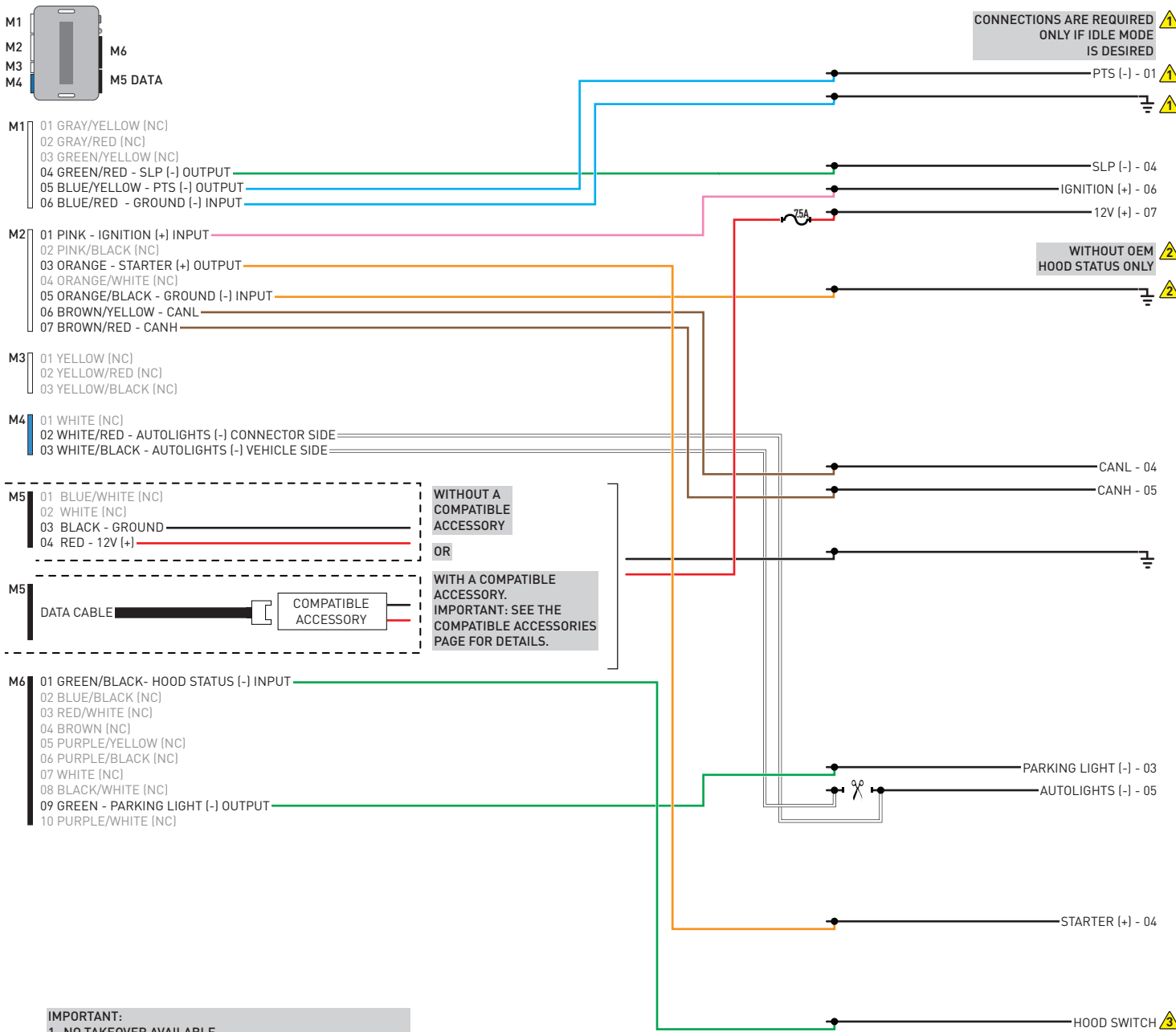


INSTALL THE SUPPLIED HOOD SWITCH IF THE VEHICLE IS NOT EQUIPPED WITH ONE.

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla Hatchback PTS AT	19	CanH	~	Black	30 pin	05	Black	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS 1	~	Black	12 pin	06	Blue	(-)	PTS switch	C
			PTS 2	~	Black	12 pin	12	Purple	(-)	PTS switch	C
			PTS 3	~	Black	12 pin	11	Pink	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F



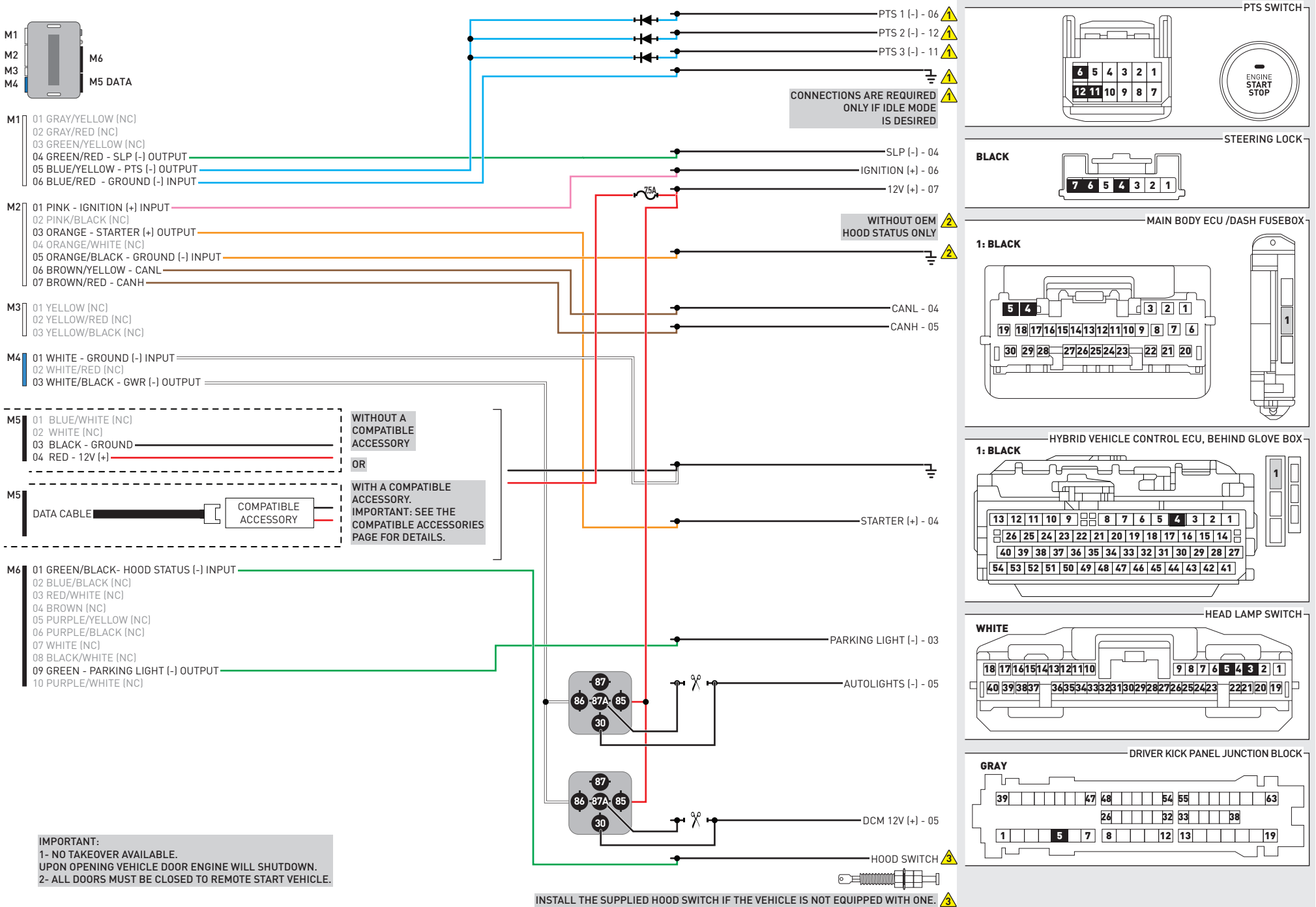
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	UX250h PTS AT	19-20	CanH	~	Black	30 pin	05	Blue	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Tan	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Purple	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Green	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F
			Starter	~	Black	60 pin	04	Black	(+)	Hybrid ECU behind glovebox	E



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

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

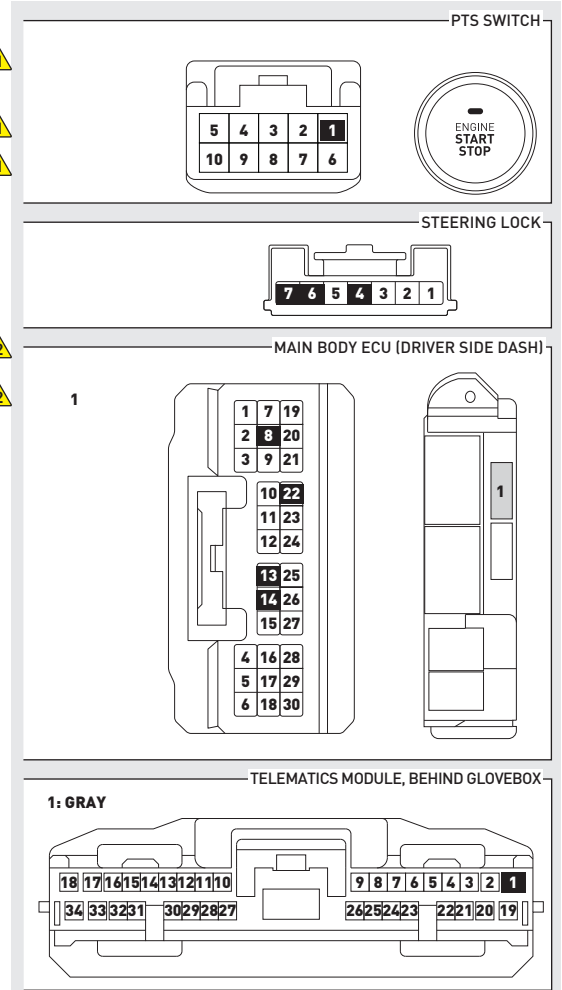
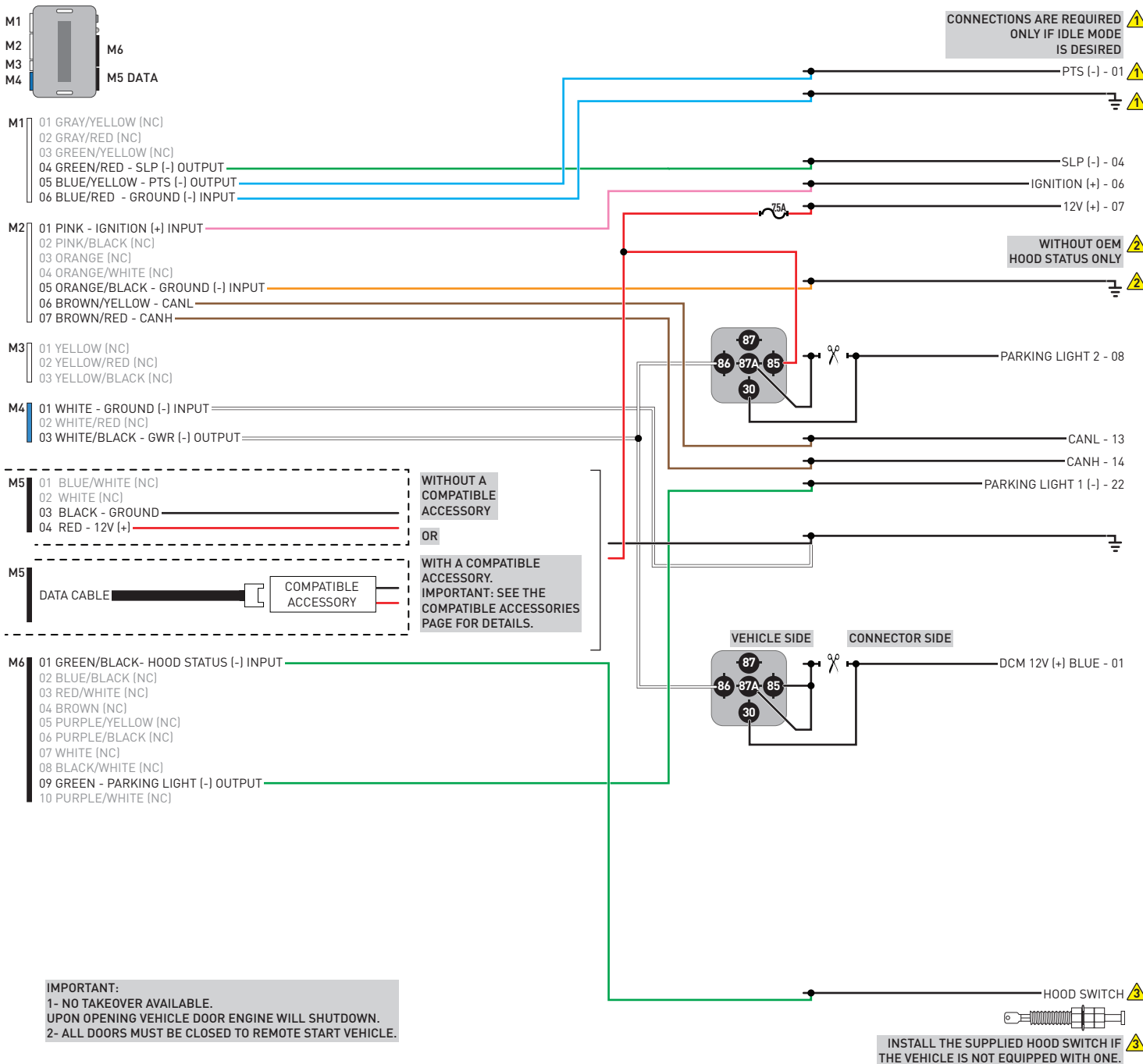
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla Hybrid PTS AT	20	CanH	~	Black	30 pin	05	Black	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	[+]	Steering lock	B
			Ignition	~	Black	07 pin	06	Black	[+]	Steering lock	B
			SLP	~	Black	07 pin	04	LtBlue	[-]	Steering lock	B
			PTS 1	~	Black	12 pin	06	Blue	[-]	PTS switch	C
			PTS 2	~	Black	12 pin	12	Purple	[-]	PTS switch	C
			PTS 3	~	Black	12 pin	11	Pink	[-]	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	[-]	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	[-]	Headlamp switch	F
			Starter	~	Black	54 pin	04	Purple	[+]	Hybrid vehicle control ECU, behind glove box	E
			DCM 12V	A17	Gray	63 pin	05	LtGreen	[+]	Driver kick panel junction block	~



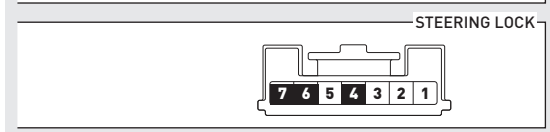
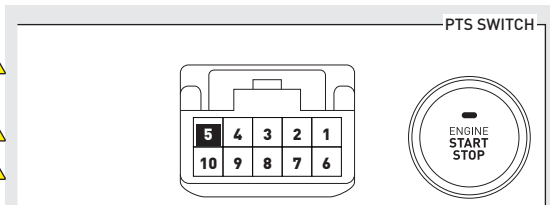
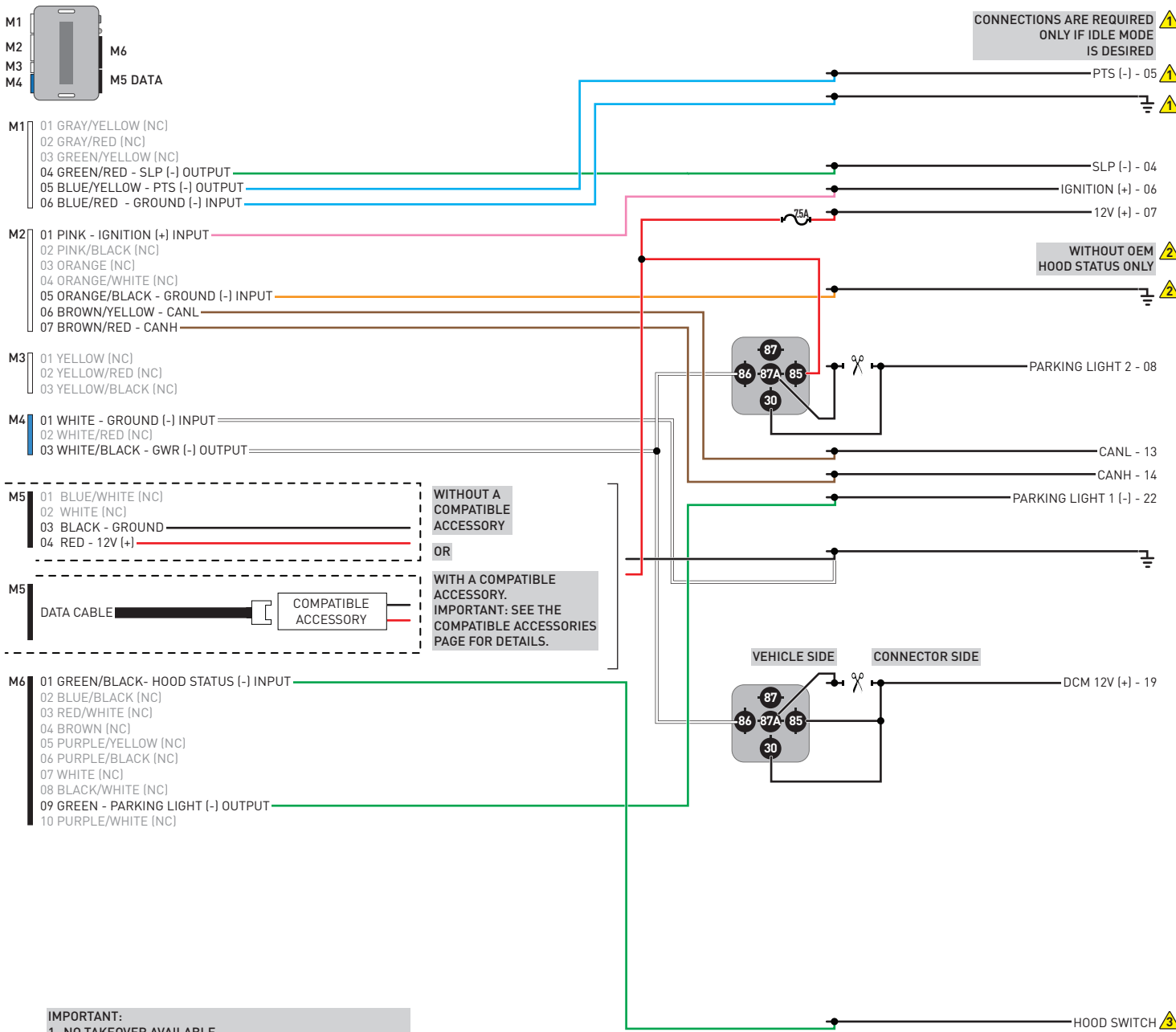
IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

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

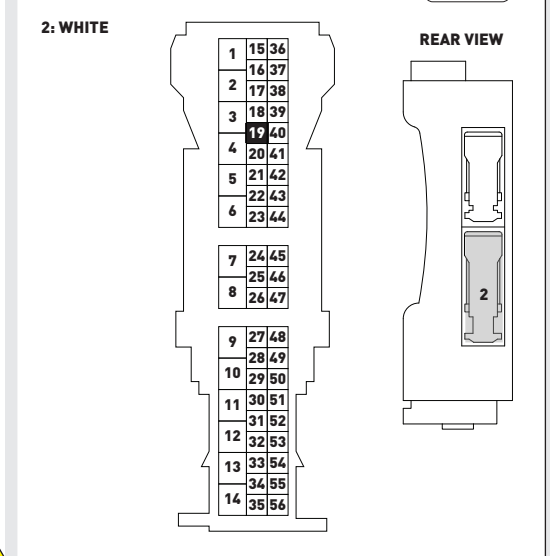
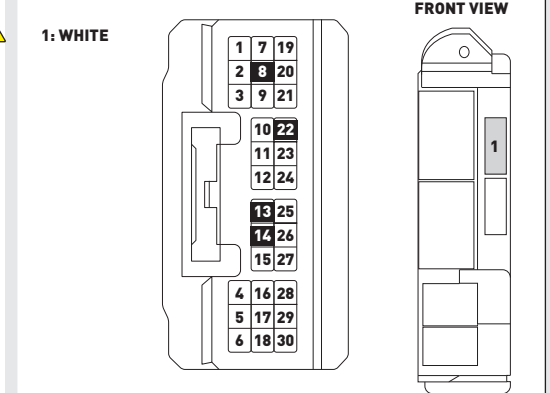
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Tacoma PTS	20-21	CanH	~	White	30 pin	14	Black	(DATA)	Main Body ECU	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU	A
			12V	~	Black	07 pin	07	Red	(+)	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
			DCM 12V	~	Gray	34 pin	01	Blue	(+)	Telematics module, behind glovebox	~



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	4Runner PTS	20-21	CanH	~	White	30 pin	14	Blue	(DATA)	Main Body ECU, front view	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU, front view	A
			12V	~	Black	07 pin	07	Green	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	LtGreen	(-)	Steering lock	B
			PTS	~	Black	10 pin	05	LtGreen	(-)	PTS button	C
			Parking Light 2	~	White	30 pin	08	White	~	Main Body ECU, front view	A
			Parking Light 1	~	White	30 pin	22	Red	(-)	Main Body ECU, front view	A
			DCM 12V	2N	White	56 pin	19	Pink	(+)	Main Body ECU, rear view	A



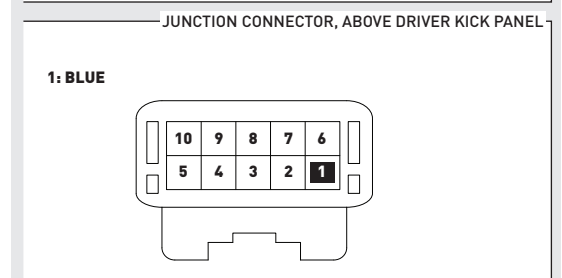
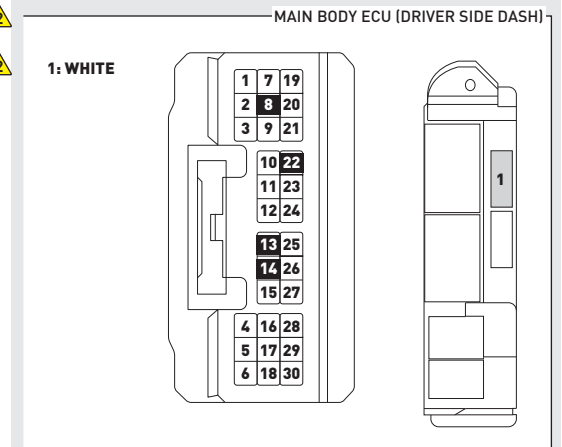
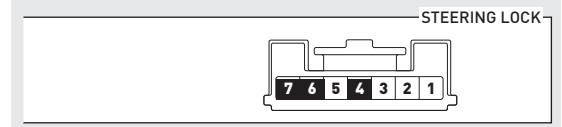
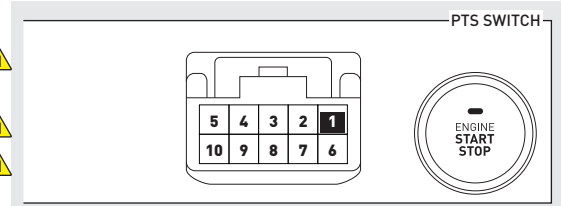
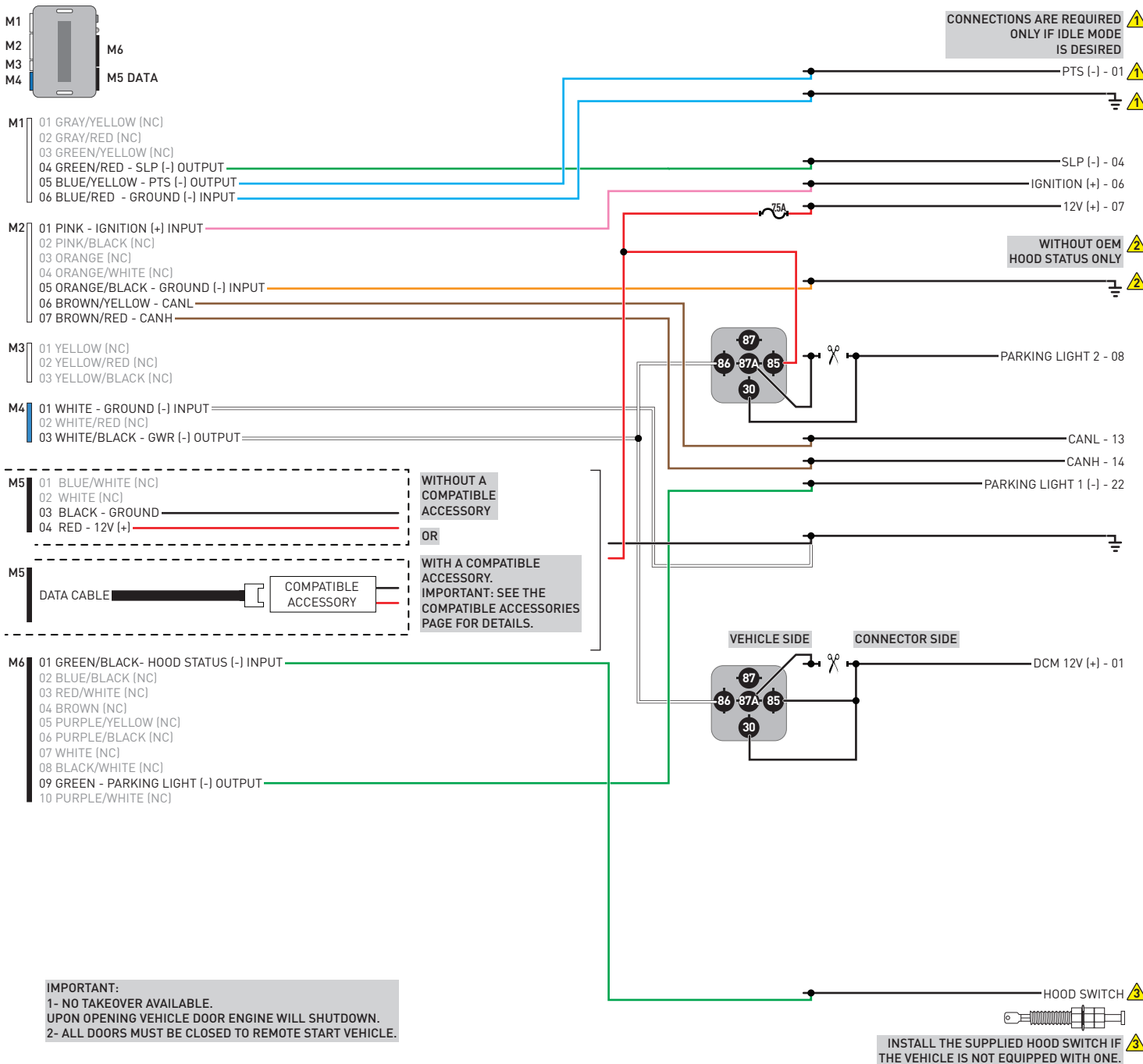
MAIN BODY ECU (DRIVER SIDE DASH)



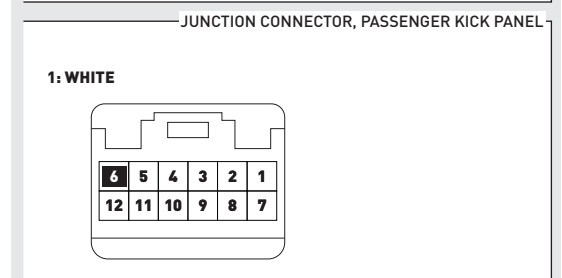
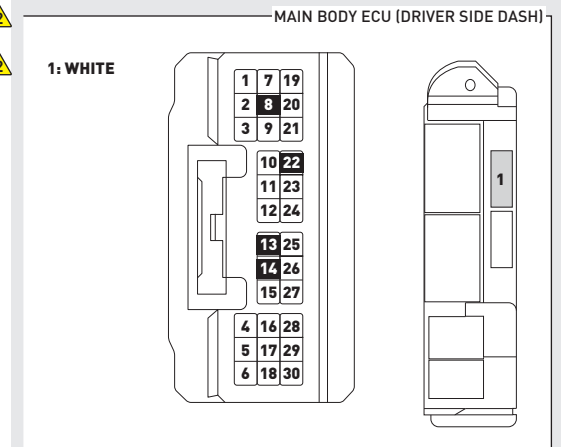
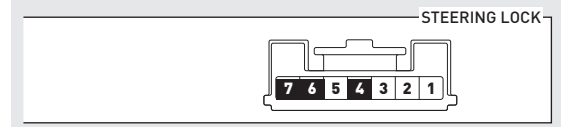
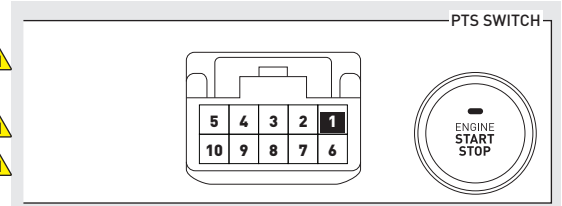
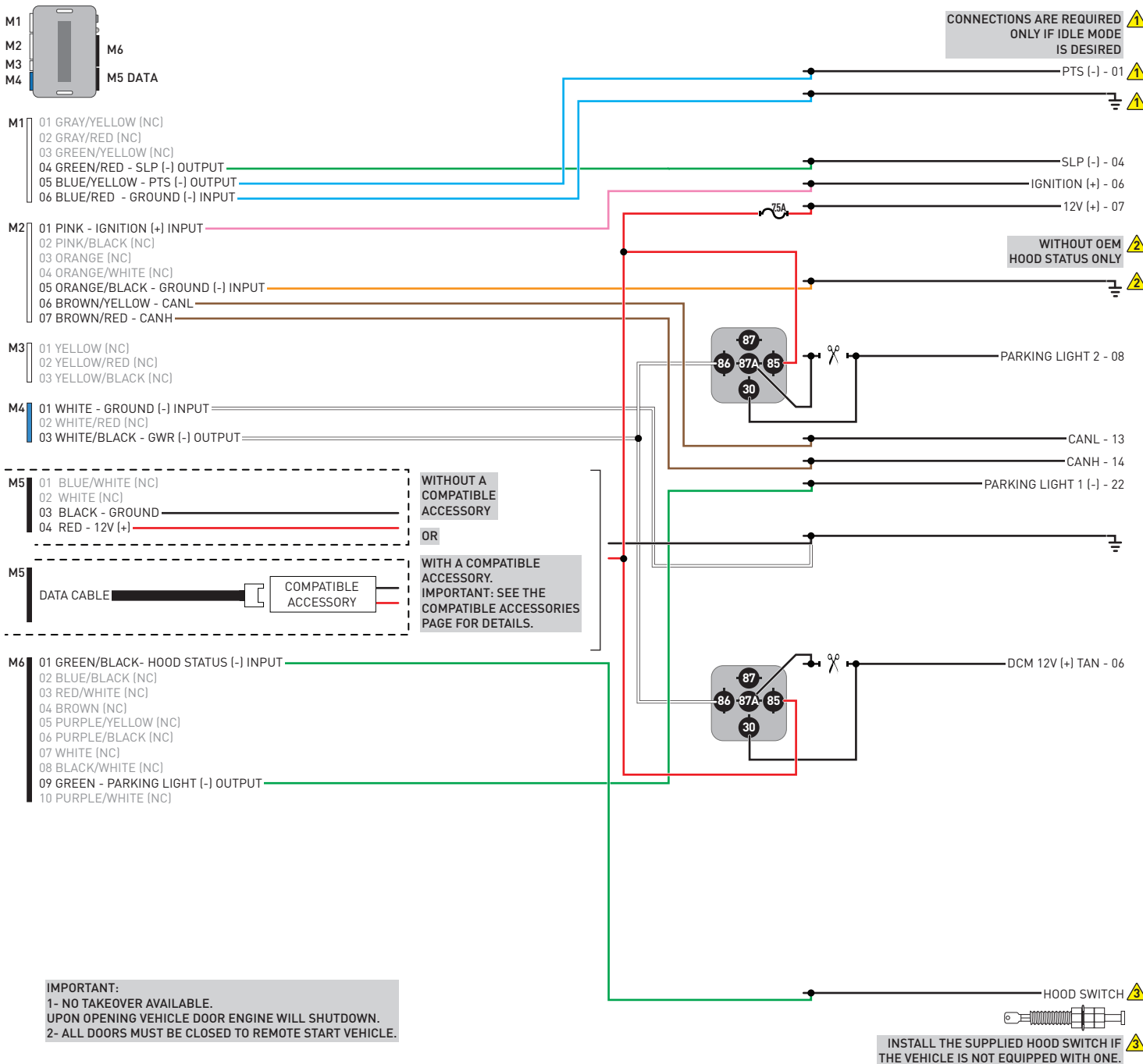
IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

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

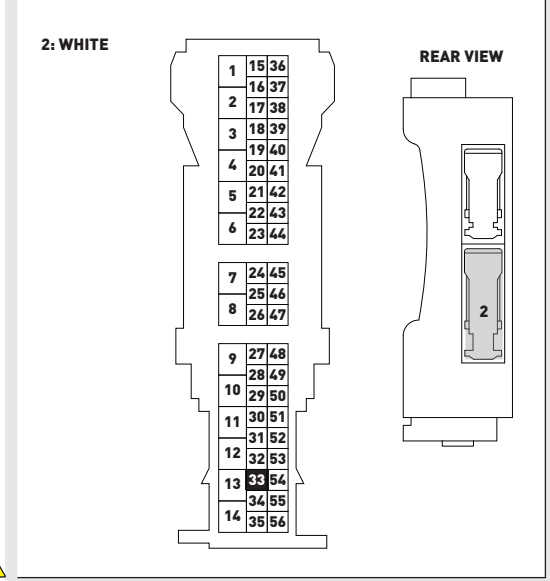
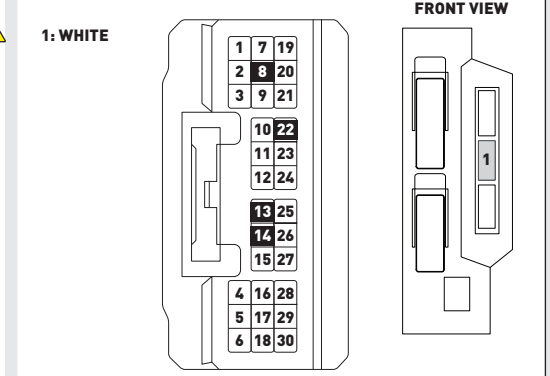
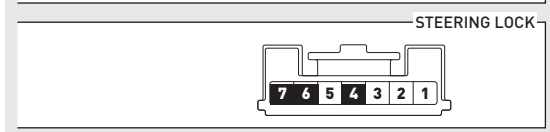
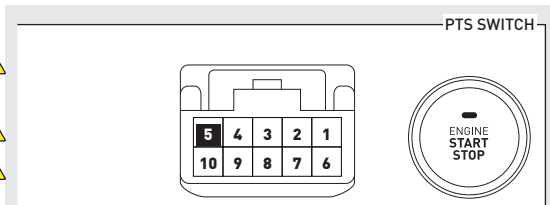
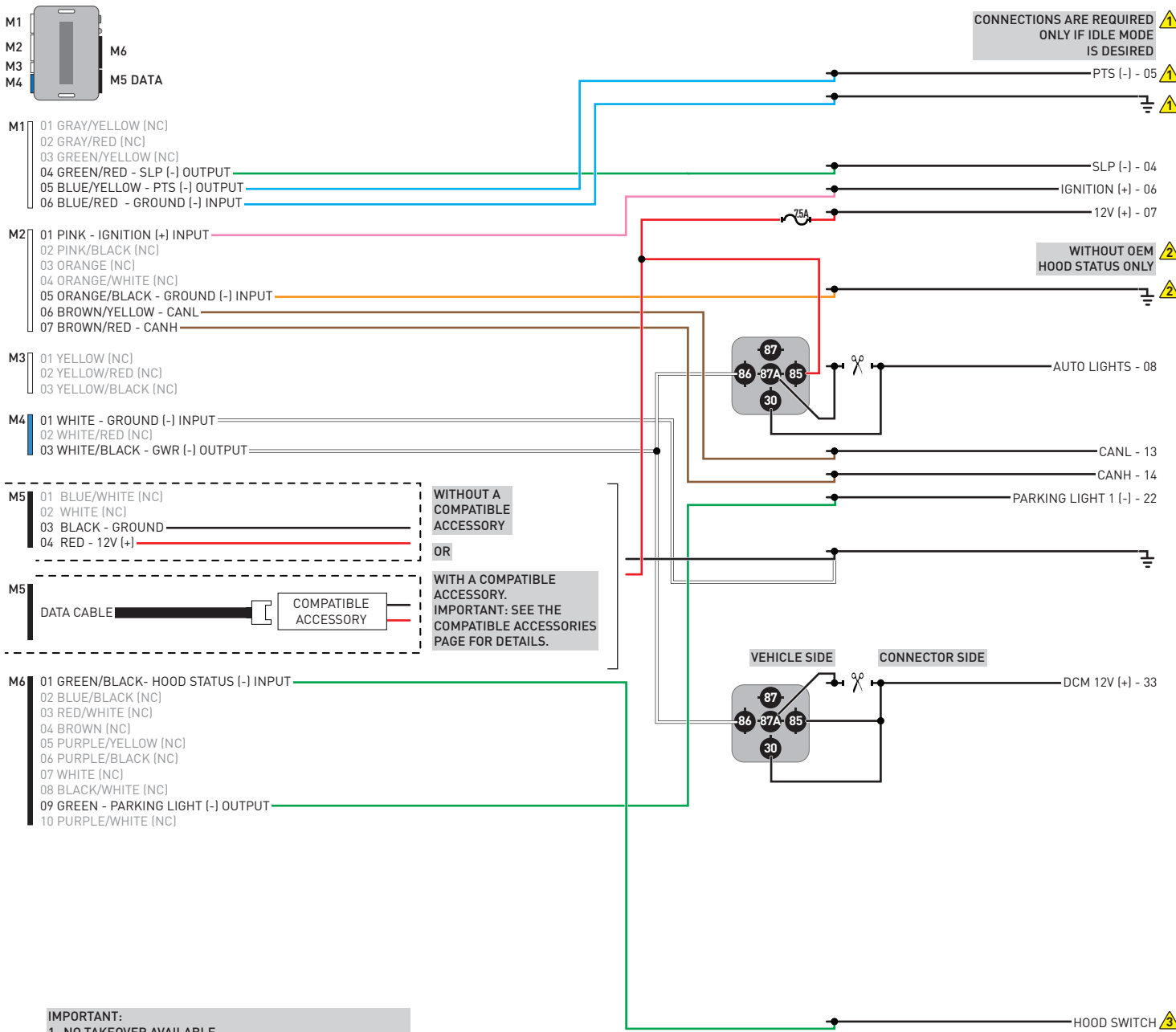
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	NX300 PTS	20	CanH	I48	White	30 pin	14	Yellow	(DATA)	Main Body ECU, below dash fusebox	D
			CanL	I48	White	30 pin	13	White	(DATA)	Main Body ECU, below dash fusebox	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
			DCM 12V	~	Blue	10 pin	01	Yellow	(+)	Junction block, above driver kick panel	F



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	C-HR PTS AT	20-21	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
			DCM 12V	AF3	White	12 pin	06	Tan	(+)	Junction block, passenger kick panel	~
			Parking Light 2	~	White	30 pin	08	White	~	Main Body ECU	A
			Parking Light 1	~	White	30 pin	22	Yellow	(-)	Main Body ECU	A



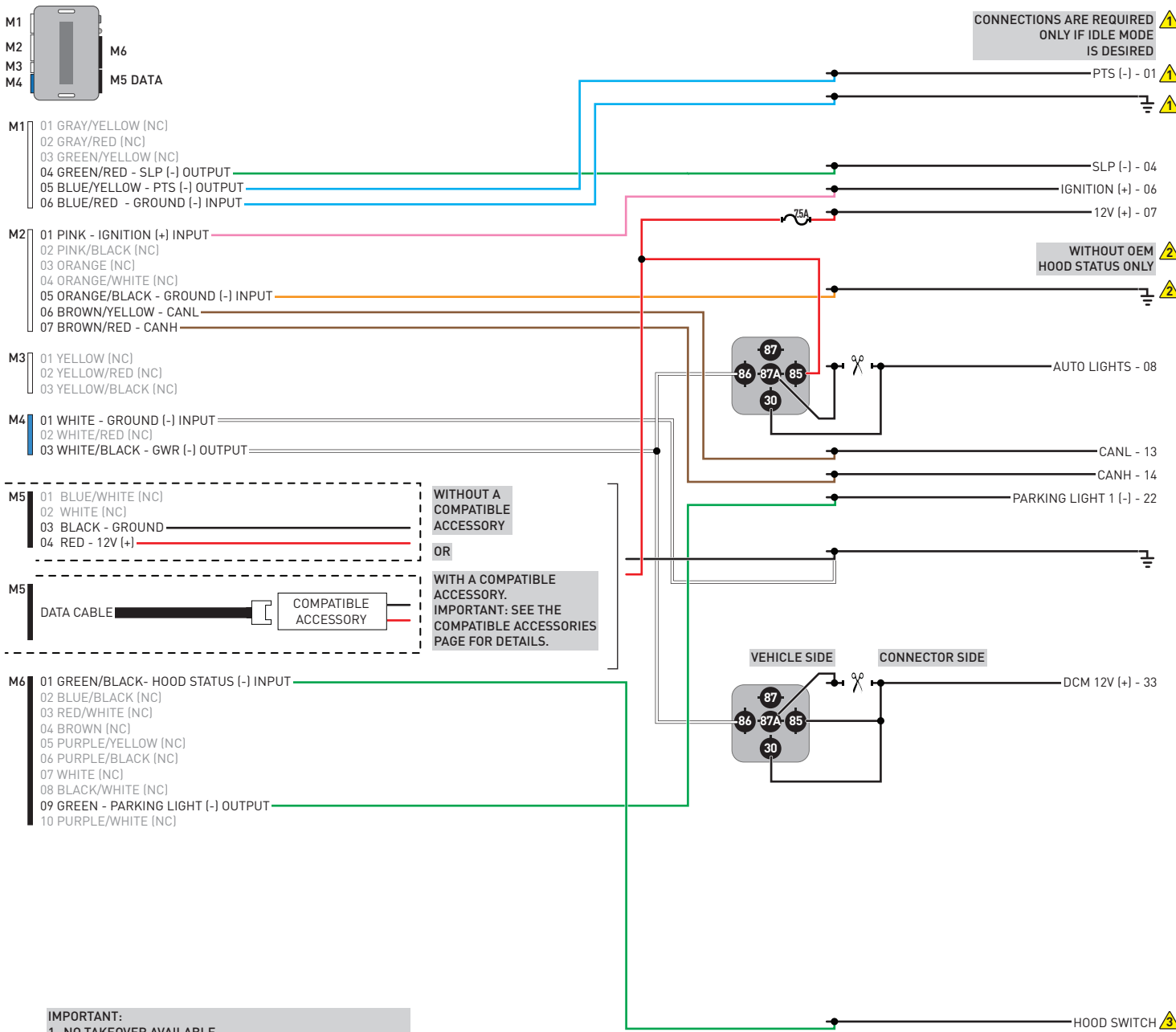
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Sequoia PTS	20	CanH	~	White	30 pin	14	Blue	(DATA)	Main Body ECU, front view	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU, front view	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Gray	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	05	Pink	(-)	PTS button	C
			Auto Lights	~	White	30 pin	08	Green	~	Main Body ECU, front view	A
			Parking Light	~	White	30 pin	22	Tan	(-)	Main Body ECU, front view	A
	DCM 12V	~	White	56 pin	33	Purple	(+)	Main Body ECU, rear view	A		
	Tundra PTS	20-21	CanH	~	White	30 pin	14	Blue	(DATA)	Main Body ECU, front view	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU, front view	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Pink	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Tan	(-)	Steering lock	B
			PTS	~	Black	10 pin	05	Tan	(-)	PTS button	C
			Auto Lights	~	White	30 pin	08	Yellow	~	Main Body ECU, front view	A
Parking Light			~	White	30 pin	22	LtBlue	(-)	Main Body ECU, front view	A	
DCM 12V	~	White	56 pin	33	Red	(+)	Main Body ECU, rear view	A			



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

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
LEXUS	RX350 PTS	20	CanH	~	White	30 pin	14	LtBlue	(DATA)	Main Body ECU, front view	A
			CanL	~	White	30 pin	13	White	(DATA)	Main Body ECU, front view	A
			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, front view	A
			Parking Light 1	~	White	30 pin	22	Purple	(-)	Main Body ECU, front view	A
			DCM 12V	~	White	56 pin	33	Yellow	(+)	Main Body ECU, rear view	A

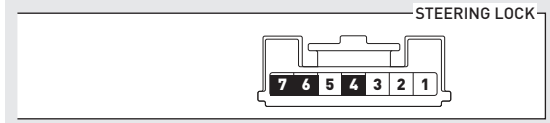
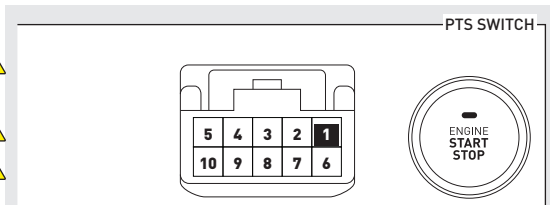


CONNECTIONS ARE REQUIRED ONLY IF IDLE MODE IS DESIRED

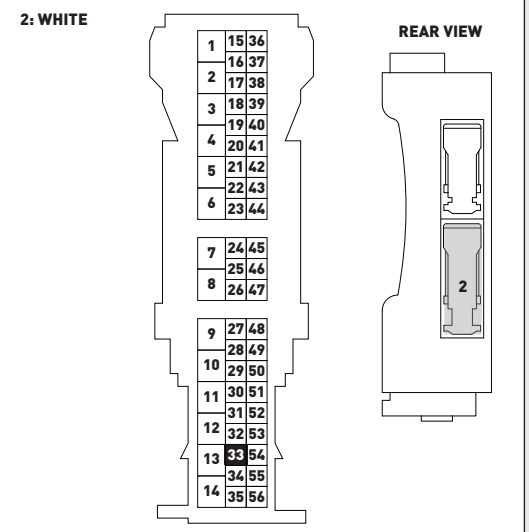
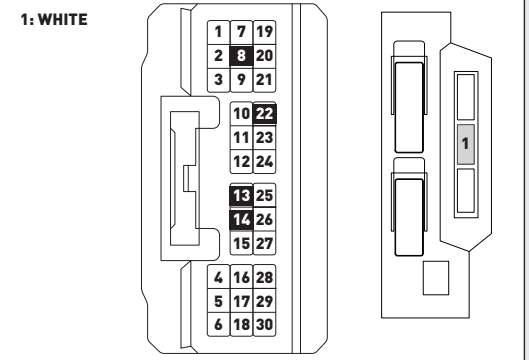
WITHOUT OEM HOOD STATUS ONLY

WITHOUT A COMPATIBLE ACCESSORY
OR
WITH A COMPATIBLE ACCESSORY. IMPORTANT: SEE THE COMPATIBLE ACCESSORIES PAGE FOR DETAILS.

IMPORTANT:
1- NO TAKEOVER AVAILABLE. UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
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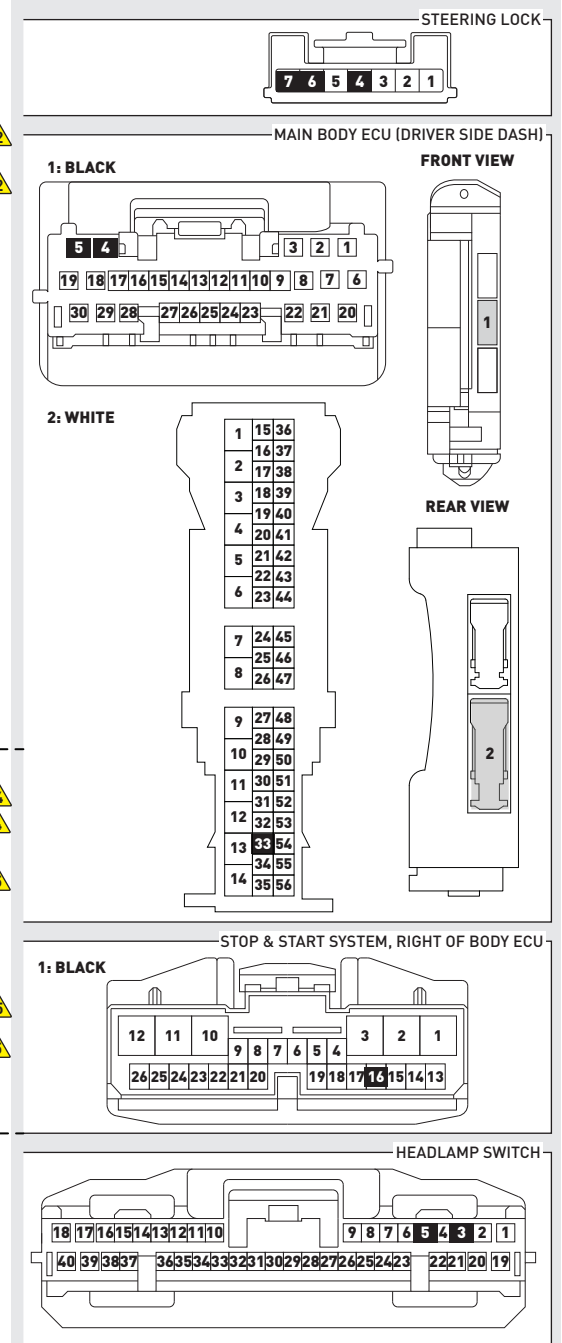
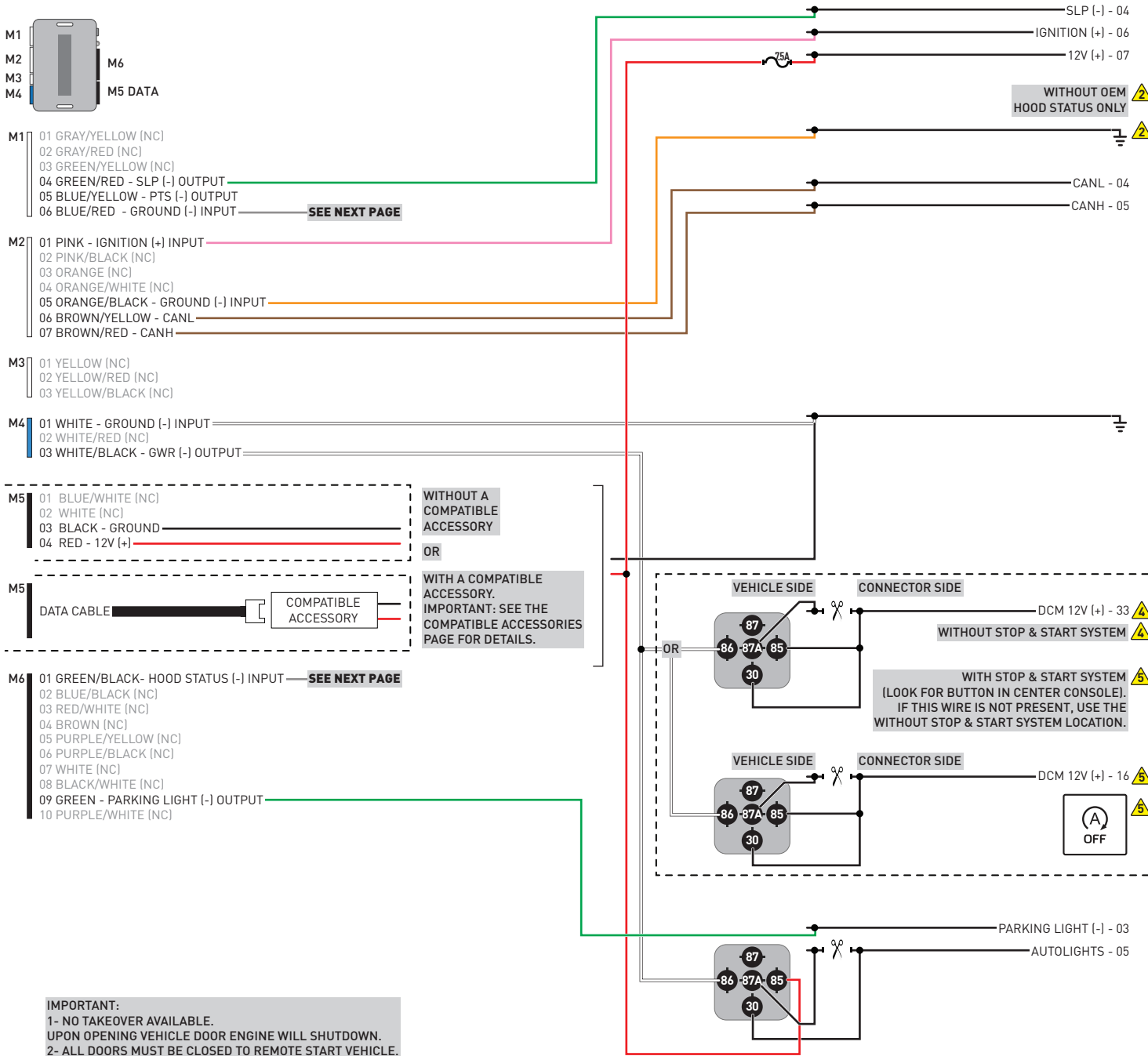


MAIN BODY ECU (DRIVER SIDE DASH)

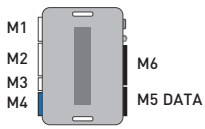


INSTALL THE SUPPLIED HOOD SWITCH IF THE VEHICLE IS NOT EQUIPPED WITH ONE.

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Highlander PTS AT	20-21	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/ Dash fusebox	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/ Dash fusebox	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	LtBlue	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS Switch	C
			Autolight	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F
			DCM 12V with Stop & Start system	H66	Black	26 pin	16	LtGreen	(+)	Engine Stop & Start ECU	A
			DCM 12V without Stop & Start system	4A	White	56 pin	33	Black	(+)	Main Body ECU/Dash fusebox, rear view	A



MORE ON NEXT PAGE ▼



- M1
- 01 GRAY/YELLOW (NC)
 - 02 GRAY/RED (NC)
 - 03 GREEN/YELLOW (NC)
 - 04 GREEN/RED - SLP (-) OUTPUT — **SEE PREVIOUS PAGE**
 - 05 BLUE/YELLOW - PTS (-) OUTPUT
 - 06 BLUE/RED - GROUND (-) INPUT

- M2
- 01 PINK - IGNITION (+) INPUT — **SEE PREVIOUS PAGE**
 - 02 PINK/BLACK (NC)
 - 03 ORANGE (NC)
 - 04 ORANGE/WHITE (NC)
 - 05 ORANGE/BLACK - GROUND (-) INPUT — **SEE PREVIOUS PAGE**
 - 06 BROWN/YELLOW - CANL — **SEE PREVIOUS PAGE**
 - 07 BROWN/RED - CANH — **SEE PREVIOUS PAGE**

- M3
- 01 YELLOW (NC)
 - 02 YELLOW/RED (NC)
 - 03 YELLOW/BLACK (NC)

- M4
- 01 WHITE - GROUND (-) INPUT — **SEE PREVIOUS PAGE**
 - 02 WHITE/RED (NC)
 - 03 WHITE/BLACK - GWR (-) OUTPUT — **SEE PREVIOUS PAGE**

- M5
- 01 BLUE/WHITE (NC)
 - 02 WHITE (NC)
 - 03 BLACK - GROUND
 - 04 RED - 12V (+)

WITHOUT A
COMPATIBLE
ACCESSORY

OR

- M5
- DATA CABLE

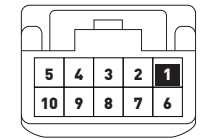


WITH A COMPATIBLE
ACCESSORY.
IMPORTANT: SEE THE
COMPATIBLE ACCESSORIES
PAGE FOR DETAILS.

- M6
- 01 GREEN/BLACK - HOOD STATUS (-) INPUT
 - 02 BLUE/BLACK (NC)
 - 03 RED/WHITE (NC)
 - 04 BROWN (NC)
 - 05 PURPLE/YELLOW (NC)
 - 06 PURPLE/BLACK (NC)
 - 07 WHITE (NC)
 - 08 BLACK/WHITE (NC)
 - 09 GREEN - PARKING LIGHT (-) OUTPUT — **SEE PREVIOUS PAGE**
 - 10 PURPLE/WHITE (NC)

CONNECTIONS ARE REQUIRED
ONLY IF IDLE MODE
IS DESIRED

PTS (-) - 01



PTS SWITCH



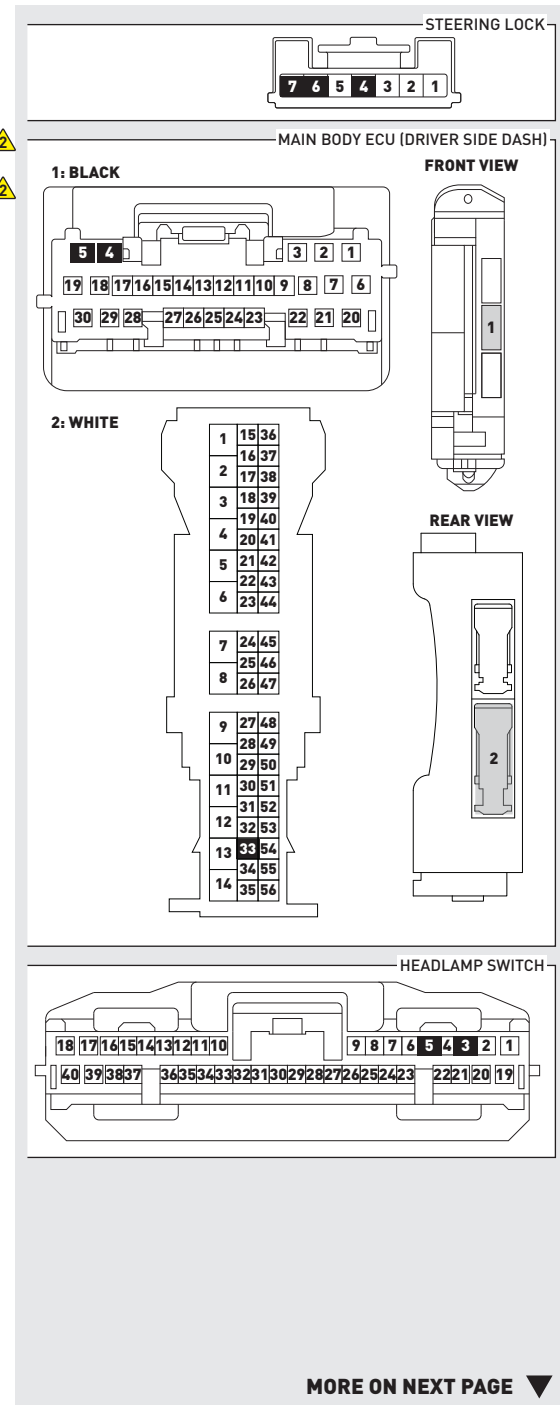
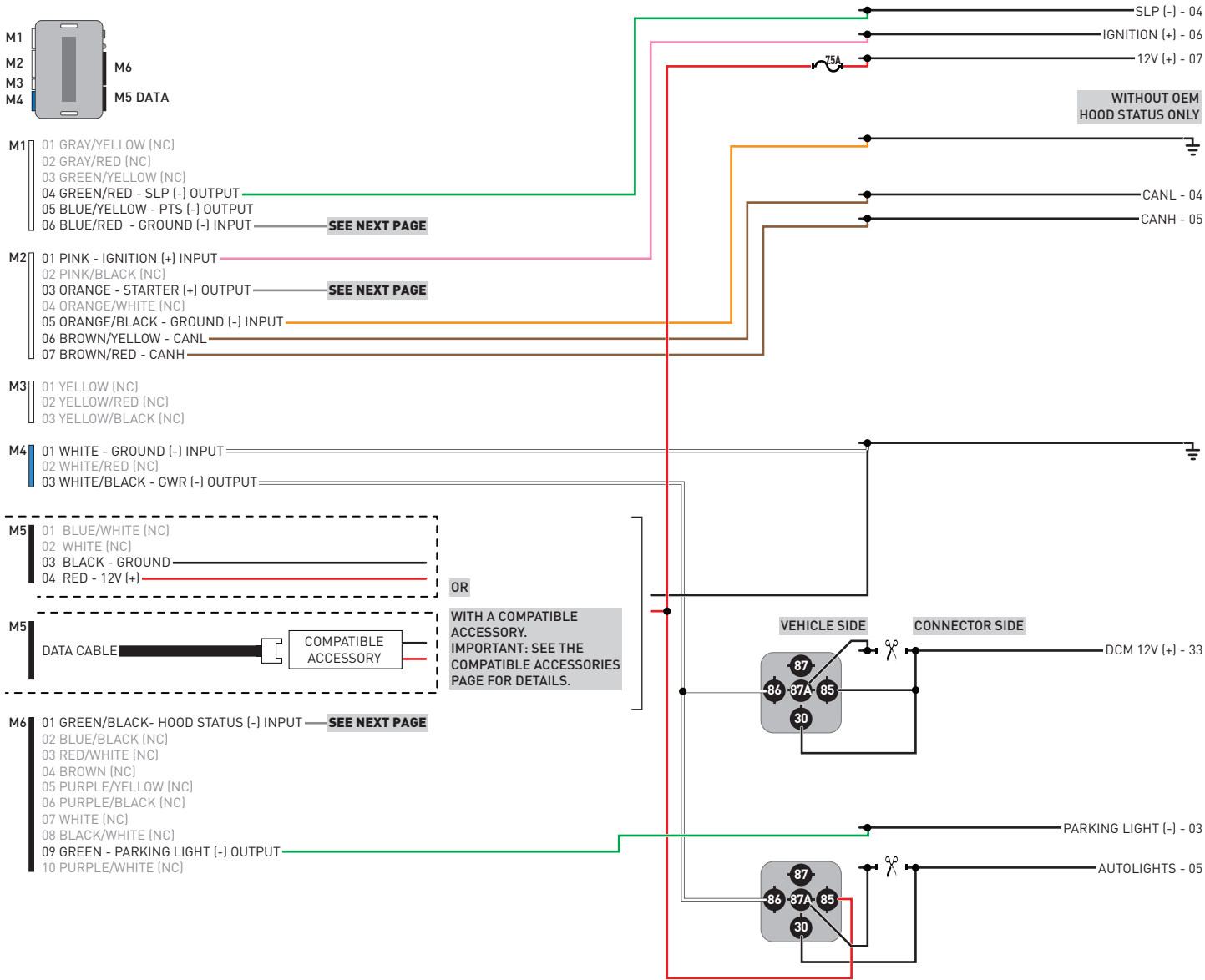
HOOD SWITCH



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

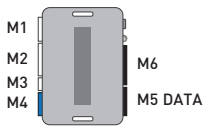
IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Highlander Hybrid PTS AT	20-21	CanH	K52	Black	30 pin	05	Tan	(DATA)	Main Body ECU/ Dash fusebox	A
			CanL	K52	Black	30 pin	04	White	(DATA)	Main Body ECU/ Dash fusebox	A
			12V	~	Black	07 pin	07	White	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	LtGreen	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	LtBlue	(-)	Steering lock	B
			PTS	~	Black	10 pin	01	Blue	(-)	PTS Switch	C
			Autolight	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F
			Starter	~	Black	54 pin	04	Pink	(+)	Hybrid ECU, next to dash fusebox	A
			DCM 12V	4A	White	56 pin	33	Black	(+)	Main Body ECU/dash fusebox, rear view	A



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

MORE ON NEXT PAGE ▼



- M1 01 GRAY/YELLOW (NC)
02 GRAY/RED (NC)
03 GREEN/YELLOW (NC)
04 GREEN/RED - SLP (-) OUTPUT
05 BLUE/YELLOW - PTS (-) OUTPUT
06 BLUE/RED - GROUND (-) INPUT

SEE PREVIOUS PAGE

- M2 01 PINK - IGNITION (+) INPUT
02 PINK/BLACK (NC)
03 ORANGE - STARTER (+) OUTPUT
04 ORANGE/WHITE (NC)
05 ORANGE/BLACK - GROUND (-) INPUT
06 BROWN/YELLOW - CANL
07 BROWN/RED - CANH

SEE PREVIOUS PAGE

SEE PREVIOUS PAGE

SEE PREVIOUS PAGE

SEE PREVIOUS PAGE

- M3 01 YELLOW (NC)
02 YELLOW/RED (NC)
03 YELLOW/BLACK (NC)

- M4 01 WHITE - GROUND (-) INPUT
02 WHITE/RED (NC)
03 WHITE/BLACK - GWR (-) OUTPUT

SEE PREVIOUS PAGE

SEE PREVIOUS PAGE

- M5 01 BLUE/WHITE (NC)
02 WHITE (NC)
03 BLACK - GROUND
04 RED - 12V (+)

WITHOUT A COMPATIBLE ACCESSORY

OR

- M5 DATA CABLE



WITH A COMPATIBLE ACCESSORY. IMPORTANT: SEE THE COMPATIBLE ACCESSORIES PAGE FOR DETAILS.

- M6 01 GREEN/BLACK - HOOD STATUS (-) INPUT
02 BLUE/BLACK (NC)
03 RED/WHITE (NC)
04 BROWN (NC)
05 PURPLE/YELLOW (NC)
06 PURPLE/BLACK (NC)
07 WHITE (NC)
08 BLACK/WHITE (NC)
09 GREEN - PARKING LIGHT (-) OUTPUT
10 PURPLE/WHITE (NC)

SEE PREVIOUS PAGE

CONNECTIONS ARE REQUIRED ONLY IF IDLE MODE IS DESIRED

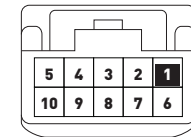
PTS (-) - 01

STARTER (+) - 04

HOOD SWITCH

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

MORE ON PREVIOUS PAGE ▲

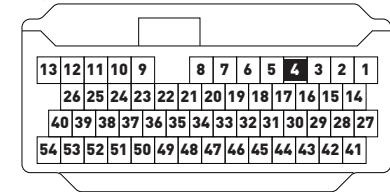


PTS SWITCH



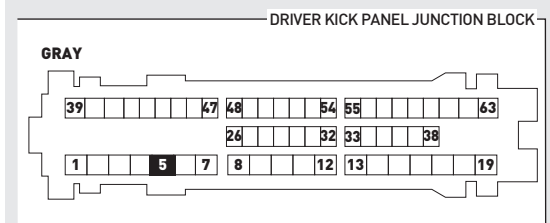
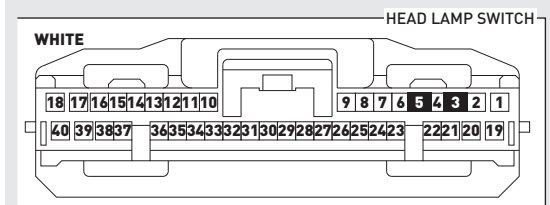
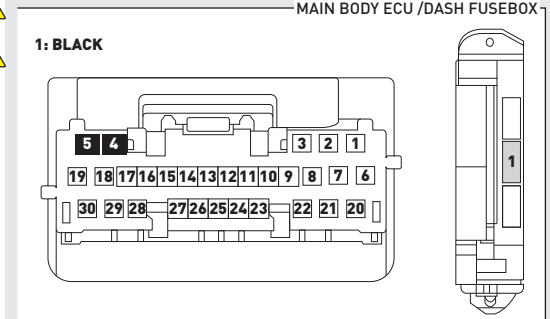
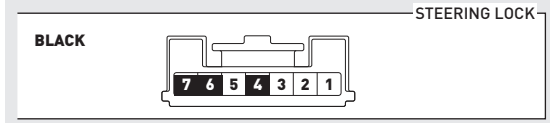
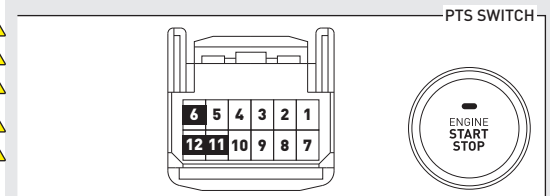
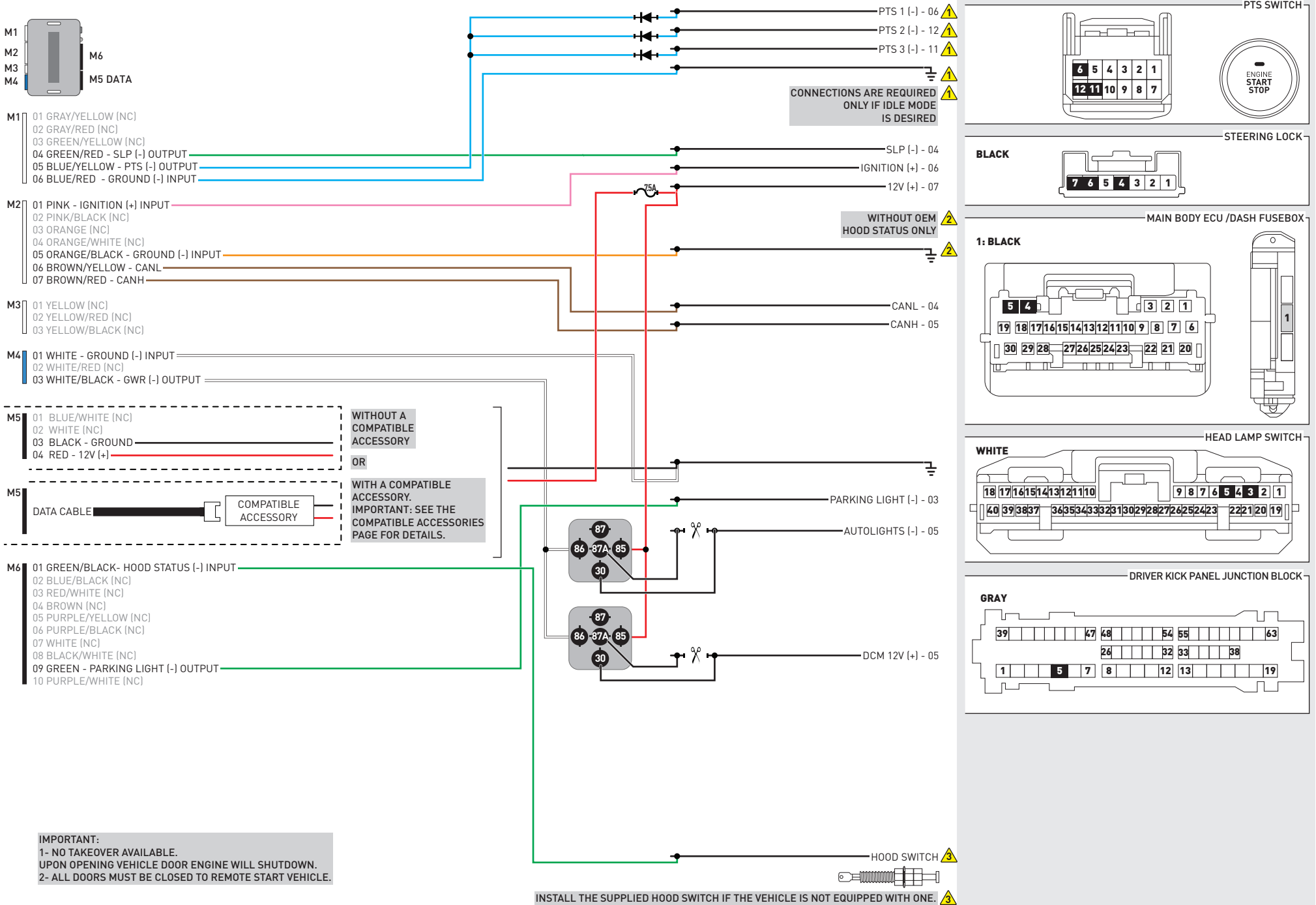
HYBRID CONTROL ECU, NEXT TO DASH FUSEBOX

1: BLACK

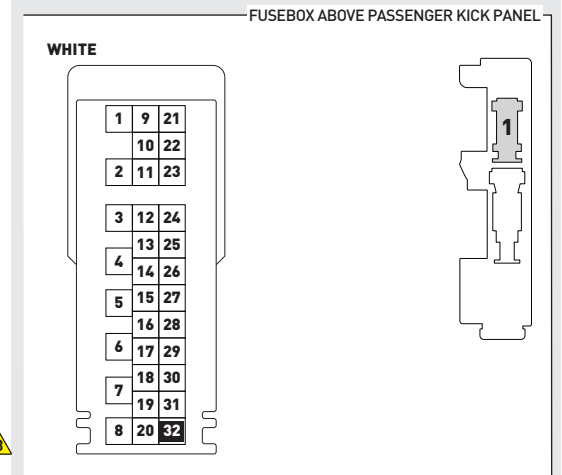
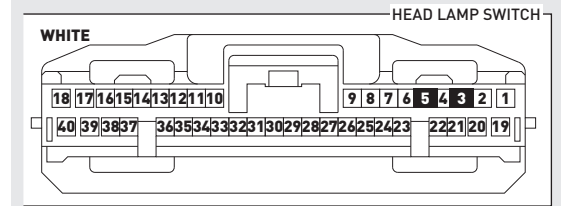
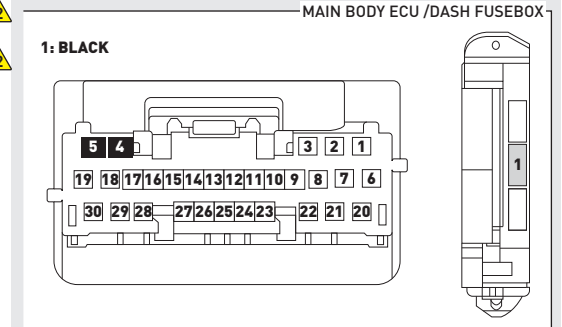
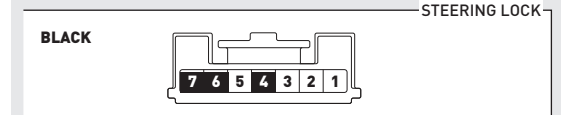
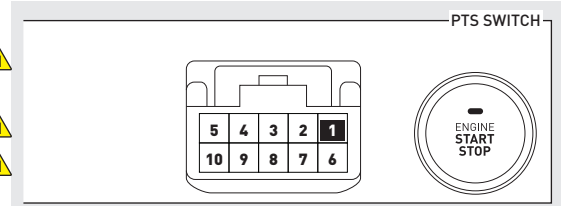
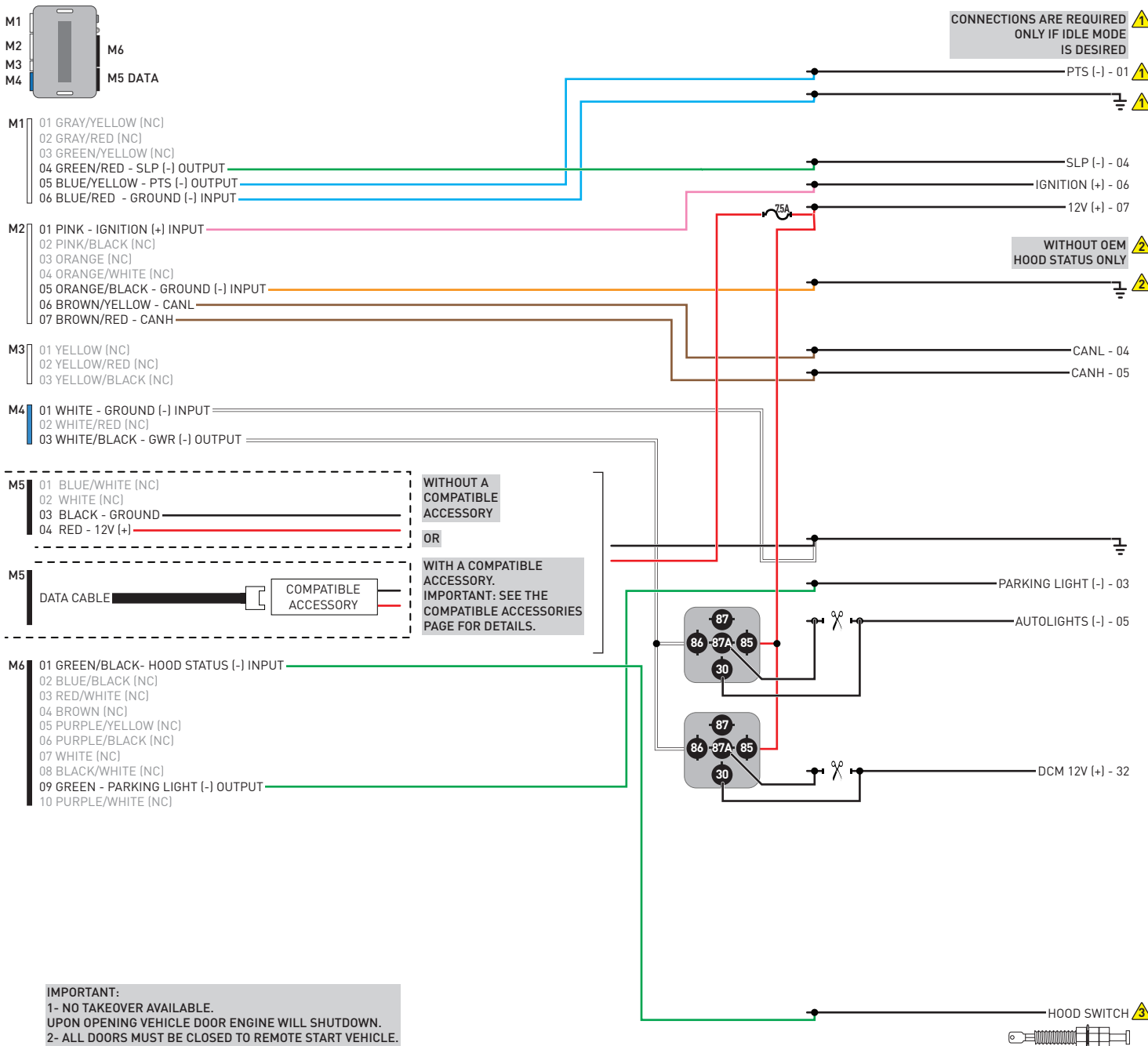


IMPORTANT:
1- NO TAKEOVER AVAILABLE.
UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla PTS AT	20-21	CanH	~	Black	30 pin	05	Black	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Black	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	LtBlue	(-)	Steering lock	B
			PTS 1	~	Black	12 pin	06	Blue	(-)	PTS switch	C
			PTS 2	~	Black	12 pin	12	Purple	(-)	PTS switch	C
			PTS 3	~	Black	12 pin	11	Pink	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	F
	DCM 12V	A17	Gray	63 pin	05	LtGreen	(+)	Driver kick panel junction block	~		
	Corolla Hatchback PTS AT	20-21	CanH	~	Black	30 pin	05	Black	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Blue	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	Red	(-)	Steering lock	B
			PTS 1	~	Black	12 pin	06	Blue	(-)	PTS switch	C
			PTS 2	~	Black	12 pin	12	Purple	(-)	PTS switch	C
			PTS 3	~	Black	12 pin	11	Pink	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	F
Parking Light			~	White	40 pin	03	Green	(-)	Headlamp switch	F	
DCM 12V	A17	Gray	63 pin	05	LtGreen	(+)	Driver kick panel junction block	~			



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
LEXUS	LC500 PTS AT	20-21	CanH	~	Black	30 pin	05	Tan	[DATA]	Main Body ECU/Dash fuse box	A
			CanL	~	Black	30 pin	04	White	[DATA]	Main Body ECU/Dash fuse box	A
			12V	~	Black	07 pin	07	Purple	(+)	Steering lock	B
			Ignition	~	Black	07 pin	06	Red	(+)	Steering lock	B
			SLP	~	Black	07 pin	04	White	(-)	Steering lock	B
			PTS 1	~	Black	10 pin	01	Green	(-)	PTS switch	C
			Autolights	~	White	40 pin	05	White or Yellow	(-)	Headlamp switch	F
			Parking Light	~	White	40 pin	03	Blue/Black or Green	(-)	Headlamp switch	F
			DCM 12V	4B	White	32 pin	32	LtPurple/Pink	(+)	Back of passenger side fusebox	~



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

>>



IMPORTANT: The hood must be closed.

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.


>>

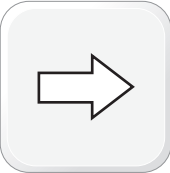


To exit valet mode: repeat steps 1 to 5.


AFTERMARKET REMOTE PROGRAMMING: NOTES	
<p>I All aftermarket remotes must be programmed to the RF-Kit.</p> <p>Refer to the RF-Kit user guide for aftermarket remote features and programming procedures.</p>	


>>  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.

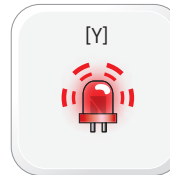
06  TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.


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

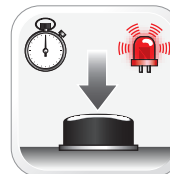
08  IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

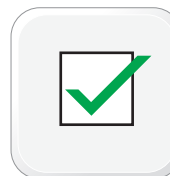
09  To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.


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.

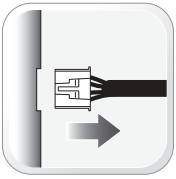
>>  Failure to exit the Module Navigation will drain vehicle battery.

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

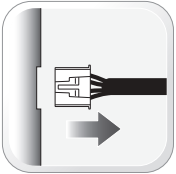
*Vehicle will shutdown when a door is opened.

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.



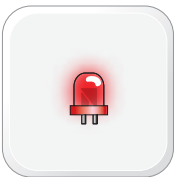
03 PRESS AND HOLD programming button while connecting the BLACK 4-PIN connector.



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



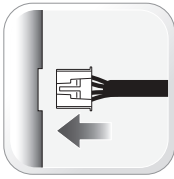
05 LED 1 will turn RED for 2 seconds.



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 the LOCK button once [1x] on the aftermarket keyfob.
	Question 1: Do the doors lock?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
4	Press the UNLOCK button once [1x] on the aftermarket keyfob.
	Question 2: Do the doors unlock?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
5	Press the TRUNK release button once [1x] on the aftermarket keyfob if supported.
	Question 3: Does the trunk or hatch open/unlock?
<input type="checkbox"/>	YES: Close trunk or hatch and go to next step.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired trunk/hatch connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.
6	Press the AUX 1 button once [1x] on the aftermarket keyfob if supported.
	Question 4: Does the driver side sliding door open?
<input type="checkbox"/>	YES: Press the AUX 1 button once [1x] to close the driver sliding door and go to next step.
<input type="checkbox"/>	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.
7	Press the AUX 2 button once [1x] on the aftermarket keyfob if supported.
	Question 5: Does the passenger side sliding door open?
<input type="checkbox"/>	YES: Press the AUX 2 button once [1x] to close the passenger sliding door and go to next step.
<input type="checkbox"/>	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.
8	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
	Question 6: Does the vehicle remote start?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and check the remote start error codes. Repeat the test and call technical support, if the problem persists.
9	Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle.
	Question 7: Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Repeat step. If problem persists, press the brake pedal once [1x] to shut down the vehicle and call technical support.
10	RAP and auto light shutdown test
	Question 8: Did the radio, interior controls and headlights turn off within 60 seconds after remote start shutdown?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support if the problem persists.
11	Open hood.
12	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
13	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
	Question 9: Does the vehicle remote start?
<input type="checkbox"/>	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
<input type="checkbox"/>	NO: Go to next step.
14	Close hood.
15	Enter vehicle and close the doors.
16	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
17	Wait for the vehicle to start.
18	Press brake pedal.
	Question 10: Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: The module does NOT detect the brake pedal signal. Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle, check connection as illustrated in the wiring diagram, if applicable, and call technical support.
19	Exit vehicle.
20	Installation checklist completed.