



Automotive Data Solutions Inc.

INSTALL GUIDE

ADS-AL(DL)-TL12-EN

TL12

AVAILABLE FOR: ADS-AL CA

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PATENT NO. US 8,856,780 CA 2759622

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 **TOYOTA**

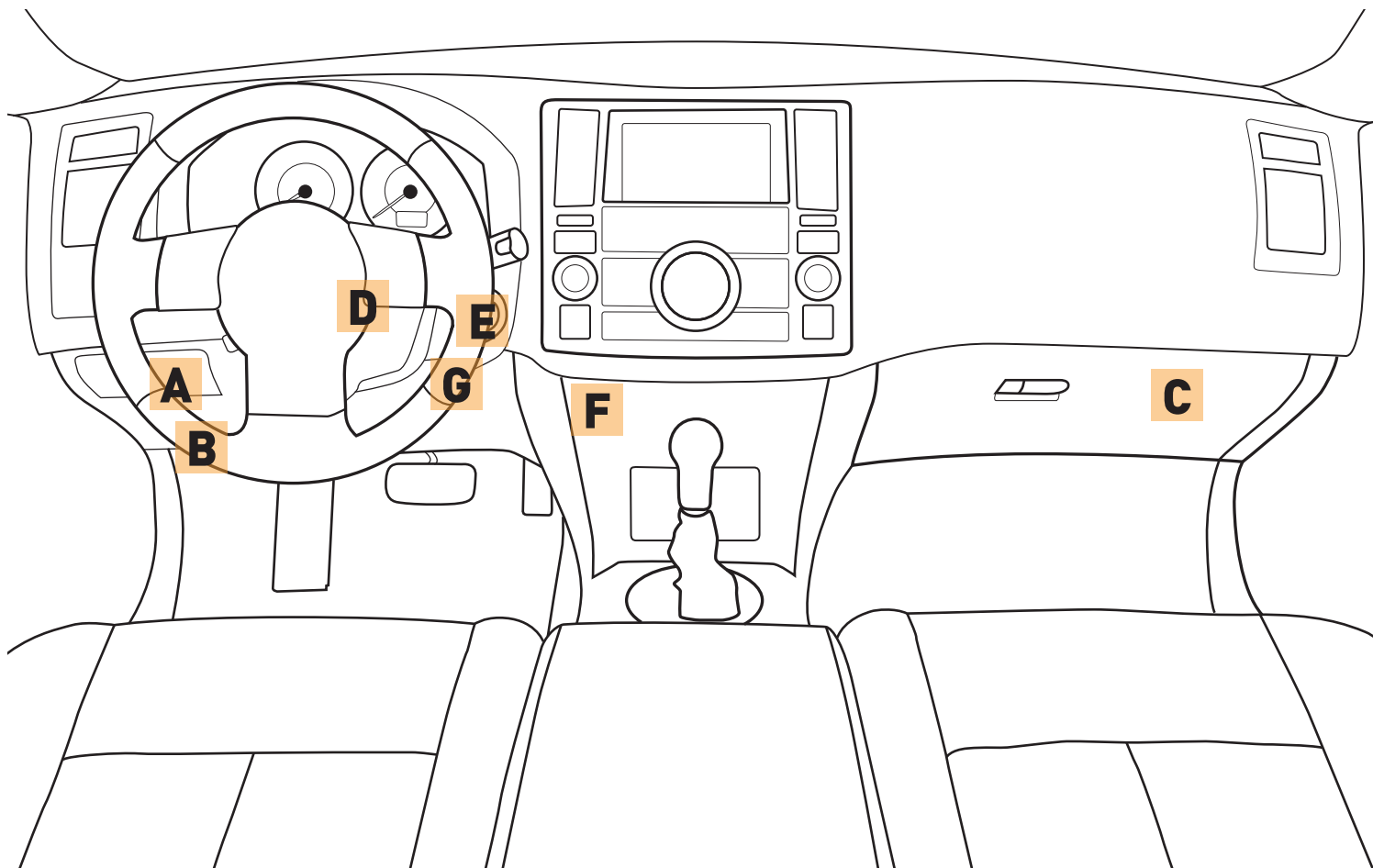
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INSTALL TYPE SELECTION - 1 OF 1

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES																
				DATA IMMOBILIZER BYPASS	3X LOCK REMOTE START	POWER SLIDING DOORS (L + R)	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	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT*	TACHOMETER OUTPUT	BRAKE PEDAL STATUS OUTPUT	TRUNK/HATCH RELEASE	POWER LIFTGATE
TOYOTA	Corolla PTS AT	23	8	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Corolla Cross PTS AT	22	4	•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
	Corolla Cross PTS AT	23	6	•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
	GR Corolla PTS MT	23	7	•	•		•	•	•	•	•	•	•	•	•	•			•	•
	Rav4 Prime PTS AT	21-22	3	•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
	Sienna PTS AT	21-23	1	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
	Tundra PTS AT	22	5	•	•		•	•	•	•	•	•	•	•	•	•			•	•
	Venza PTS AT	21-23	2	•	•		•	•	•	•	•	•	•	•	•	•		•	•	•

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

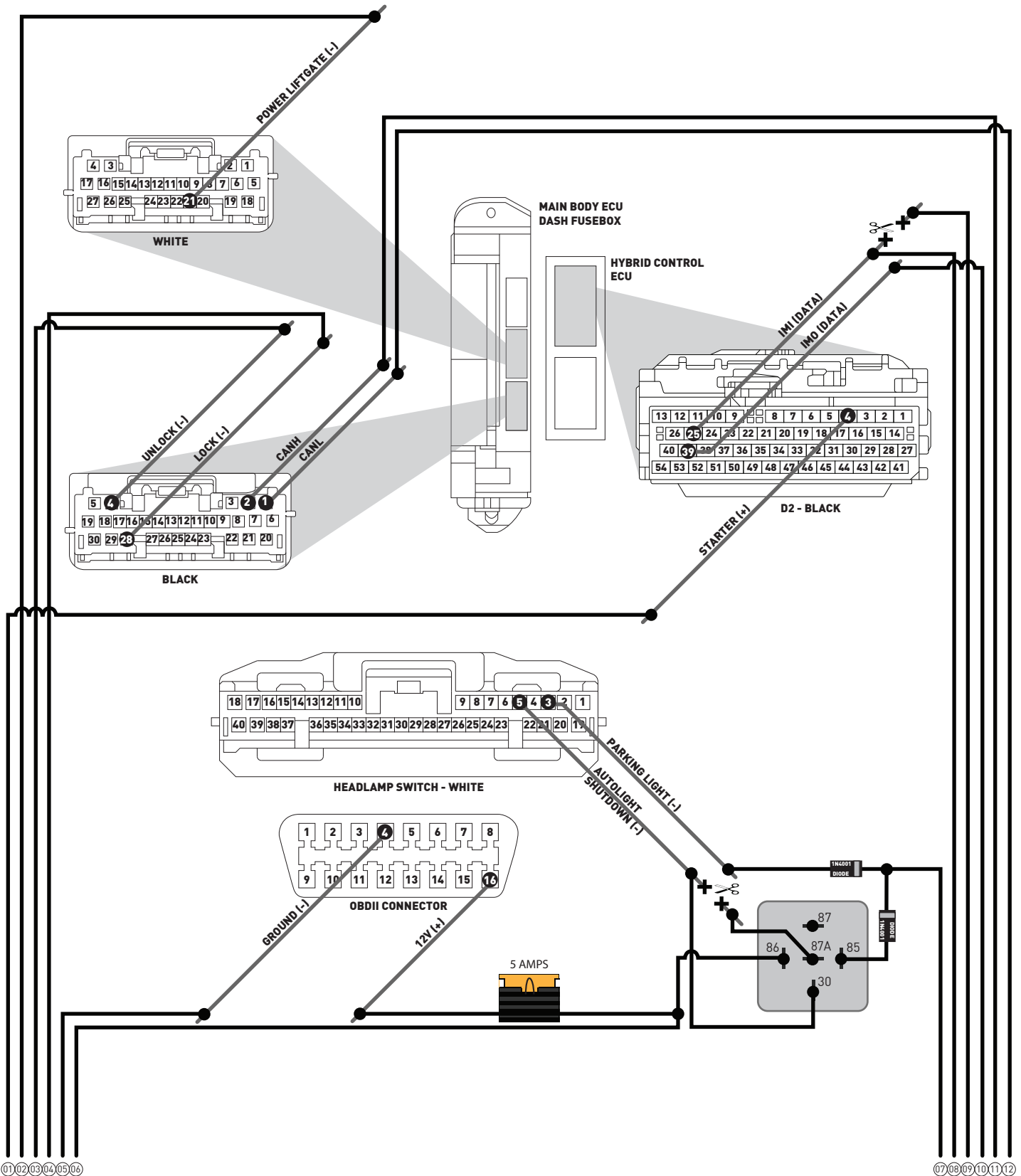
COMPONENT LOCATOR



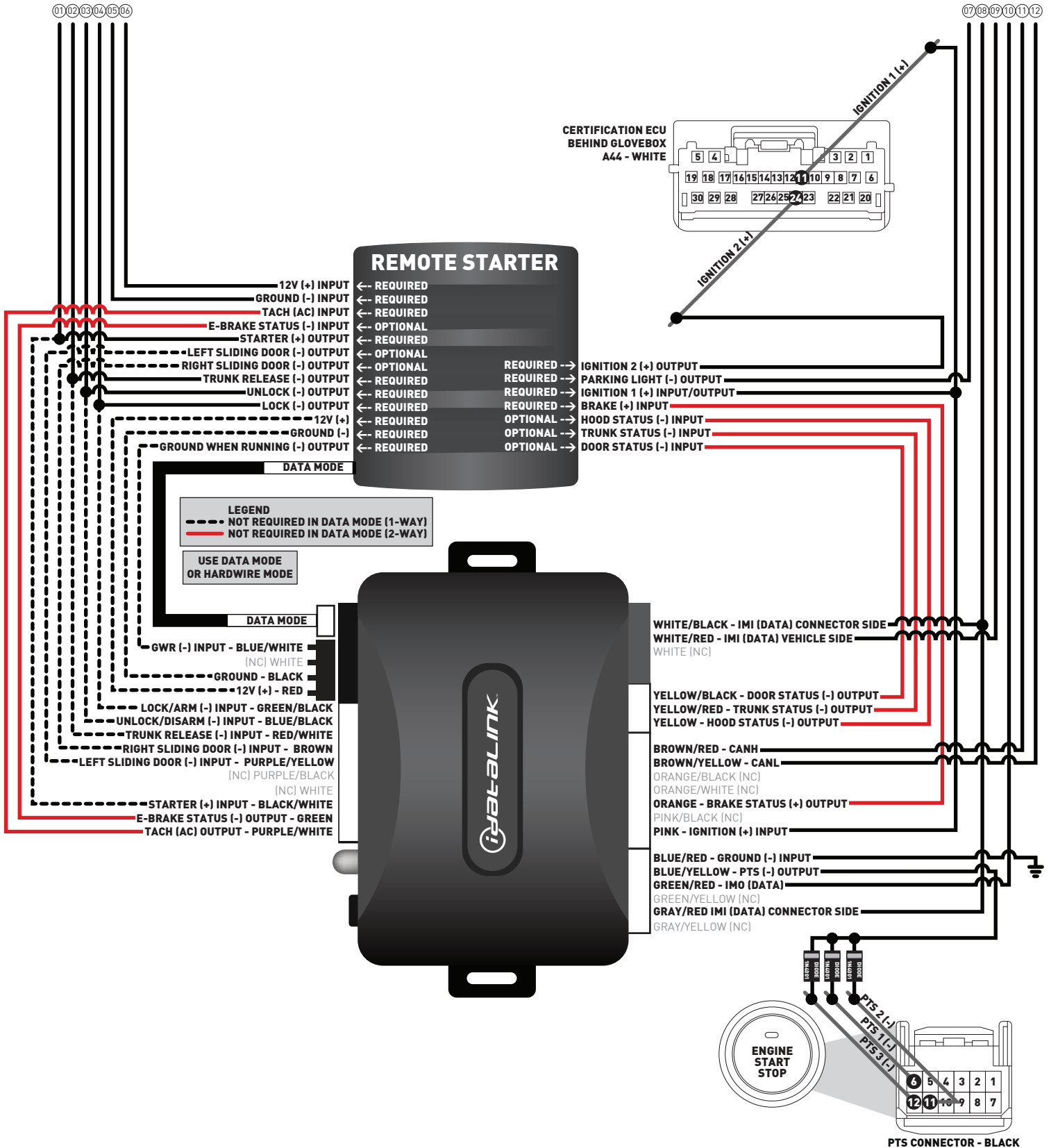
TYPE 1 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Sienna PTS AT	21-23	CanH	D4	Black	30 pin	02	LtGreen	(DATA)	Main body ECU / Dash fuse box	A
			CanL	D4	Black	30 pin	01	White	(DATA)	Main body ECU / Dash fuse box	A
			12V	~	White	16 pin	16	Black	(+)	OBDII connector	B
			Ground	~	White	16 pin	04	White/Black	(-)	OBDII connector	B
			Ignition 1	A44	White	30 pin	11	White	(+)	Certification ECU, behind glovebox	C
			Ignition 2	A44	White	30 pin	24	Purple	(+)	Certification ECU, behind glovebox	C
			PTS 1	~	Black	12 pin	06	Black	(-)	PTS switch	E
			PTS 2	~	Black	12 pin	11	Purple	(-)	PTS switch	E
			PTS 3	~	Black	12 pin	12	Blue	(-)	PTS switch	E
			Starter	D2	Black	54 pin	04	Purple	(+)	Hybrid control ECU, right of dash fusebox	A
			IMI	D2	Black	54 pin	25	Purple	(DATA)	Hybrid control ECU, right of dash fusebox	A
			IMO	D2	Black	54 pin	39	Green	(DATA)	Hybrid control ECU, right of dash fusebox	A
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	D4	Black	30 pin	04	Blue	(-)	Main body ECU / Dash fuse box	A
			Lock	D4	Black	30 pin	28	LtGreen	(-)	Main body ECU / Dash fuse box	A
Power Liftgate	D3	White	27 pin	21	Red	(-)	Main body ECU / Dash fuse box	A			

TYPE 1 - WIRING DIAGRAM - 1 OF 2



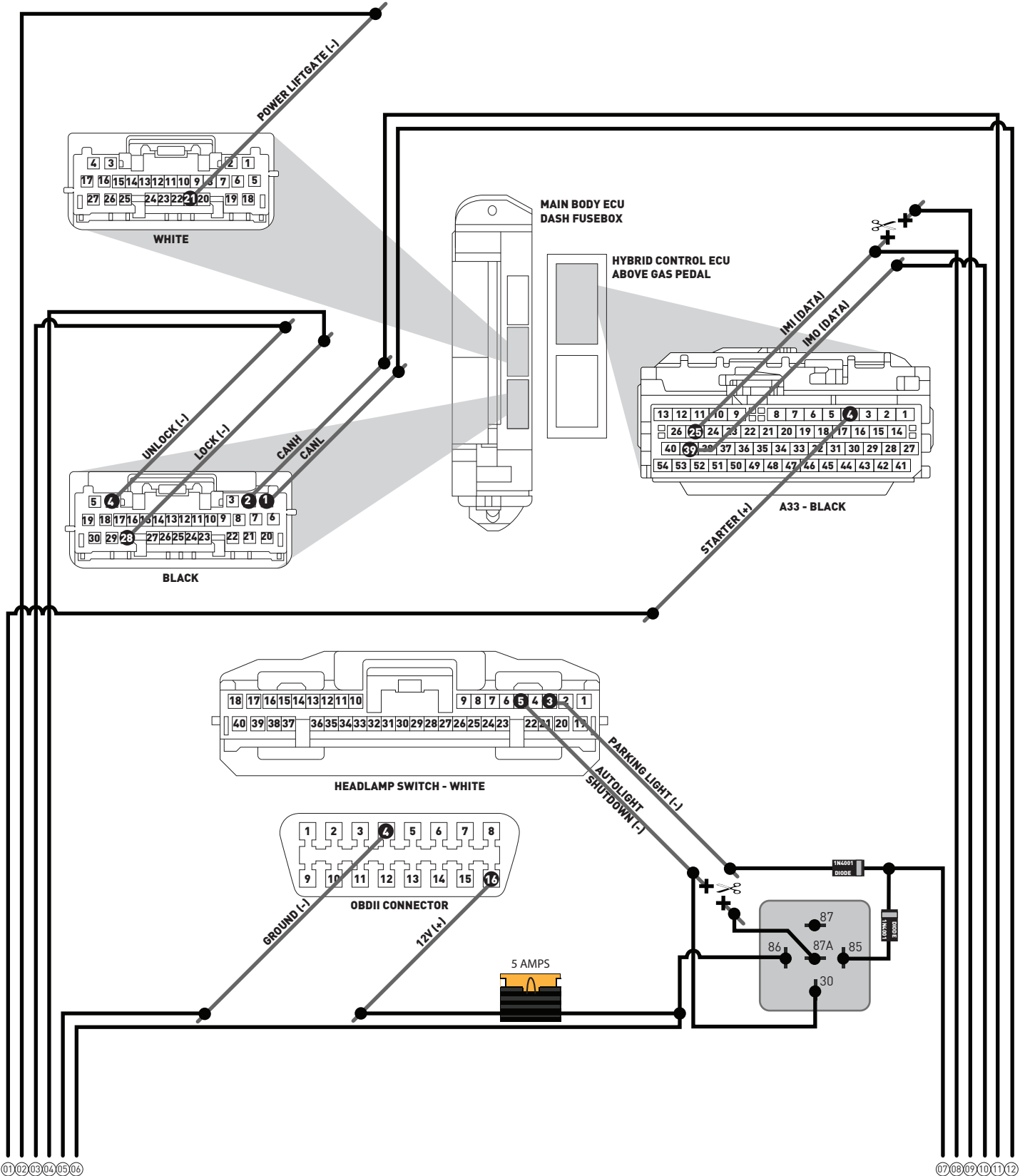
TYPE 1 - WIRING DIAGRAM - 2 OF 2



TYPE 2 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Venza PTS AT	21-23	CanH	~	Black	30 pin	02	Tan	(DATA)	Main body ECU / Dash fuse box	A
			CanL	~	Black	30 pin	01	White	(DATA)	Main body ECU / Dash fuse box	A
			12V	~	White	16 pin	16	Red	(+)	OBDII connector	B
			Ground	~	White	16 pin	04	White/Black	(-)	OBDII connector	B
			Ignition 1	A15	White	30 pin	11	Red	(+)	Certification ECU, behind glovebox	C
			Ignition 2	A15	White	30 pin	24	Green	(+)	Certification ECU, behind glovebox	C
			PTS 1	~	Black	12 pin	06	Blue	(-)	PTS switch	F
			PTS 2	~	Black	12 pin	11	Tan	(-)	PTS switch	F
			PTS 3	~	Black	12 pin	12	Gray	(-)	PTS switch	F
			Starter	A33	Black	54 pin	04	Blue	(+)	Hybrid control ECU, above gas pedal	G
			IMI	A33	Black	54 pin	25	Blue	(DATA)	Hybrid control ECU, above gas pedal	G
			IMO	A33	Black	54 pin	39	Purple	(DATA)	Hybrid control ECU, above gas pedal	G
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	~	Black	30 pin	04	Tan	(-)	Main body ECU / Dash fuse box	A
			Lock	~	Black	30 pin	28	LtGreen	(-)	Main body ECU / Dash fuse box	A
Power Liftgate	E36	White	27 pin	21	Green	(-)	Main body ECU / Dash fuse box	A			

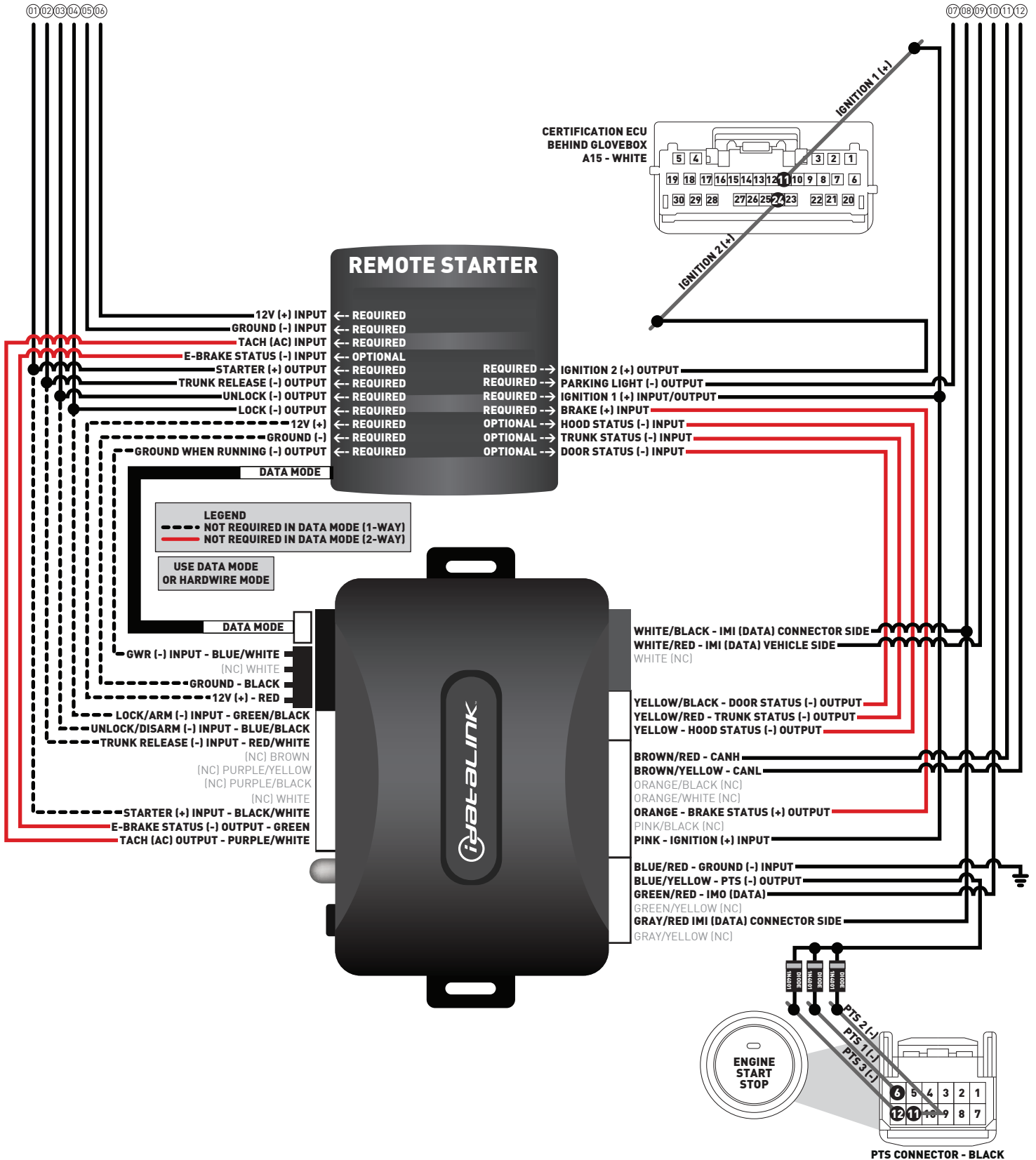
TYPE 2 - WIRING DIAGRAM - 1 OF 2



01 02 03 04 05 06

07 08 09 10 11 12

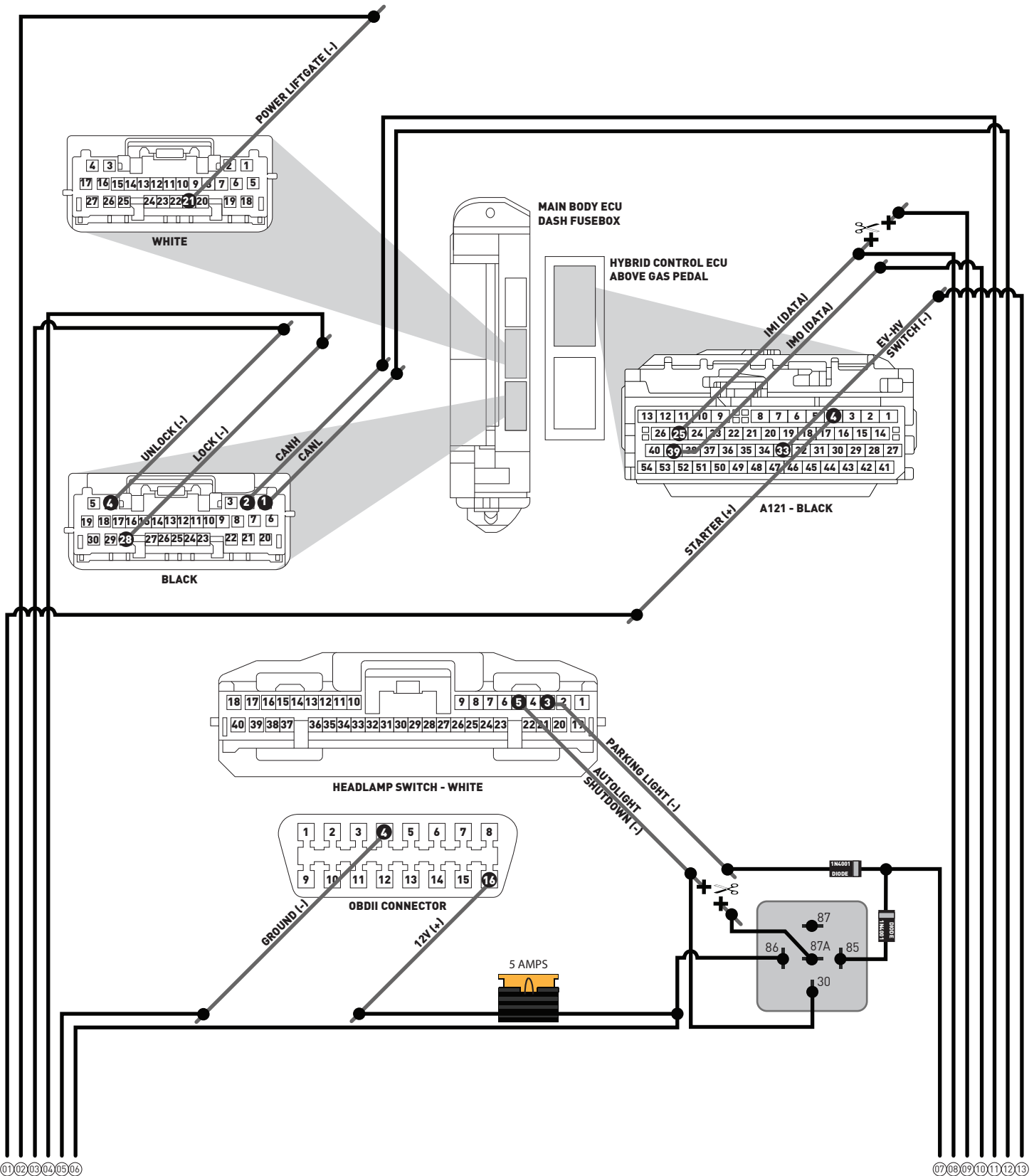
TYPE 2 - WIRING DIAGRAM - 2 OF 2



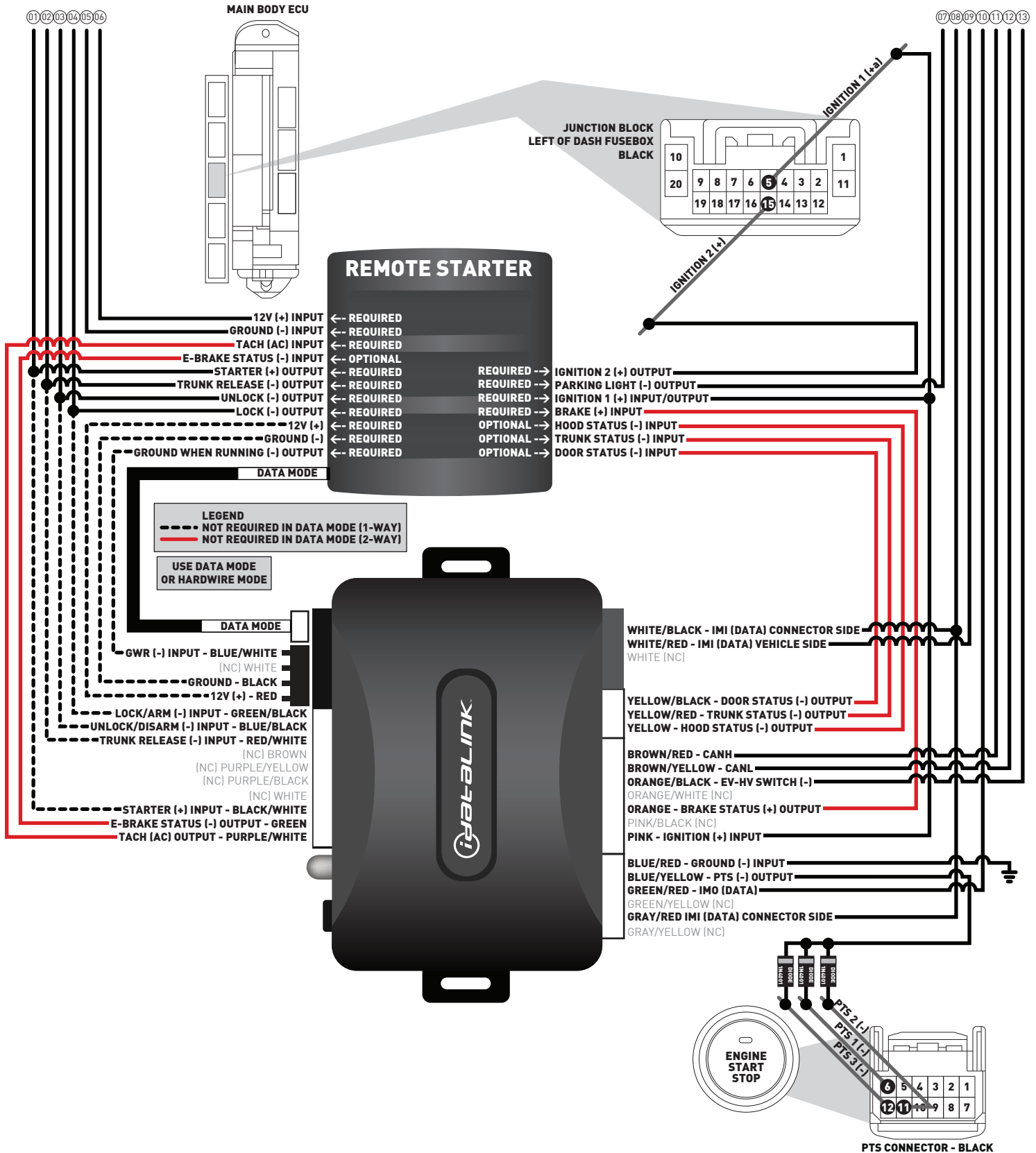
TYPE 3 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Rav4 Prime PTS AT	21-22	CanH	~	Black	30 pin	02	Tan	(DATA)	Main body ECU / Dash fuse box	A
			CanL	~	Black	30 pin	01	White	(DATA)	Main body ECU / Dash fuse box	A
			12V	~	White	16 pin	16	Red	(+)	OBDII connector	B
			Ground	~	White	16 pin	04	White/Black	(-)	OBDII connector	B
			Ignition 1	~	Black	20 pin	05	Tan	(+)	Junction block, left of dash fusebox	A
			Ignition 2	~	Black	20 pin	15	LtBlue	(+)	Junction block, left of dash fusebox	A
			PTS 1	~	Black	12 pin	06	Blue	(-)	PTS switch	F
			PTS 2	~	Black	12 pin	11	LtBlue	(-)	PTS switch	F
			PTS 3	~	Black	12 pin	12	Gray	(-)	PTS switch	F
			Starter	A121	Black	54 pin	04	Blue	(+)	Hybrid control ECU, above gas pedal	G
			IMI	A121	Black	54 pin	25	LtPurple/Blue	(DATA)	Hybrid control ECU, above gas pedal	G
			IMO	A121	Black	54 pin	39	LtPurple/LtGreen	(DATA)	Hybrid control ECU, above gas pedal	G
			Parking Light	~	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	~	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	~	Black	30 pin	04	Tan	(-)	Main body ECU / Dash fuse box	A
			Lock	~	Black	30 pin	28	LtGreen	(-)	Main body ECU / Dash fuse box	A
			Power Liftgate	~	White	27 pin	21	Green	(-)	Main body ECU / Dash fuse box	A
EV-HV Switch	A121	Black	54 pin	33	Gray	(-)	Hybrid control ECU, above gas pedal	G			

TYPE 3 - WIRING DIAGRAM - 1 OF 2



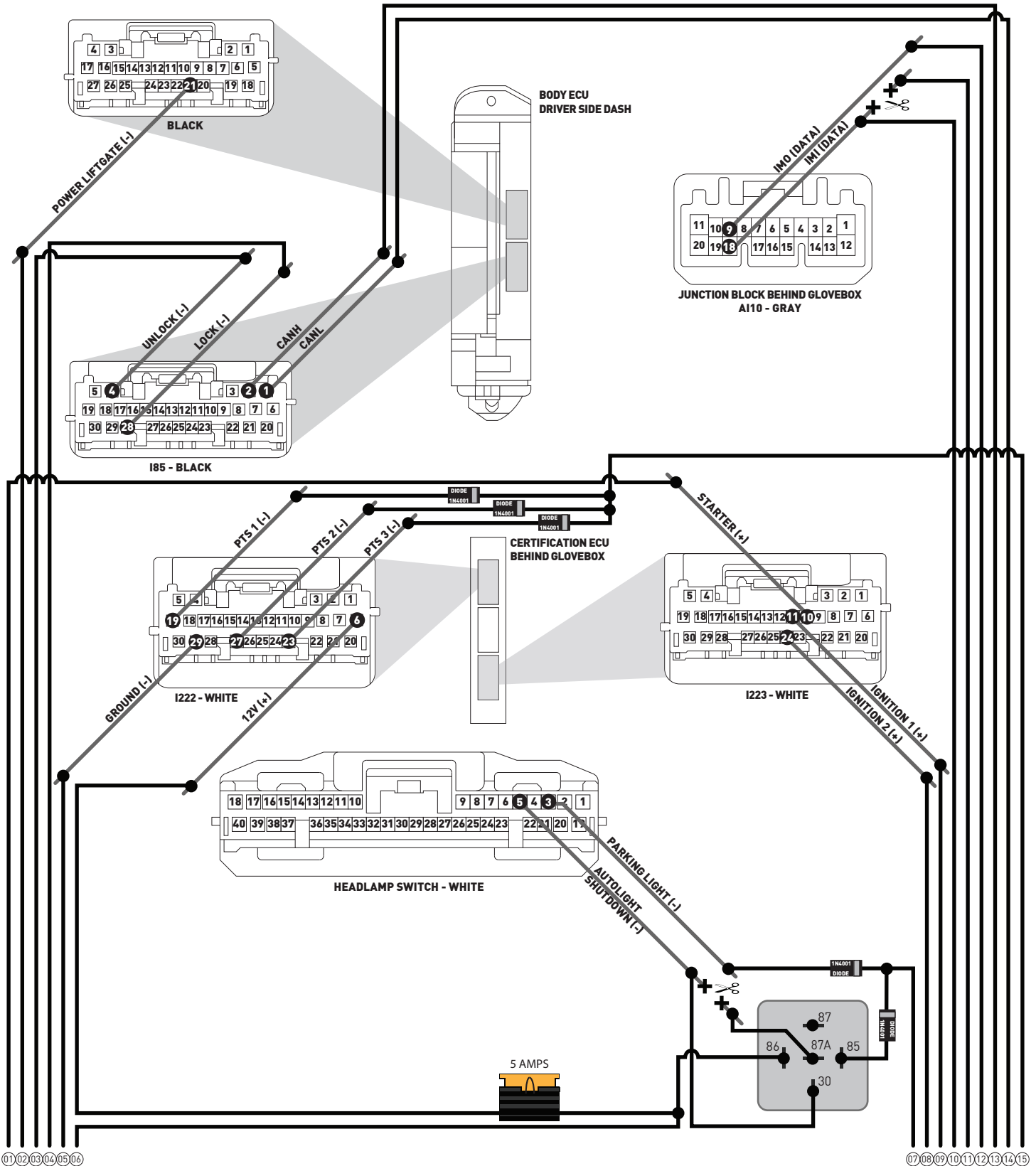
TYPE 3 - WIRING DIAGRAM - 2 OF 2



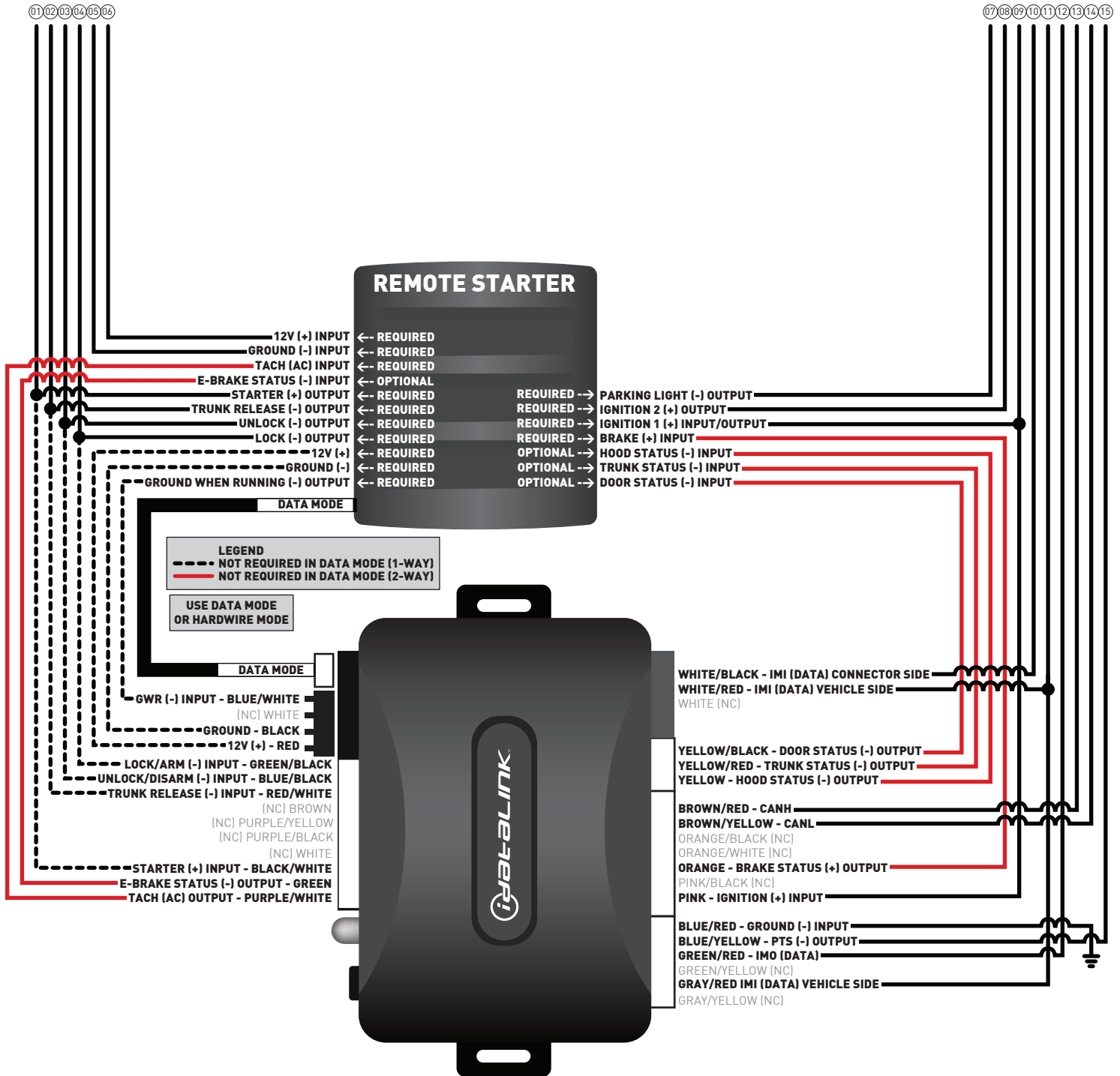
TYPE 4 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla Cross PTS AT	22	CanH	I85	Black	30 pin	02	Blue	(DATA)	Main body ECU / Dash fusebox, driver side	A
			CanL	I85	Black	30 pin	01	White	(DATA)	Main body ECU / Dash fusebox, driver side	A
			12V	I222	White	30 pin	06	Brown	(+)	Certification ECU, behind glovebox	C
			Ground	I222	White	30 pin	29	White/Black	(-)	Certification ECU, behind glovebox	C
			Ignition 1	I223	White	30 pin	11	Blue	(+)	Certification ECU, behind glovebox	C
			Ignition 2	I223	White	30 pin	24	LtBlue	(+)	Certification ECU, behind glovebox	C
			PTS 1	I222	White	30 pin	19	Purple	(-)	Certification ECU, behind glovebox	C
			PTS 2	I222	White	30 pin	27	Blue	(-)	Certification ECU, behind glovebox	C
			PTS 3	I222	White	30 pin	23	Pink	(-)	Certification ECU, behind glovebox	C
			Starter	I223	White	30 pin	10	White	(+)	Certification ECU, behind glovebox	C
			IMI	AI10	Gray	20 pin	18	LtBlue	(DATA)	Junction connector, behind glovebox	C
			IMO	AI10	Gray	20 pin	09	Black	(DATA)	Junction connector, behind glovebox	C
			Parking Light	Z15	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	Z15	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	~	Black	30 pin	04	Purple	(-)	Main body ECU / Dash fuse box	A
			Lock	~	Black	30 pin	28	Green	(-)	Main body ECU / Dash fuse box	A
			Power Liftgate	~	Black	27 pin	21	Blue	(-)	Main body ECU / Dash fuse box	A

TYPE 4 - WIRING DIAGRAM - 1 OF 2



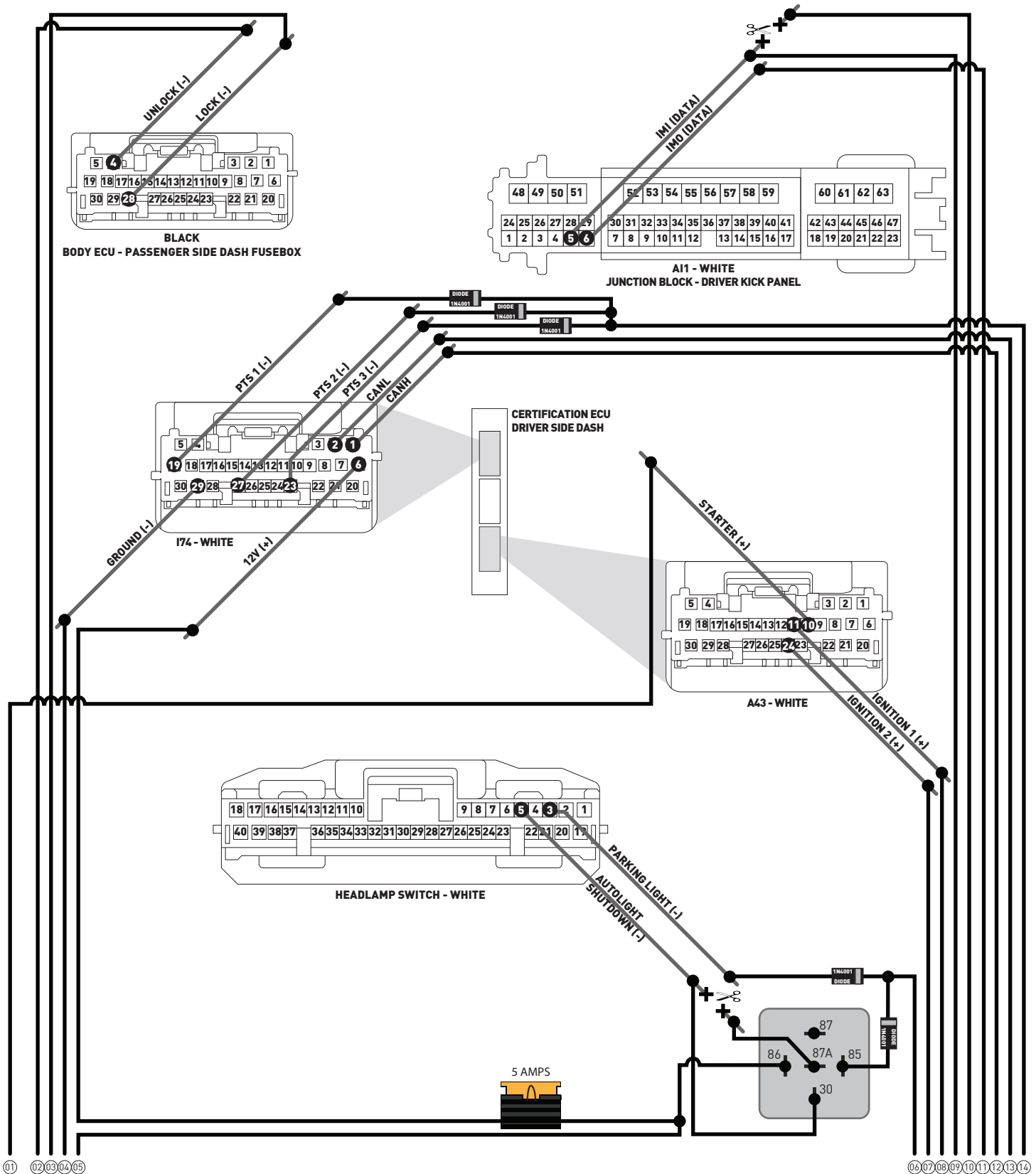
TYPE 4 - WIRING DIAGRAM - 2 OF 2



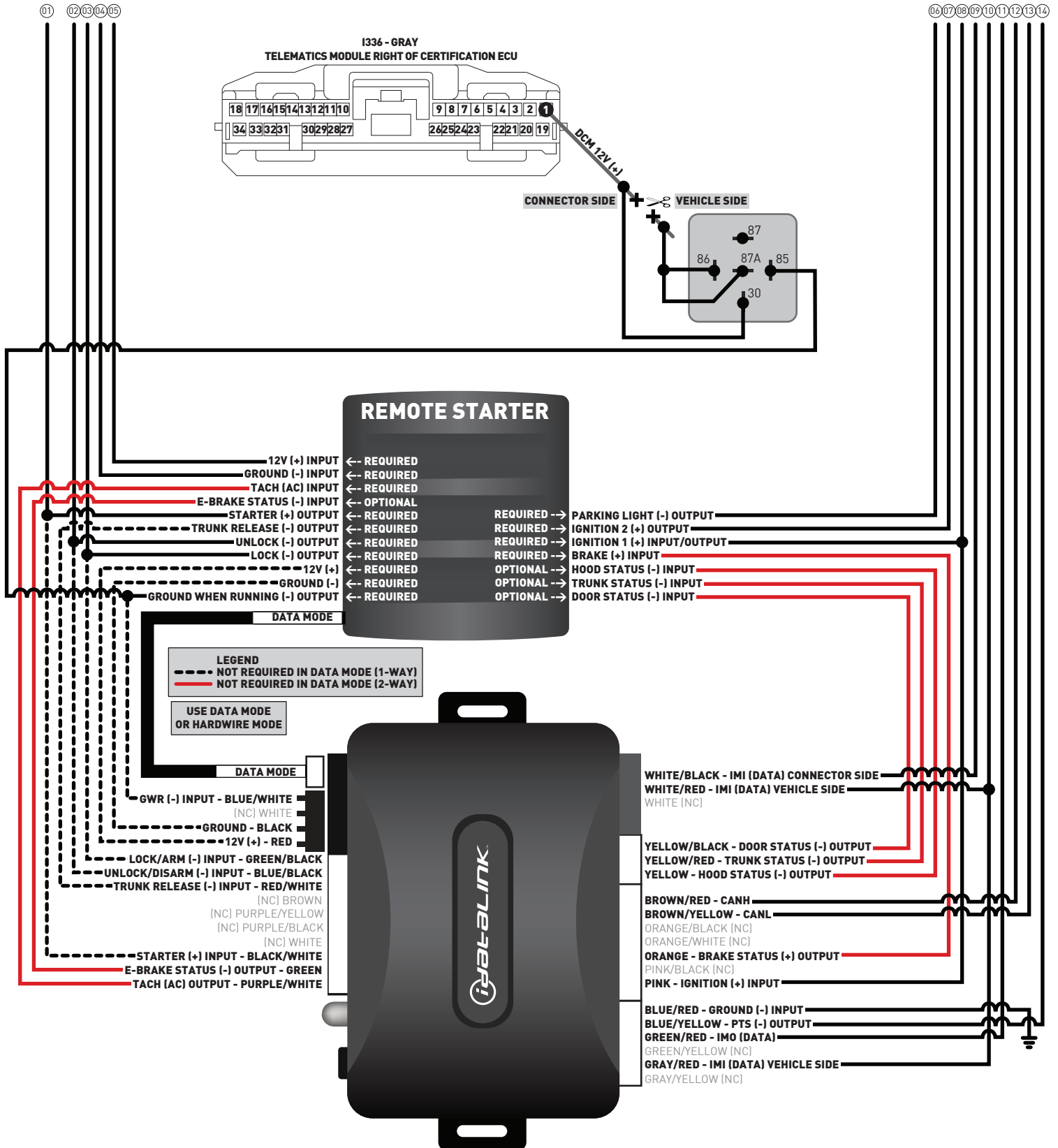
TYPE 5 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Tundra PTS AT	22	CanH	I74	White	30 pin	01	Black	(DATA)	Certification ECU, driver side dash	A
			CanL	I74	White	30 pin	02	White	(DATA)	Certification ECU, driver side dash	A
			12V	I74	White	30 pin	06	Blue	(+)	Certification ECU, driver side dash	A
			Ground	I74	White	30 pin	29	Brown	(-)	Certification ECU, driver side dash	A
			Ignition 1	A43	White	30 pin	11	LtGreen	(+)	Certification ECU, driver side dash	A
			Ignition 2	A43	White	30 pin	24	Pink	(+)	Certification ECU, driver side dash	A
			PTS 1	I74	White	30 pin	19	Gray	(-)	Certification ECU, driver side dash	A
			PTS 2	I74	White	30 pin	27	Purple	(-)	Certification ECU, driver side dash	A
			PTS 3	I74	White	30 pin	23	Tan	(-)	Certification ECU, driver side dash	A
			Starter	A43	White	30 pin	10	Black	(+)	Certification ECU, driver side dash	A
			IMI	A11	White	63 pin	05	Pink	(DATA)	Junction connector, driver kick panel	B
			IMO	A11	White	63 pin	06	Purple	(DATA)	Junction connector, driver kick panel	B
			Parking Light	Z2	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	Z2	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	~	Black	30 pin	04	Blue	(-)	Main body ECU, passenger fuse box	C
			Lock	~	Black	30 pin	28	Black	(-)	Main body ECU, passenger fuse box	C
DCM 12V	I36	Gray	34 pin	01	LtBlue	(+)	Telematics module, driver side dash	A			

TYPE 5 - WIRING DIAGRAM - 1 OF 2



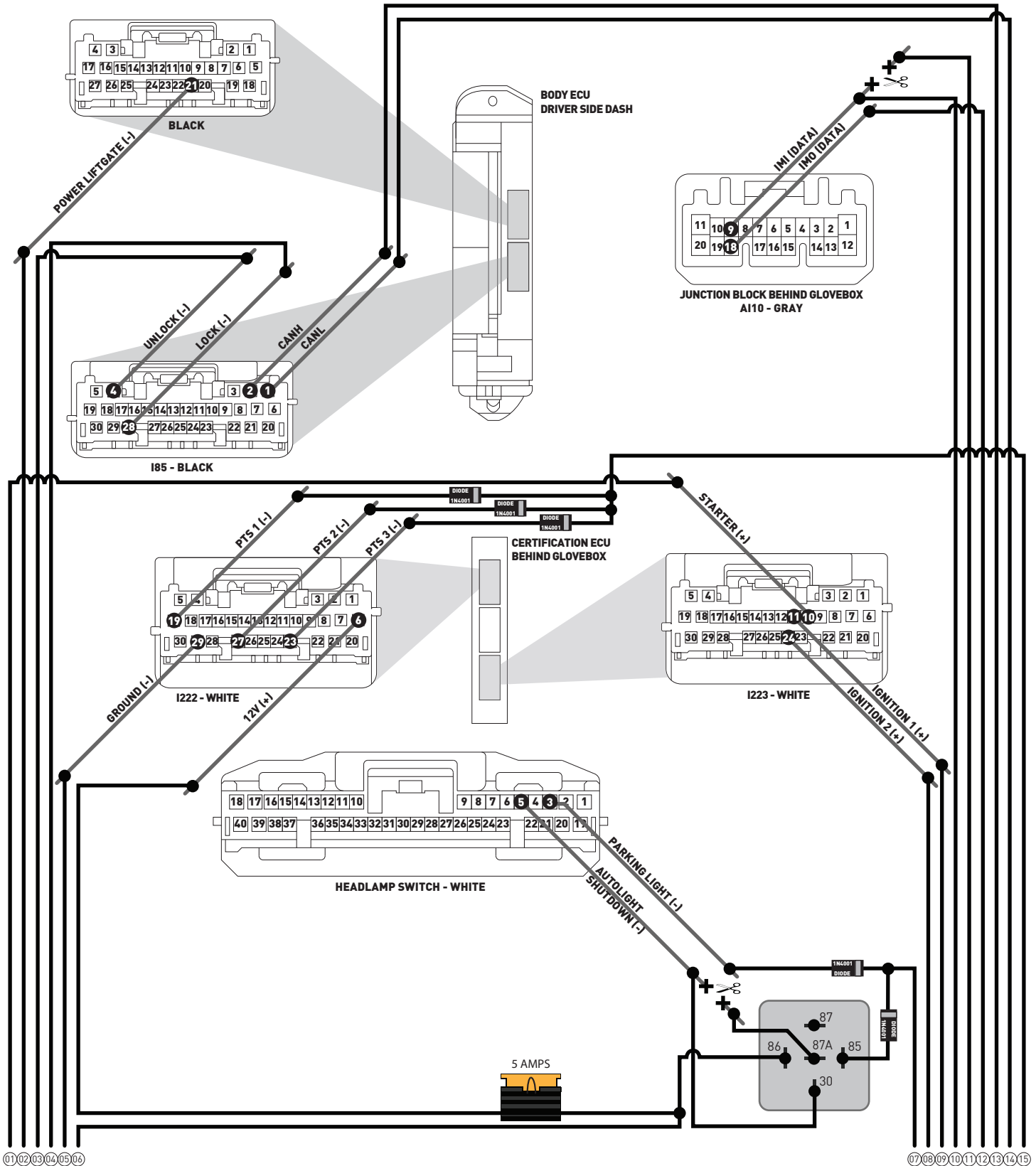
TYPE 5 - WIRING DIAGRAM - 2 OF 2



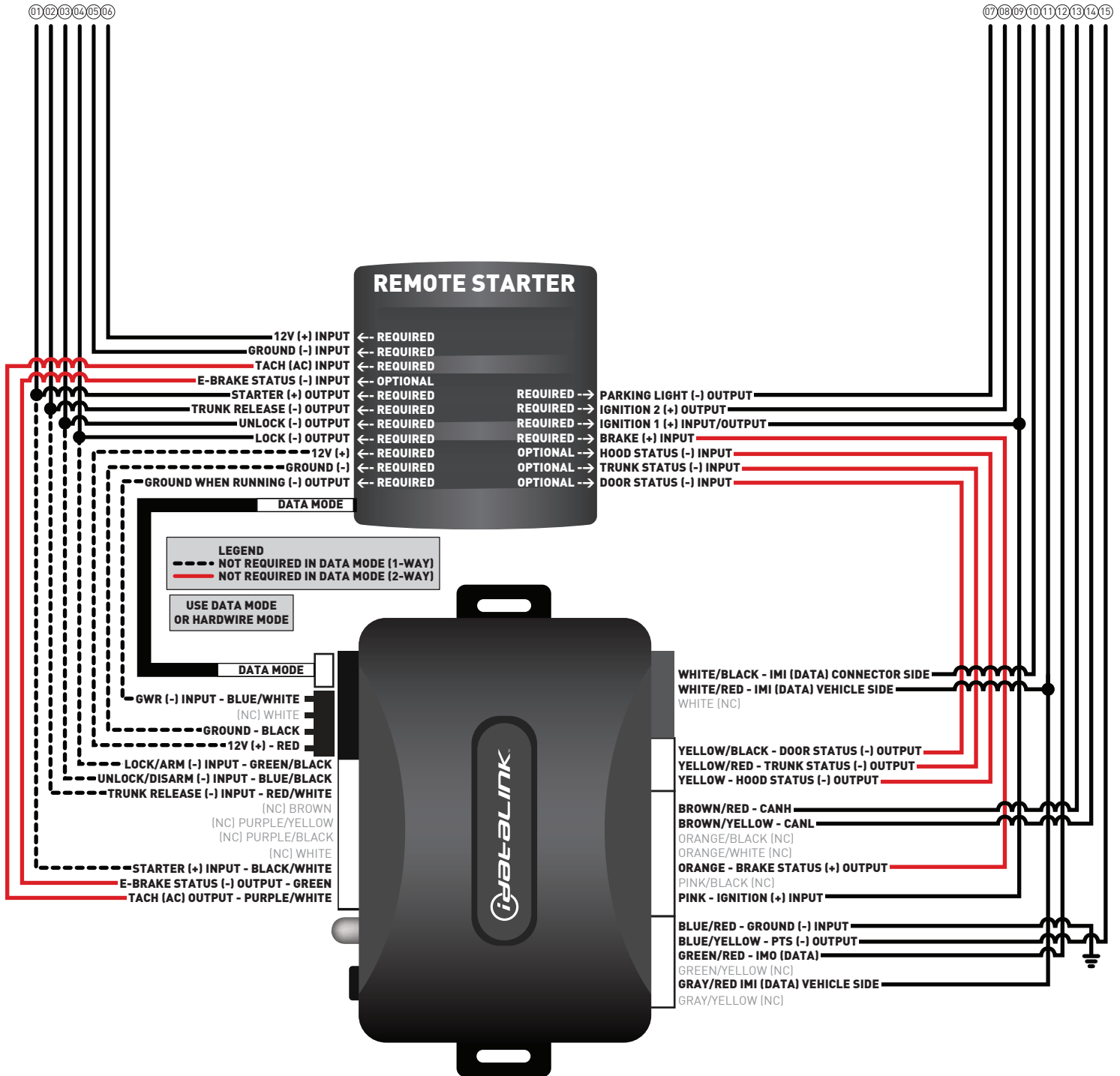
TYPE 6 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla Cross PTS AT	23	CanH	I85	Black	30 pin	02	Black	(DATA)	Main body ECU / Dash fusebox, driver side	A
			CanL	I85	Black	30 pin	01	White	(DATA)	Main body ECU / Dash fusebox, driver side	A
			12V	I222	White	30 pin	06	LtGreen	(+)	Certification ECU, behind glovebox	C
			Ground	I222	White	30 pin	29	White/Black	(-)	Certification ECU, behind glovebox	C
			Ignition 1	I223	White	30 pin	11	Red	(+)	Certification ECU, behind glovebox	C
			Ignition 2	I223	White	30 pin	24	Gray	(+)	Certification ECU, behind glovebox	C
			PTS 1	I222	White	30 pin	19	Tan	(-)	Certification ECU, behind glovebox	C
			PTS 2	I222	White	30 pin	27	Green	(-)	Certification ECU, behind glovebox	C
			PTS 3	I222	White	30 pin	23	Purple	(-)	Certification ECU, behind glovebox	C
			Starter	I223	White	30 pin	10	White	(+)	Certification ECU, behind glovebox	C
			IMI	AI10	Gray	20 pin	09	LtBlue	(DATA)	Junction connector, behind glovebox	C
			IMO	AI10	Gray	20 pin	18	Black	(DATA)	Junction connector, behind glovebox	C
			Parking Light	Z15	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	Z15	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	~	Black	30 pin	04	LtGreen	(-)	Main body ECU / Dash fuse box	A
			Lock	~	Black	30 pin	28	Purple	(-)	Main body ECU / Dash fuse box	A
			Power Liftgate	~	Black	27 pin	21	Black	(-)	Main body ECU / Dash fuse box	A

TYPE 6 - WIRING DIAGRAM - 1 OF 2



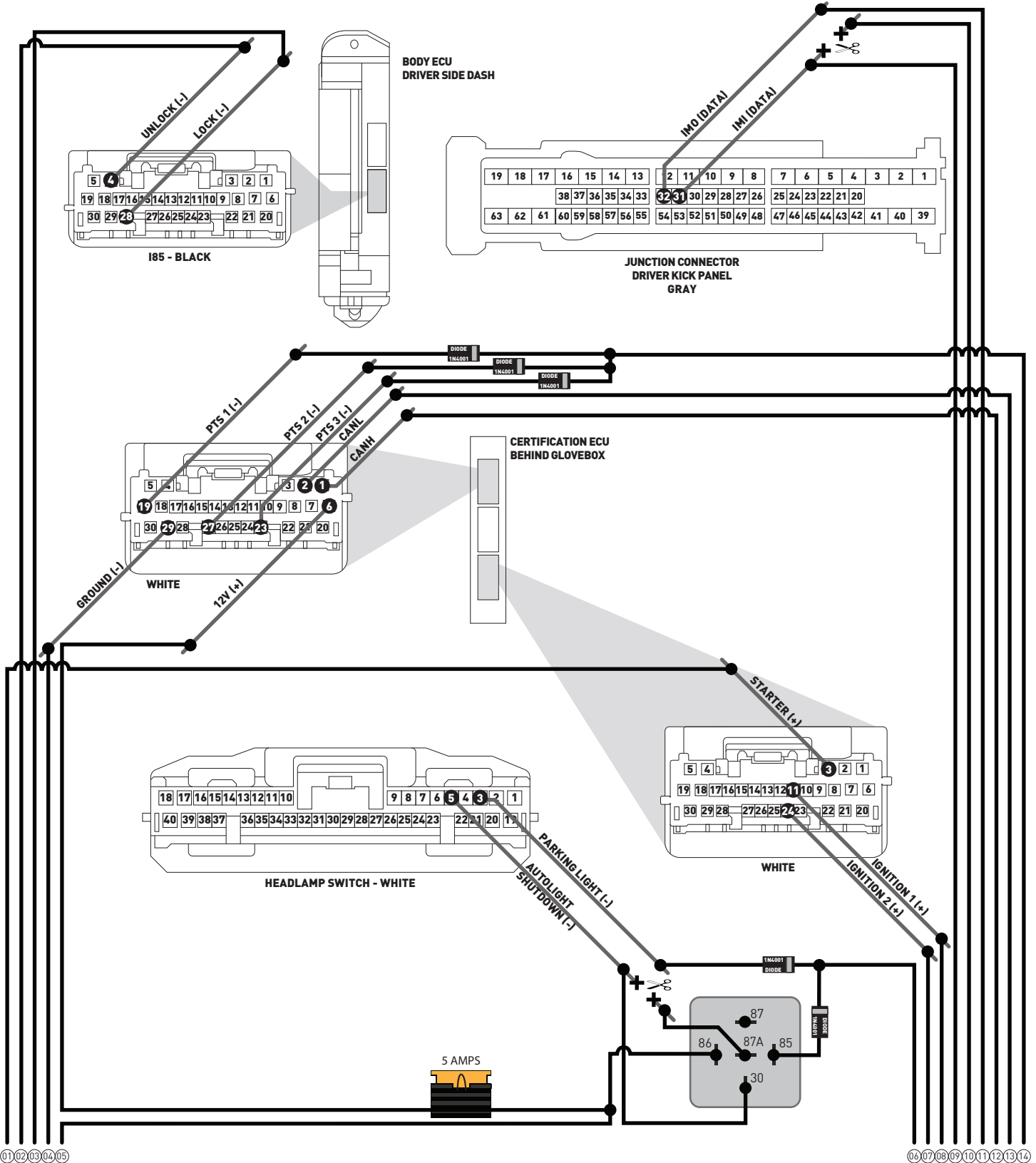
TYPE 6 - WIRING DIAGRAM - 2 OF 2



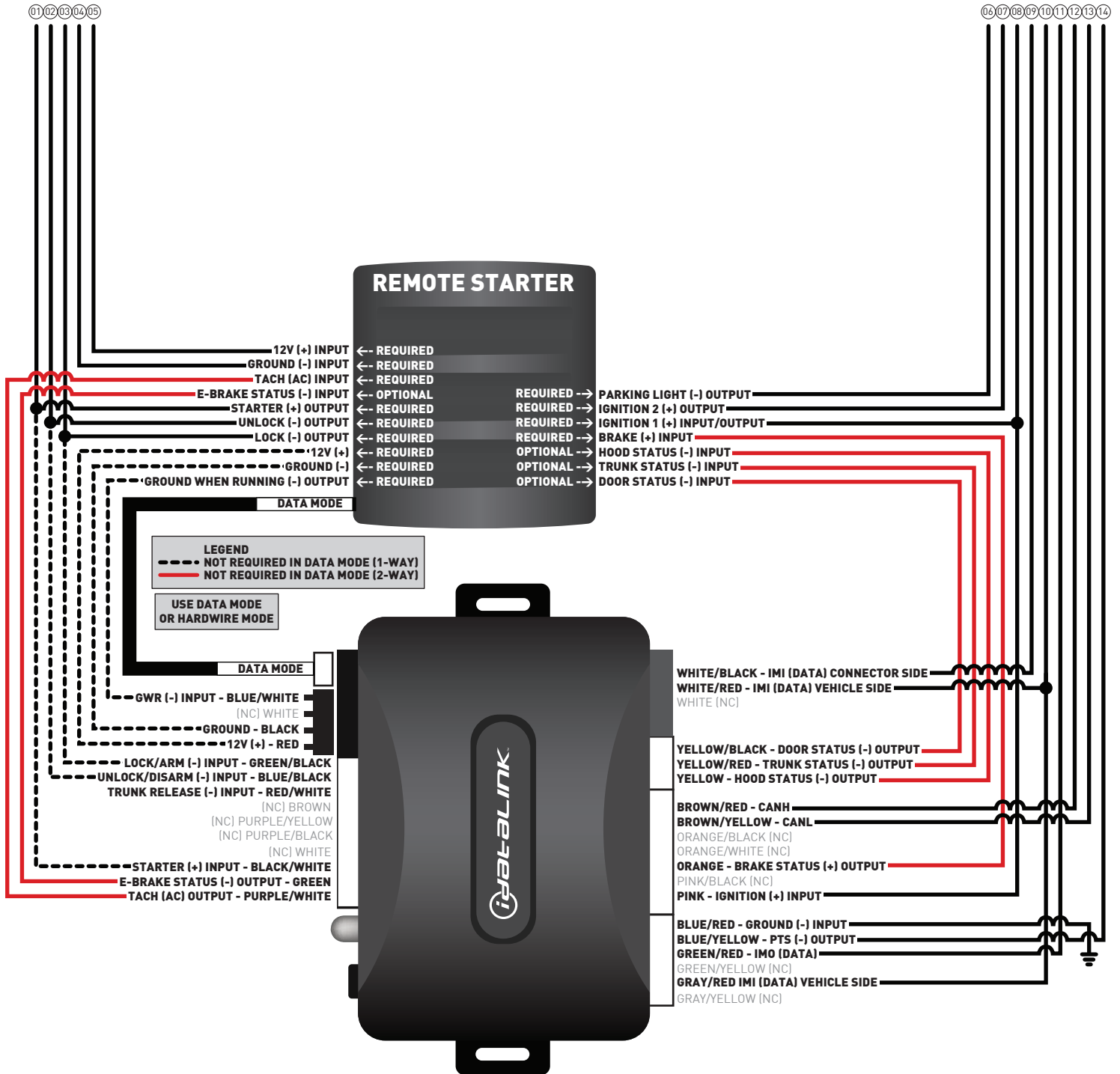
TYPE 7 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	GR Corolla PTS MT	23	CanH	i167	White	30 pin	01	Red	(DATA)	Certification ECU, behind glovebox	C
			CanL	i167	White	30 pin	02	White	(DATA)	Certification ECU, behind glovebox	C
			12V	i167	White	30 pin	06	Brown	(+)	Certification ECU, behind glovebox	C
			Ground	i167	White	30 pin	29	White/Black	(-)	Certification ECU, behind glovebox	C
			Ignition 1	o175	White	30 pin	11	Red	(+)	Certification ECU, behind glovebox	C
			Ignition 2	o175	White	30 pin	24	Yellow	(+)	Certification ECU, behind glovebox	C
			PTS 1	i167	White	30 pin	19	Purple	(-)	Certification ECU, behind glovebox	C
			PTS 2	i167	White	30 pin	27	Gray	(-)	Certification ECU, behind glovebox	C
			PTS 3	i167	White	30 pin	23	Pink	(-)	Certification ECU, behind glovebox	C
			Starter	o175	White	30 pin	03	Red or LtGreen	(+)	Certification ECU, behind glovebox	C
			IMI	ai7	Gray	63 pin	31	Yellow	(DATA)	Junction connector, driver kick panel	~
			IMO	ai7	Gray	63 pin	32	Blue	(DATA)	Junction connector, driver kick panel	~
			Parking Light	Z17	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	Z17	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	i85	Black	30 pin	04	Purple	(-)	Main body ECU / Dash fuse box	A
			Lock	i85	Black	30 pin	28	Black	(-)	Main body ECU / Dash fuse box	A

TYPE 7 - WIRING DIAGRAM - 1 OF 2



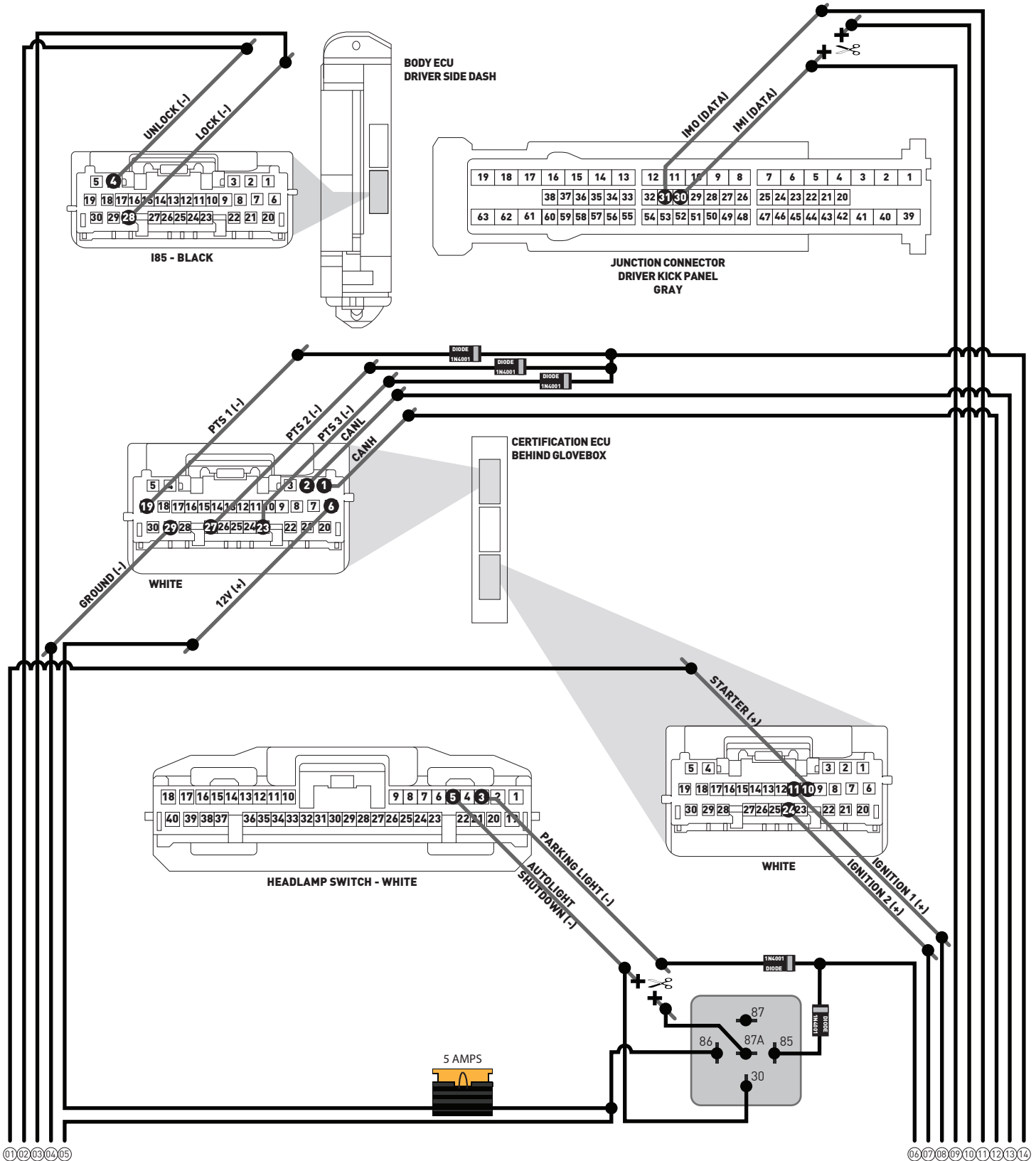
TYPE 7 - WIRING DIAGRAM - 2 OF 2



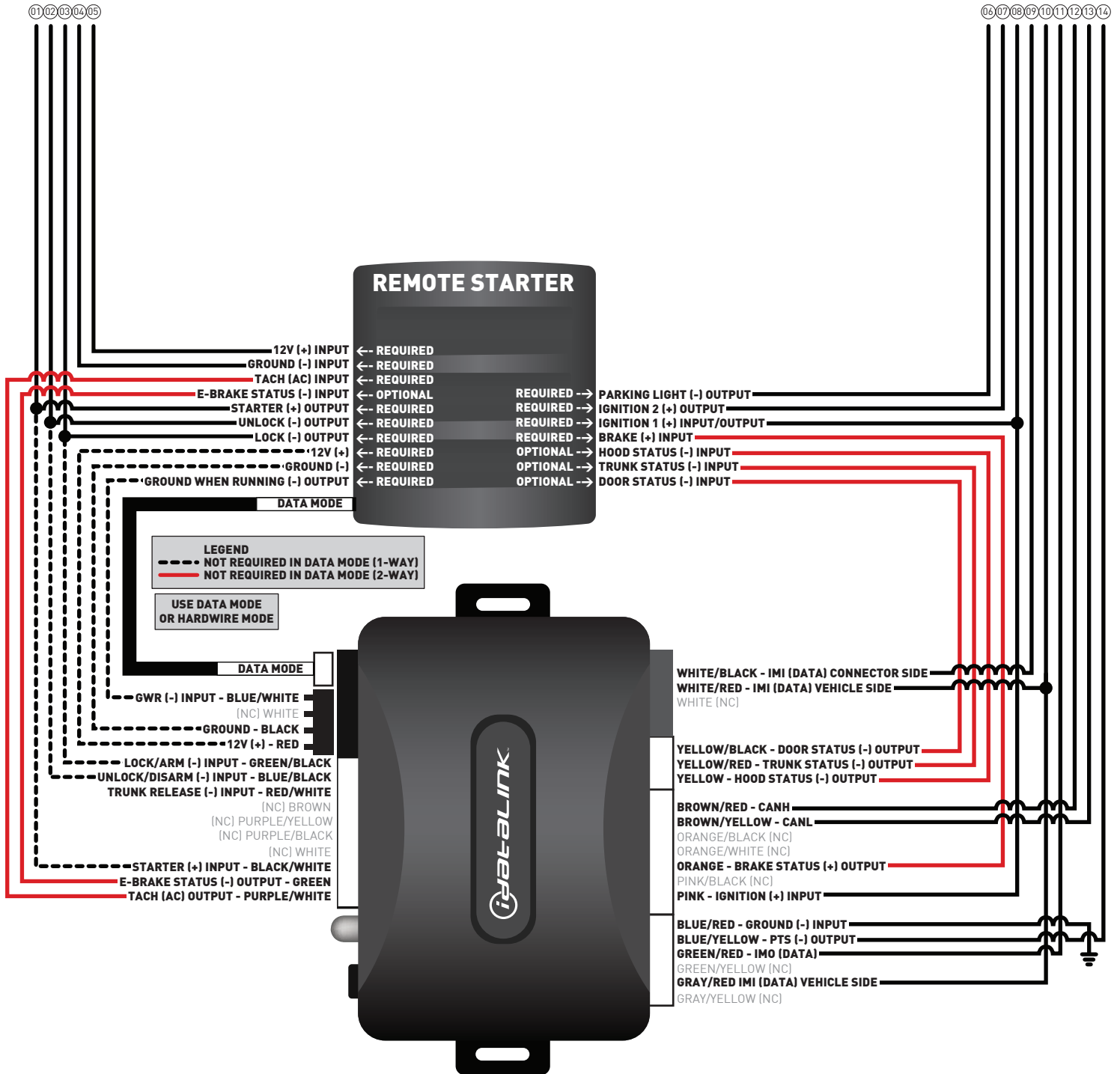
TYPE 8 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
TOYOTA	Corolla PTS AT	23	CanH	i167	White	30 pin	01	Red	(DATA)	Certification ECU, behind glovebox	C
			CanL	i167	White	30 pin	02	White	(DATA)	Certification ECU, behind glovebox	C
			12V	i167	White	30 pin	06	Brown	(+)	Certification ECU, behind glovebox	C
			Ground	i167	White	30 pin	29	White/Black	(-)	Certification ECU, behind glovebox	C
			Ignition 1	o175	White	30 pin	11	Red	(+)	Certification ECU, behind glovebox	C
			Ignition 2	o175	White	30 pin	24	Yellow	(+)	Certification ECU, behind glovebox	C
			PTS 1	i167	White	30 pin	19	Purple	(-)	Certification ECU, behind glovebox	C
			PTS 2	i167	White	30 pin	27	Gray	(-)	Certification ECU, behind glovebox	C
			PTS 3	i167	White	30 pin	23	Pink	(-)	Certification ECU, behind glovebox	C
			Starter	o175	White	30 pin	10	LtGreen	(+)	Certification ECU, behind glovebox	C
			IMI	ai7	Gray	63 pin	30	Yellow	(DATA)	Junction connector, driver kick panel	~
			IMO	ai7	Gray	63 pin	31	Black	(DATA)	Junction connector, driver kick panel	~
			Parking Light	Z17	White	40 pin	03	Green	(-)	Headlamp switch	D
			Autolights	Z17	White	40 pin	05	Yellow	(-)	Headlamp switch	D
			Unlock	i85	Black	30 pin	04	Purple	(-)	Main body ECU / Dash fuse box	A
			Lock	i85	Black	30 pin	28	Black	(-)	Main body ECU / Dash fuse box	A

TYPE 8 - WIRING DIAGRAM - 1 OF 2





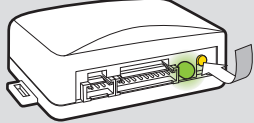
TYPE 8 - WIRING DIAGRAM - 2 OF 2




INSTALLATION MODE SELECTION

1  Press and release programming button to select installation mode.

 LED flashes [1X] once = DATA MODE
 LED flashes [2X] twice = STANDARD HARDWIRE MODE


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

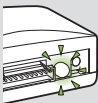
 After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.


MODULE PROGRAMMING PROCEDURE

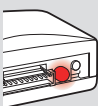
NOTE

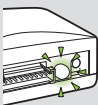
I IMPORTANT: The hood must be closed.


1  Press Unlock on OEM remote.

2  Wait, LED will flash GREEN once [1x].

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


4  Wait, LED will turn solid RED to confirm that the ignition is ON.


5  Wait, LED will flash GREEN rapidly.

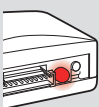
6  Push start button once [1x] to OFF position.

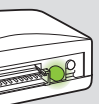
7  **WARNING:**
Disconnect power last.
Disconnect module from vehicle.


8  Connect module to computer and proceed with extended programming.

9  **WARNING:**
Connect power first.
Connect module to vehicle.

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

11  Wait, LED will turn solid RED to confirm that the ignition is ON.

12  Wait, LED will turn solid GREEN for **2 seconds**.

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

14 Module Programming Procedure completed.

IDENTIFY VEHICLE YEAR

1 Locate the Vehicle Identification Number (VIN), identify the 10th character then match it to its corresponding year.



A	1980	L	1990	Y	2000	A	2010	L	2020
B	1981	M	1991	1	2001	B	2011	M	2021
C	1982	N	1992	2	2002	C	2012	N	2022
D	1983	P	1993	3	2003	D	2013	P	2023
E	1984	R	1994	4	2004	E	2014	R	2024
F	1985	S	1995	5	2005	F	2015	S	2025
G	1986	T	1996	6	2006	G	2016	T	2026
H	1987	V	1997	7	2007	H	2017	V	2027
J	1988	W	1998	8	2008	J	2018	W	2028
K	1989	X	1999	9	2009	K	2019	X	2029

MODULE DIAGNOSTICS

LED STATUS	DIAGNOSTICS		
	DURING PROGRAMMING	DURING REMOTE START	WITH IGNITION OFF
Flashing RED	Missing/wrong information from firmware or vehicle	Incorrectly programmed	Incorrectly programmed or connected
Solid RED	Waiting for more vehicle information	Incorrectly programmed	Not programmed waiting for more vehicle information
Flashing GREEN	Additional steps required to complete programming	Correctly programmed and operational	False ground when running status from remote starter
Solid GREEN then OFF	Correctly programmed	Reset in progress	Reset in progress
OFF	No activity or already programmed	Invalid ground when running status from remote starter	At rest and ready for a remote start sequence

FACTORY RESET PROCEDURE

1 **DISCONNECT** all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.

2 **DISCONNECT** black 4-PIN standard or optional data connector.

3 **PRESS AND HOLD** programming button while connecting either 4-PIN standard or optional data connector.

4 When LED flashes red, **RELEASE** programming button.

5 LED will turn solid red for 2 seconds.
RESET COMPLETED.

6 **RECONNECT** all connectors.

7 Repeat programming procedure.

! Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.

WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

I All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - AUTOMATIC TRANSMISSION - TO THE VEHICLE OWNER

NOTE

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



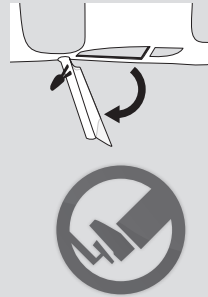
TIME RESTRICTION COMING UP !

1



Unlock vehicle door using OEM or after-market remote, or door request switch.

2



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle.
Close vehicle door.

Press and release BRAKE pedal.

3

Take over procedure completed.



Failure to follow procedure will result in vehicle engine shutdown.

TAKE OVER PROCEDURE - MANUAL TRANSMISSION - TO THE VEHICLE OWNER

NOTE

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



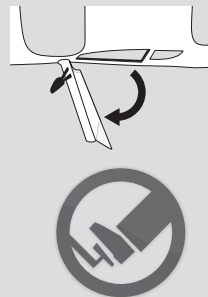
TIME RESTRICTION COMING UP !

1



Unlock vehicle door using OEM or after-market remote, or door request switch.

2



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle.
Close vehicle door.
Fully depress CLUTCH pedal.
Press and release BRAKE pedal.
Release CLUTCH pedal.

3

Take over procedure completed.



Failure to follow procedure will result in vehicle engine shutdown.