

BLADE

S E R I E S

Automotive Data Solutions Inc.

INSTALL GUIDE

BLADE-AL(DL)-SUB6-EN

SUB6

AVAILABLE FOR: ADS-BLADE AL

Rev. Date: November 10, 2017

Doc. No.: ##45630##

U.S. PATENT NO. 8,856,780

PLEASE VISIT WWW.IDATALINK.COM FOR COMPLETE PRODUCT DETAILS

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SUBARU

NOTICE: The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. This guide has been written for properly trained technicians; a certain level of skill & knowledge is therefore assumed. Please review the Installation Guide carefully before beginning any work.

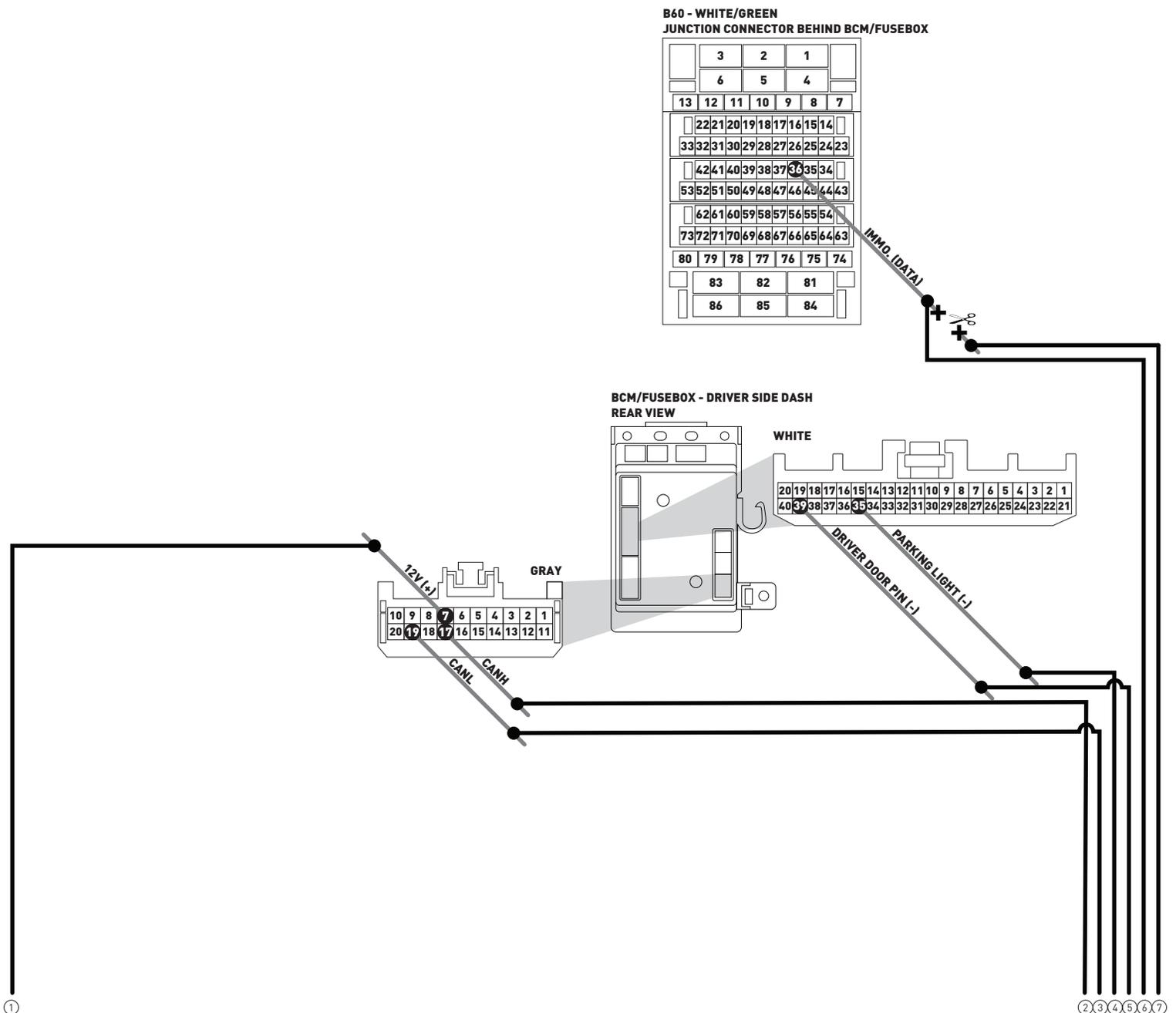
INSTALL TYPE SELECTION

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES															
				DATA IMMOBILIZER BYPASS	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	A/M ALARM CTRL FROM OEM REMOTES	A/M ALARM CTRL FROM DOOR HANDLE	A/M RS CTRL FROM OEM REMOTES	BRAKE PEDAL STATUS OUTPUT	E-BRAKE OUTPUT	DOOR STATUS OUTPUT	TRUNK STATUS MONITORING	TACHOMETER STATUS	SECURE TAKEOVER	AUTOMATED TAKEOVER
SUBARU	Crosstrek PTS AT	18	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Impreza PTS AT	17-18	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

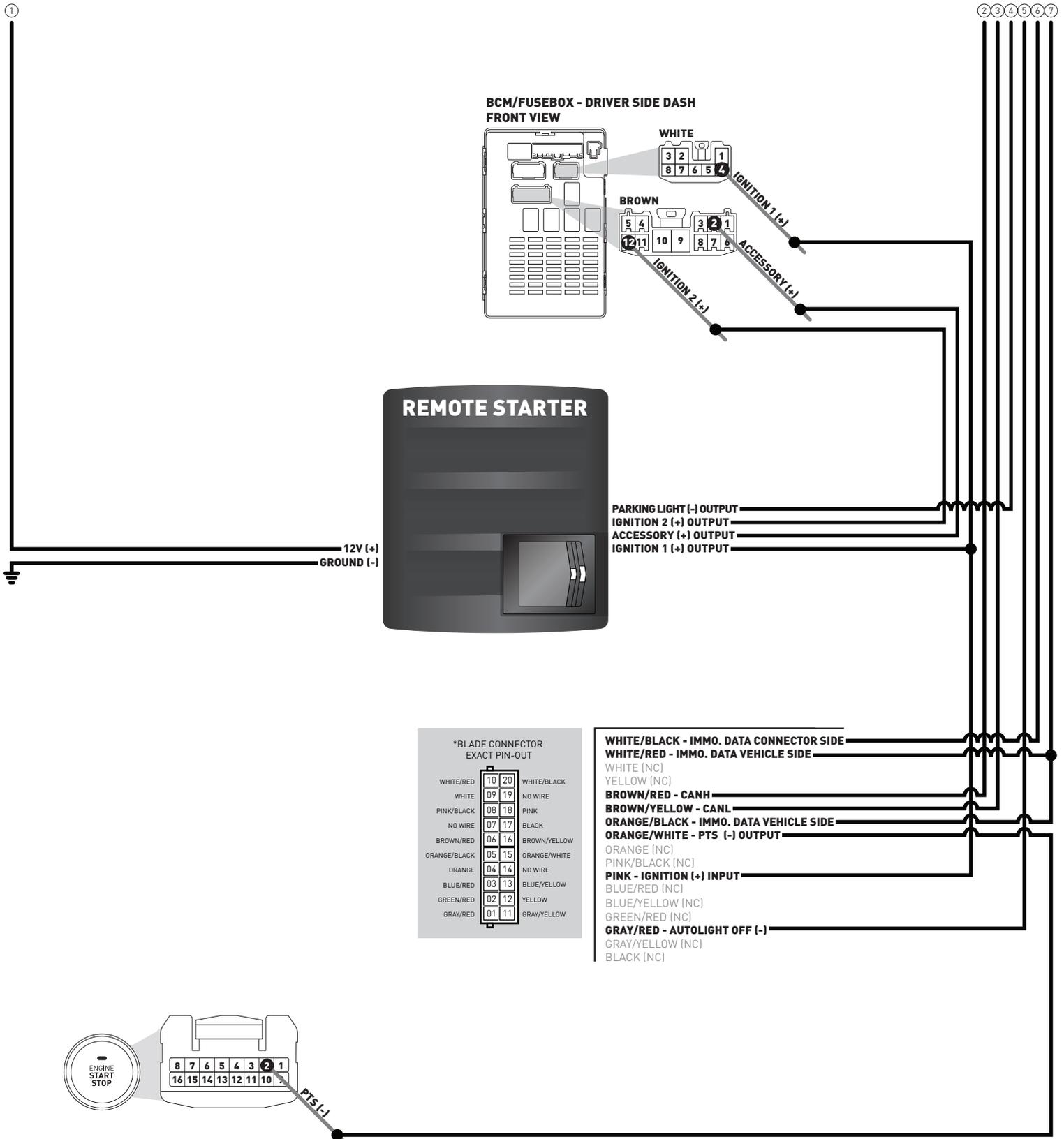
TYPE 1 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
SUBARU	Crosstrek PTS AT	18	PTS	~	Black	16 pin	02	Black	(-)	PTS switch	~
			Ignition 1	~	White	08 pin	04	Gray	(+)	Front of BCM/dash fusebox, driver side dash	~
			ignition 2	~	Brown	12 pin	12	Blue	(+)	Front of BCM/dash fusebox, driver side dash	~
			Accessory	~	Brown	12 pin	02	Green	(+)	Front of BCM/dash fusebox, driver side dash	~
			parking light	~	White	40 pin	35	Black	(-)	Back of BCM/dash fusebox, driver side dash	~
			Driver door pin	~	White	40 pin	39	Pink	(-)	Back of BCM/dash fusebox, driver side dash	~
			CanH	~	Gray	20 pin	17	Red	(DATA)	Back of BCM/dash fusebox, driver side dash	~
			CanL	~	Gray	20 pin	19	Blue	(DATA)	Back of BCM/dash fusebox, driver side dash	~
			12V	~	Gray	20 pin	07	Red	(+)	Back of BCM/dash fusebox, driver side dash	~
			Immo Data	B60	White	86 pin	36	Red/White	(DATA)	Junction connector behind dash fusebox	~
	Impreza PTS AT	17-18	PTS	~	Black	16 pin	02	Black	(-)	PTS switch	~
			Ignition 1	~	White	08 pin	04	Gray	(+)	Front of BCM/dash fusebox, driver side dash	~
			ignition 2	~	Brown	12 pin	12	Blue	(+)	Front of BCM/dash fusebox, driver side dash	~
			Accessory	~	Brown	12 pin	02	Green	(+)	Front of BCM/dash fusebox, driver side dash	~
			parking light	~	White	40 pin	35	Black	(-)	Back of BCM/dash fusebox, driver side dash	~
			Driver door pin	~	White	40 pin	39	Pink	(-)	Back of BCM/dash fusebox, driver side dash	~
			CanH	~	Gray	20 pin	17	Red	(DATA)	Back of BCM/dash fusebox, driver side dash	~
			CanL	~	Gray	20 pin	19	Blue	(DATA)	Back of BCM/dash fusebox, driver side dash	~
			12V	~	Gray	20 pin	07	Red	(+)	Back of BCM/dash fusebox, driver side dash	~
			Immo Data	B60	White	86 pin	36	Red/White	(DATA)	Junction connector behind dash fusebox	~

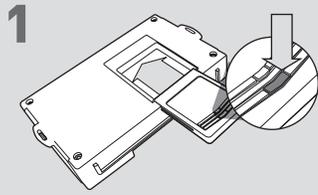
TYPE 1 - WIRING DIAGRAM - 1 OF 2



TYPE 1 - WIRING DIAGRAM - 2 OF 2



CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

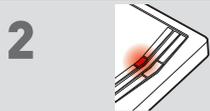
MODULE PROGRAMMING PROCEDURE

NOTE

1 When programming, only one keyfob will be used. The other one must be located at least 10 feet away from the vehicle.



1 Push start button once [2x] to ON position.



2 LED will turn solid RED.



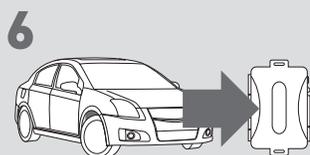
3 Start engine.



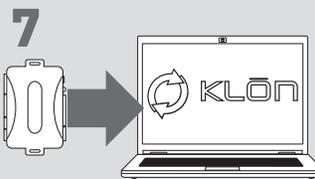
4 Wait, LED will flash BLUE rapidly.



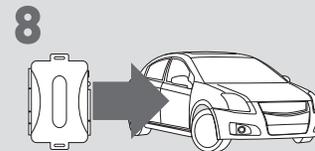
5 Push start button once [1x] to OFF position.



6 WARNING:
Disconnect power last.
Disconnect RS from vehicle.



7 Connect RS to computer and proceed with extended programming.



8 WARNING:
Connect power first.
Connect RS to vehicle.



9 Push start button once [2x] to ON position.



10 LED will turn solid RED.



11 Start engine.



12 Wait, LED will turn solid BLUE.



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
B	1981	M	1991	1	2001	B	2011
C	1982	N	1992	2	2002	C	2012
D	1983	P	1993	3	2003	D	2013
E	1984	R	1994	4	2004	E	2014
F	1985	S	1995	5	2005	F	2015
G	1986	T	1996	6	2006	G	2016
H	1987	V	1997	7	2007	H	2017
J	1988	W	1998	8	2008	J	2018
K	1989	X	1999	9	2009	K	2019

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 BLUE	Additional steps required to complete programming	Correctly programmed and operational	False ground when running status from remote starter
Solid BLUE 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

- DISCONNECT** cartridge from remote starter.
- PRESS AND HOLD** programming button while re-connecting cartridge to remote starter.

- LED will flash red. Immediately **RELEASE** programming button.
- LED will turn solid red for 2 seconds.
RESET COMPLETED.
- RECONNECT** all connectors. 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 - TO THE VEHICLE OWNER

NOTE

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



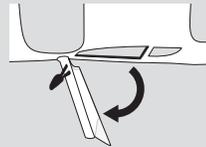
TIME RESTRICTION COMING UP !

1



Press UNLOCK on after-market remote.

2



TIME RESTRICTION

Within 45 SECONDS from previous step:

Have a valid key on you.
Open vehicle door.
Enter vehicle.
Close vehicle door.

Wait approximately 3 seconds for the automated takeover, then press and release BRAKE pedal.

3

Take over procedure completed.



Failure to follow this procedure will result in a vehicle engine shutdown.