FTI-CDK2 Type 1A - Vehicle Coverage & Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-CH4					Park / Auto			Green White/Blue
Chrysler	300	2008-10	Type 1	WIN	A	F		
Chrysler	Town & Country	2008-10	Type 1	WIN	A	F		
Dodge	Challenger	2008-14	Type 1	WIN	A	F		
Dodge	Charger	2008-10	Type 1	WIN	A	F		
Dodge	Grand Caravan	2008-10	Type 1	WIN	A	F		
Dodge	Magnum	2008-09	Type 1	WIN	A	F		
Dodge	RAM	2009	Type 1	WIN	A	F		
Jeep	Grand Cherokee	2011-13	Type 1	WIN	A	F		
RAM	C/V	2010	Type 1	WIN	A	F		
RAM	1500	2010-12	Type 1	WIN	A	F		
RAM	2500	2010-12	Type 1	WIN	A	F		
RAM	3500	2010-12	Type 1	WIN	A	F		
RAM	4500	2010-12	Type 1	WIN	A	F		
RAM	5500	2010-12	Type 1	WIN	A	F		
VW	Routan	2009-10	Type 1	WIN	A	F		

Hey! Read this stuff before you start the installation...

Firmware:
Covered vehicles require **BLADE-AL(DL)-CH4** firmware, flash module and update the controller firmware before installing.

CAN:
In the event that troubleshooting is necessary, CAN connections are in the connector at the WIN (Wireless Ignition Node)

Lights:
Type A MUX type parking lights are populated in the supplied 6-pin headlight switch connector on the harness assembly, properly secure the unused 10-pin connector for safety

RAP:
Type F - RAP shutdown handling for all other covered vehicles is at the driver door pin wire, *purple* wire located in the driver kick panel harness, circuit tests (-) negative with door open
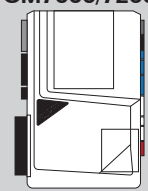
Okay, now get to work...

• FT-DAS Required for manual transmission.
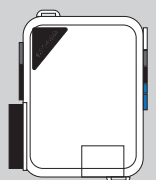• BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

Parking Light / Accessory / Ignition (Default)   (+)Door Trigger In / (−)Door Trigger In (Default)

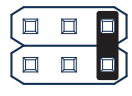Trunk / Starter / Parking Light (Default)   Starter / Ignition / Accessory (Default)

CM7000/7200

Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

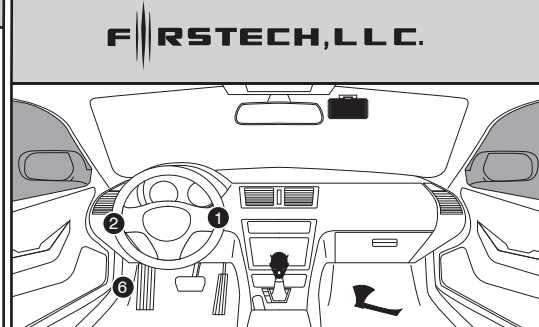START ACC IGN1

W To provide control over vehicle Retained Accessory Power, configure controller POC for setting #31 (RAP), see note **E** for additional considerations.

A WTS (Wait to start) output from BLADE connector, connect to controller input for proper delay for diesel vehicles. Properly insulate and secure if not used

D **Type B** Parking light connections not required for this installation type. Please ensure that the unused connector is secured for safety

E **Type F** RAP control requires a connection to the purple wire originating at the driver door pin, access is located in the driver kick panel harness

FIRSTECH, LLC.

BLADE

PWR

WTS (+)

REARM

W

A

BLADE

CH4

Wireless Ignition Node ❶

Type A

Headlight Switch ❷

AUTO

D

*Not required

PRK MUX

Type F (-)

E

Purple (-)

Driver kick panel harness ❻
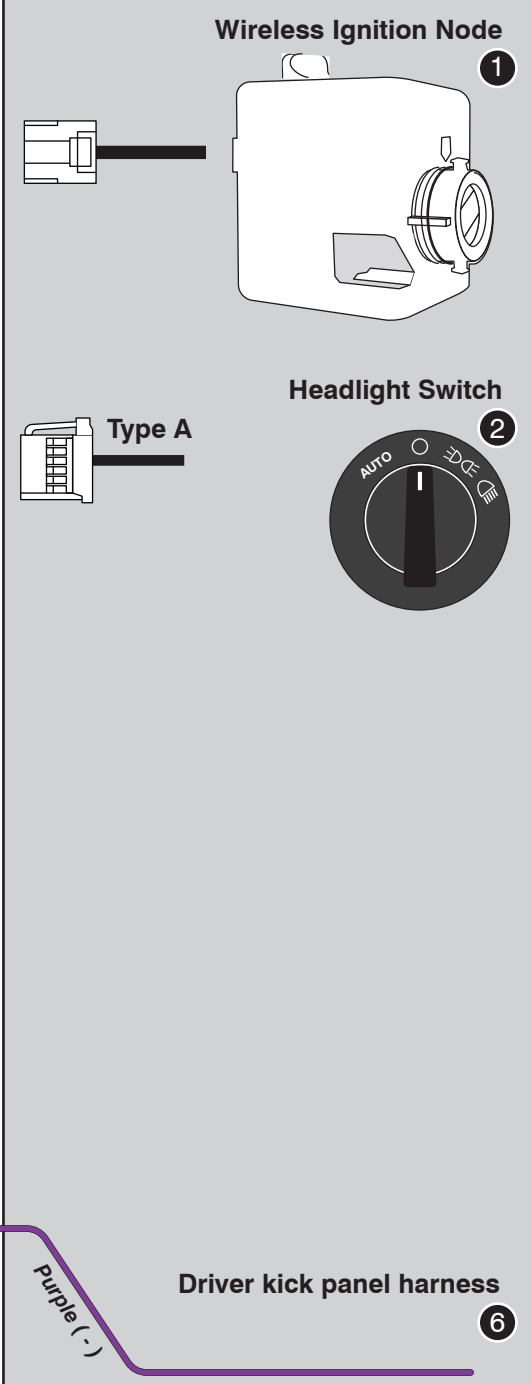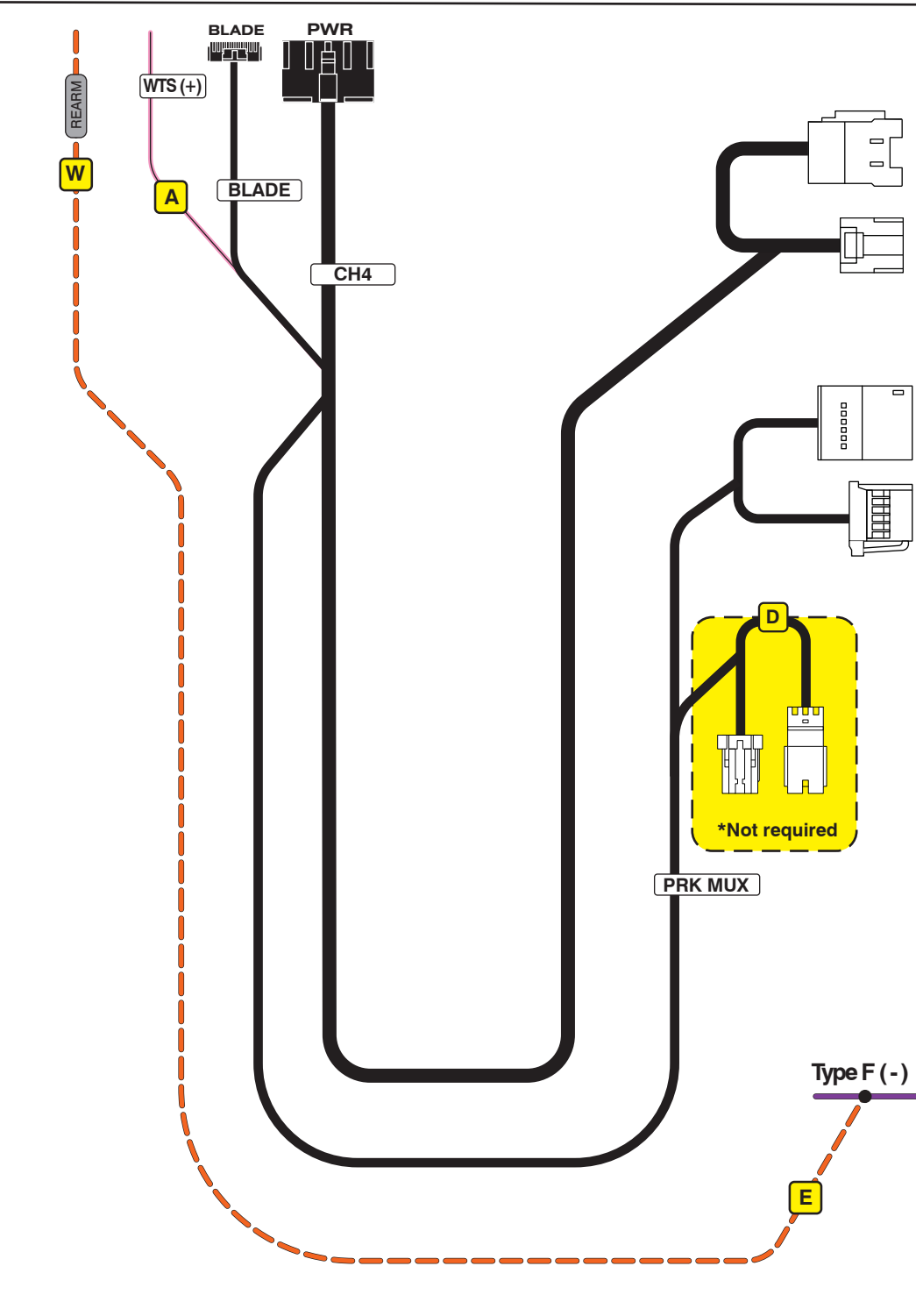
Module Programming Procedure

Step 1 - Wake BCM by closing then opening driver's door
Step 2 - Activate IGN, module LED should turn red
Step 3 - Wait for LED to begin rapidly flashing blue
Step 4 - Remove key and press unlock on OEM key fob, if fob is unavailable/defective, press module button
** IF BUTTON PRESS IS REQUIRED, KEYLESS CONTROL MAY REQUIRE ADDITIONAL PARTS OR WIRING
Step 5 - Programming complete when LED turns solid blue

LED Programming Error Codes

Module LED flashing RED during programming

1x - CAN issue
2x - Immobilizer (confirm vehicle equipped, press button if not)
3x - Immobilizer (confirm vehicle starts by key)
4x - No VIN info
5x - VIN mismatch (contact support)

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