

# FTI-CDK2: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
<b>DL-CH4</b> Volkswagen	Routan Tip-Start	2011-20	Type 2	WIN	Park / Auto Type B	DDP		Green White/Blue

**Firmware:** Vehicle requires **BLADE-AL(DL)-CH4** firmware, flash module and update the controller firmware before beginning the installation.

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

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

**RAP:** 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

## FTI-CDK2 - Installation and Configuration Notes

- A** RAP shutdown connection, configure POC for RAP (option #31).
- B** WTS (Wait to start) for diesel applications.
- C** Connection not required.



FEATURE COVERAGE																						
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	DOOR STATUS	TRUNK STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	DATA/MUX IGNITION	SECURE TAKEOVER	PARKING LIGHTS					

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

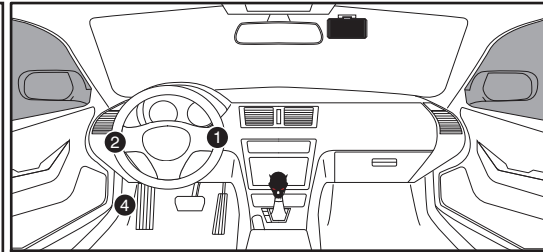
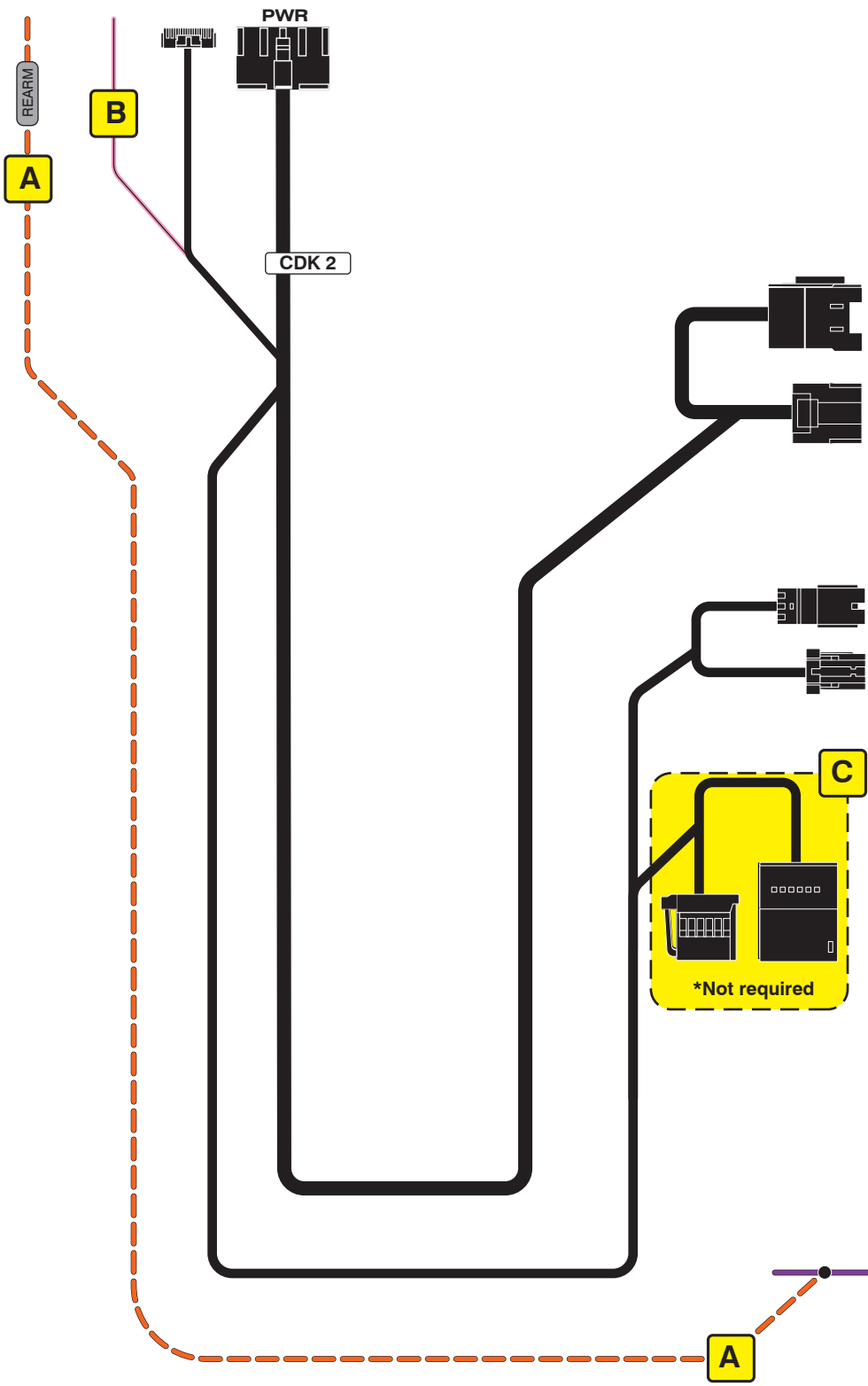
**Jumper Setting**

Parking Light Accessory Ignition (Default)				(+)Door Trigger In (Default)
Trunk Starter Parking Light (Default)				(-)Door Trigger In (Default)
				Starter Ignition Accessory (Default)

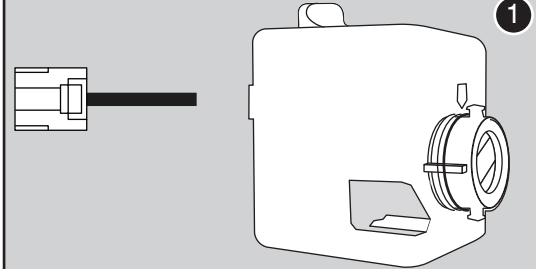
**CM7000/7200** Cut loop for A/T

**CM-900S/900AS**

**CM900AS/900S Jumper**



**Wireless Ignition Node** 1



**Headlight Switch** 2



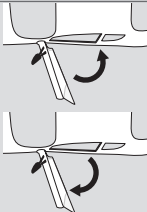

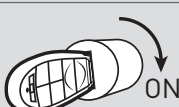
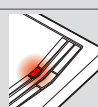
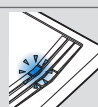
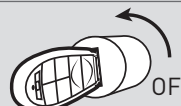


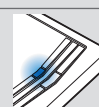
**Driver kick panel harness** 4

Purple (-)

**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)

## MODULE PROGRAMMING PROCEDURE

- |    |  |   |
|----|--|---|
| 1  |   | Close driver door.<br><br>Re-open driver door to wake up data bus.  |
| 2  |   | Insert key into ignition.   |
| 3  |   | Turn key to ON position.  |
| 4  |   | LED will turn solid RED.  |
| 5  |  | Within 5 seconds, LED will flash BLUE rapidly.  |
| 6  |  | Turn key to OFF position.   |
| 7  |  | Remove key.   |
| 8  |  | Press UNLOCK on the OEM remote.<br><br>If vehicle is not equipped with OEM remote, press module programming button. |
| 9  |  | Wait, LED will turn solid BLUE for 2 seconds.   |
| 10 |  | Module Programming Procedure completed.   |

## WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

### IMPORTANT


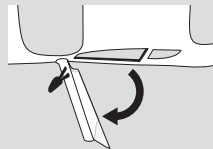
- All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.


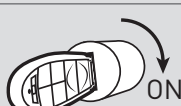

## TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

### NOTE

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



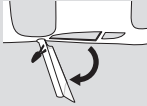



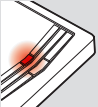
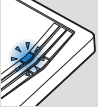


- |   |   |  |
|---|---|--|
| 1 |  | Press UNLOCK on after-market remote.   |
| 2 |  | <b>TIME RESTRICTION</b><br>Within 45 SECONDS from previous step:<br><br>Open vehicle door.<br>Enter vehicle. |

- |   |  |  |
|---|--|--|
| 3 |  | Insert key into ignition.  |
| 4 |  | Turn key to ON position.<br><br>Wait 2 seconds for key validation. |
| 5 |  | Press and release BRAKE pedal.                                     |
| 6 |  | Take over procedure completed.                                     |

**!** Failure to follow procedure within time restriction will result in vehicle engine shutdown.

## MODULE PROGRAMMING PROCEDURE - PUSH TO START

- |   |   |  |   |  |  |
|---|---|--|---|--|--|
| 1 |  | Close driver door.   | 5 |  | DO NOT PRESS BRAKE PEDAL<br>Push start button once [1x] to OFF position. |
|   |  | Re-open driver door to wake up data bus.                                 | 6 |  | Press UNLOCK on the OEM remote.  |
| 2 |  | DO NOT PRESS BRAKE PEDAL<br>Push start button twice [2x] to ON position. | 7 |  | Wait, LED will turn solid BLUE for 2 seconds.                            |
| 3 |  | LED will turn solid RED.   | 8 |  | Module Programming Procedure completed.                                  |
| 4 |  | Within 5 seconds, LED will flash BLUE rapidly.                           |   |  |  |

## WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

### IMPORTANT




- 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 - PUSH TO START - TO THE VEHICLE OWNER

### NOTE

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

 TIME RESTRICTION COMING UP !

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| 1 |  | Press UNLOCK on after-market remote.  | 3 |  | DO NOT PRESS BRAKE PEDAL<br>Push start button twice [2x] to ON position.<br><br>Wait 2 seconds for key validation. |
| 2 |  | TIME RESTRICTION<br>Within 45 SECONDS from previous step:<br><br>Open vehicle door.<br>Enter vehicle. | 4 |  | Press and release BRAKE pedal.   |
|   |   |   | 5 |  | Take over procedure completed.   |

 Failure to follow procedure within time restriction will result in vehicle engine shutdown.