

Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
<b>DL-CH4</b> Volkswagen	Routan	2009-10	Type 1	WIN	Park / Auto Type A	DDP		Green White/Blue

**Firmware:** el vehículo requiere firmware **BLADE-AL (DL) -CH4**, módulo flash y actualice el firmware del controlador antes comenzando la instalación.

**CAN:** En caso de que sea necesario solucionar problemas, las conexiones CAN se encuentran en el conector del vehículo **WIN** (nodo de encendido inalámbrico).

**Luces:** Las luces de estacionamiento de **Tipo A MUX** se instalan en el conector del interruptor de faros de 6 pines suministrado en el conjunto de arnés, asegure correctamente el conector de 10 pines no utilizado por seguridad.

**RAP:** El manejo de apagado de RAP para todos los demás vehículos cubiertos se encuentra en el cable de clavija de la puerta del conductor, el cable **púrpura** ubicado en el arnés del panel de protección del conductor, pruebas de circuito (-) negativas con la puerta abierta.

## FTI-CDK2 - Notas de instalación y configuración

- A** Conexión de apagado RAP, configure POC para RAP (opción # 31).
- B** WTS (esperar para comenzar) para aplicaciones diesel.
- C** No se requiere conexión.

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

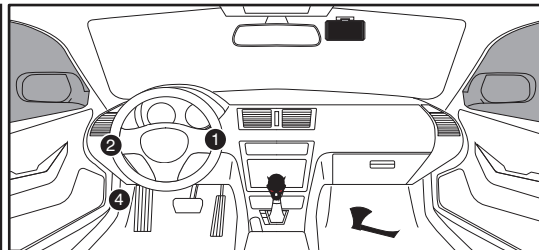
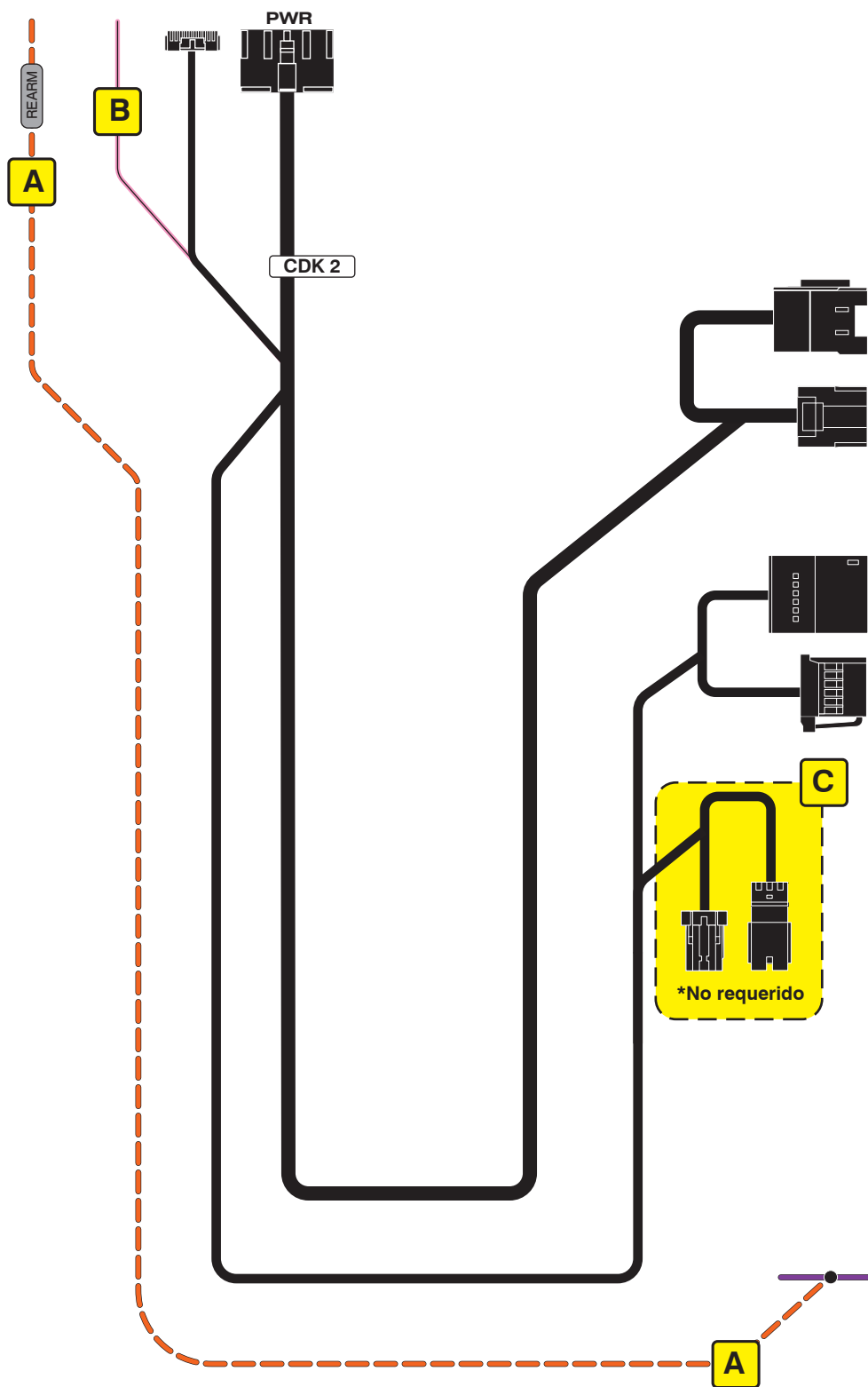
**CM7000/7200** Cut loop for A/T

**CM-900S/900AS**

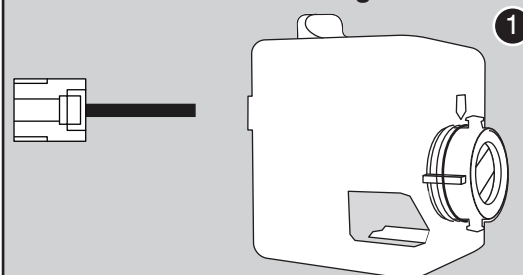
**CM900AS/900S Jumper**



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		



**Wireless Ignition Node**



**Headlight Switch**



**Driver kick panel harness**

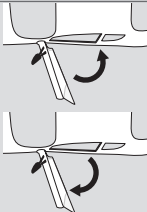

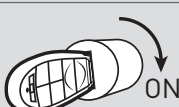
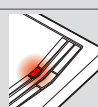
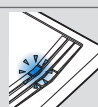
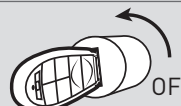


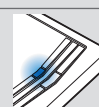
Morado (-)

**Códigos de error de programación de LED**

El LED del módulo parpadea en ROJO durante la programación

- 1x - CAN problema
- 2x - Inmovilizador (confirme que el vehículo está equipado, presione el botón si no)
- 3x - Inmovilizador (confirme que el vehículo comienza con la llave)
- 4x - Sin información VIN
- 5x - VIN no coincide (póngase en contacto con soporte)

## 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



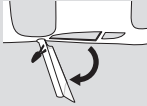



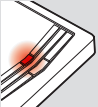
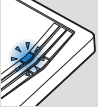
- All vehicle doors must be closed and locked prior to remote start sequence.

 TIME RESTRICTION COMING UP !

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

### NOTE

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 TIME RESTRICTION COMING UP !

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