

Make	Model	Year	Install	CAN	Lights	Trunk/Liftgate	Brake	I/O Changes
DL-FM2 Ford	Focus Key	2008-11	Type 1	OBD-II	Park / Auto A	BCM	N/A	Green White/Blue N/A

Firmware:

Los vehículos cubiertos utilizan el firmware **BLADE-AL (DL) -FM2**, el módulo flash y actualizan el firmware del controlador antes de la instalación.

Configuración del controlador:

Configure la función 1-11 en la opción 2 (Pulso de encendido - mismo tiempo que el pulso de desarmado) para el manejo adecuado de la alarma OEM.

Cerraduras de las puertas:

Vehículo con alarma: las cerraduras de las puertas requieren tres conexiones (1 desbloqueo, 2 cerraduras) y dos diodos.

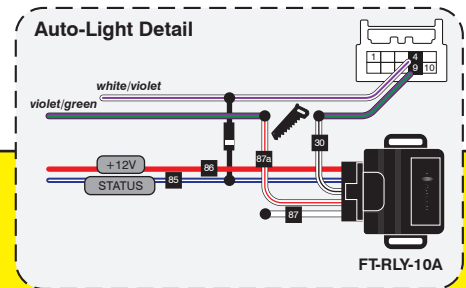
Vehículo sin alarma: las cerraduras de las puertas requieren dos cables y sin diodos.

Freno:

Se requiere una conexión de freno analógica, se utilizan dos tipos de conectores posibles, el color del cable es púrpura / blanco en el interruptor de freno conector, pin n. ° 4 del conector de 4 pines o pin n. ° 2 del conector de 2 pines, el equipo del vehículo varía.

Luces automáticas:

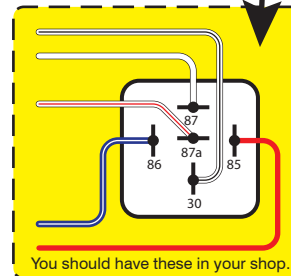
Si el vehículo está equipado con la función de luz automática, consulte el diagrama para conocer las conexiones necesarias.



Tenga en cuenta que el arnés ha cambiado, se han agregado puentes que permiten seleccionar entre potencia IGN y PATS para programación BLADE. Este tipo de instalación no requiere el uso de estos puentes, no los conecte.

FTI-FDK1 - Notas de instalación y configuración

- A** NO CORTAR - Bucle TX DL-FM3
- B** NO CONECTE a menos que el vehículo NO tenga INMOVILIZADOR
- C** CONEXIONES PARA VEHÍCULO SIN ALARMA
- D** CONEXIONES PARA VEHÍCULO CON ALARMA
- E** CONEXION REQUERIDA



- 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

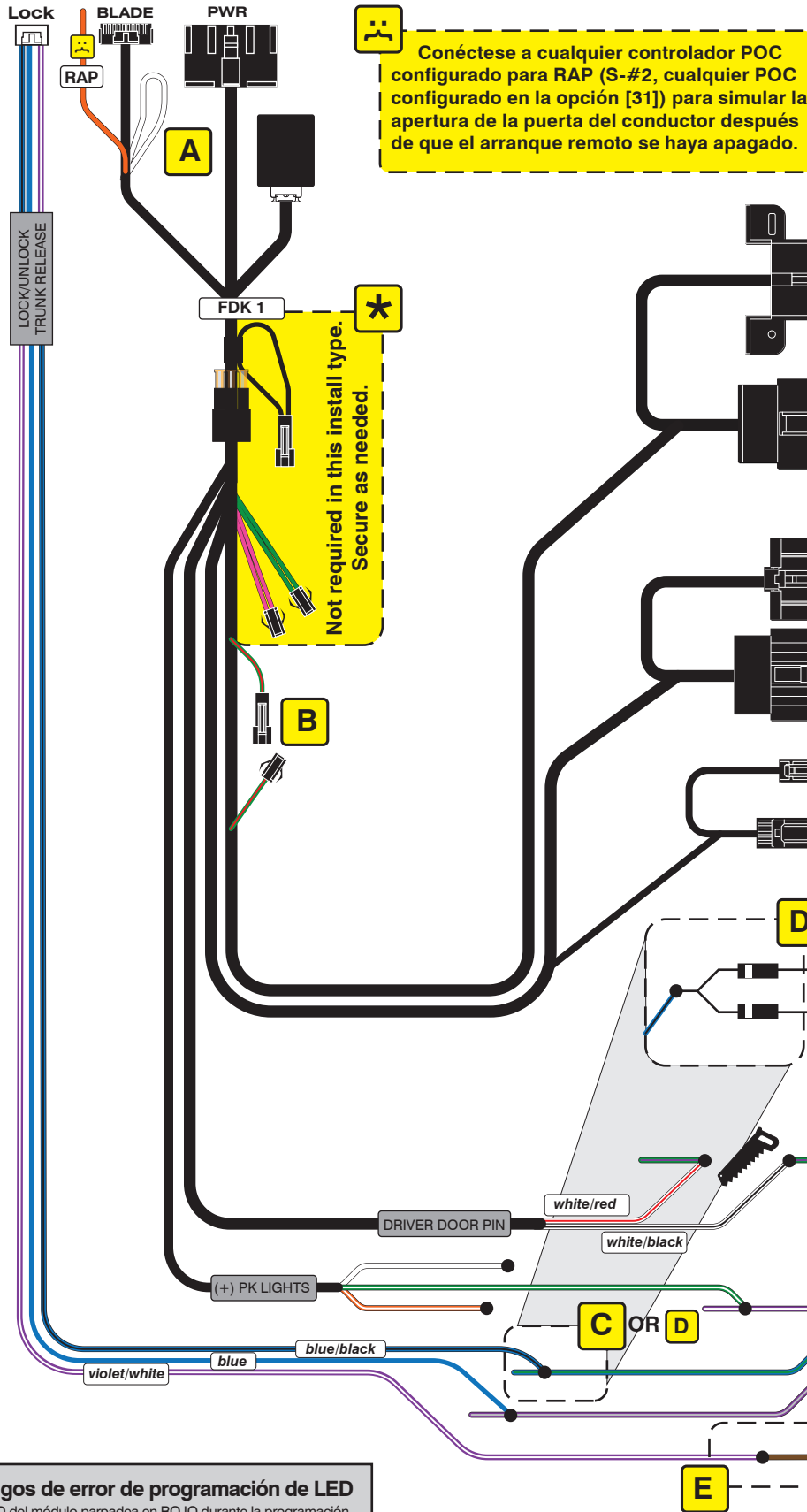
CM-900S/900AS

CM900AS/900S Jumper

START
ACC
IGN1

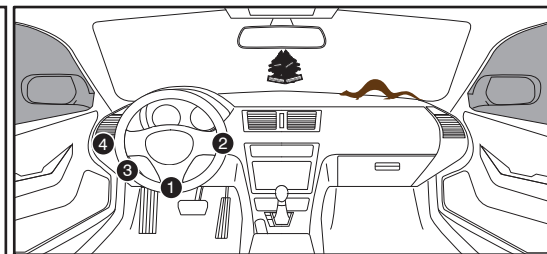


COBERTURA DE FUNCIONES												
IMMOBILIZER DATA	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE	DOOR STATUS	RAP SHUTDOWN	BRAKE STATUS	HOOD STATUS	TACH OUTPUT	A/M CONTROL	PARKING LIGHTS

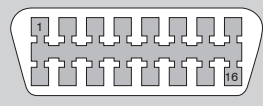


Conéctese a cualquier controlador POC configurado para RAP (S-#2, cualquier POC configurado en la opción [31]) para simular la apertura de la puerta del conductor después de que el arranque remoto se haya apagado.

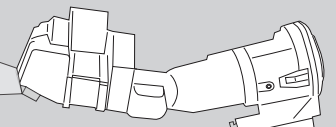
Not required in this install type. Secure as needed.



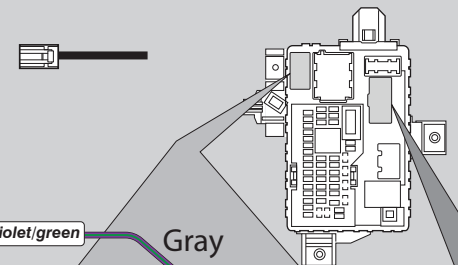
OBD-II Connector



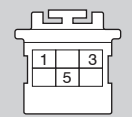
Ignition switch



BCM



Lift gate switch*

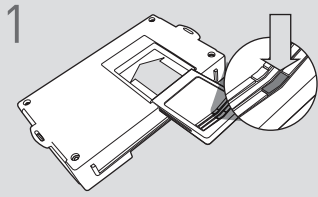


*Edge, Flex, and MKX only

Códigos de error de programación de LED
El LED del módulo parpadea en ROJO durante la programación

- 1x - Error de CAN, verifique el cableado
- 2x - Error de VIN, verifique el cableado CAN
- 3x - Firmware incorrecto
- 4x - Error de VIN, vehículo no identificado
- 5x - Error de inmovilizador, verifique RX / TX
- 6x - Error de KLON, verifique el cableado RX / TX
- 7x - Error de KLON, proceso fallido, reiniciar módulo
- 8x - Error de cifrado, 80 bits detectados
- 9x - Introduzca el cilindro, retírelo y continúe

CARTRIDGE INSTALLATION

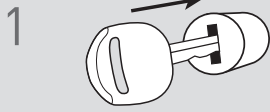


1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

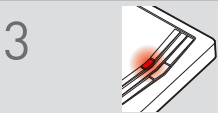
MODULE PROGRAMMING PROCEDURE - WITH ONE OEM KEY & KLON



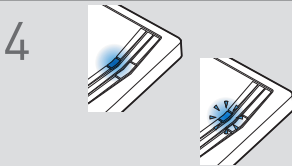
1 Insert key into ignition.



2 Turn key to ON position.



3 LED will turn solid RED.

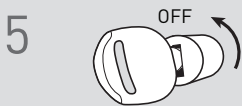


4 If LED turns solid BLUE, proceed with step 13.

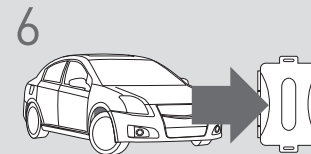
If LED flashes BLUE, proceed with step 5.



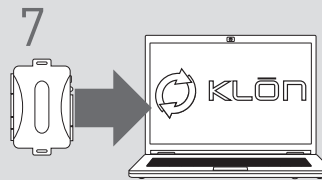
If the LED begins to flash RED/BLUE, the key has an 80-bit encryption that is not covered by KLON.



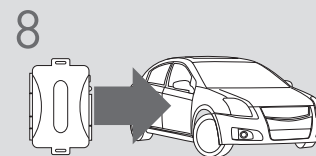
5 Turn key to OFF position.



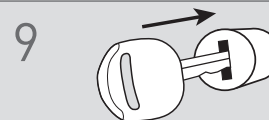
6 **WARNING:**
Disconnect power last.
Disconnect module from vehicle.



7 Connect module to computer and proceed with extended programming.



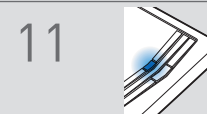
8 **WARNING:** Do not press module programming button.
Connect power first.
Connect module to vehicle.



9 Insert key into ignition.



10 Turn key to ON position.



11 Wait, LED will turn solid BLUE for 2 seconds.



12 Turn key to OFF position.

13

Module Programming Procedure completed.

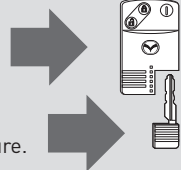
MODULE PROGRAMMING PROCEDURE - WITH TWO OEM KEYS

NOTE

I To complete this procedure, both OEM keys are required.

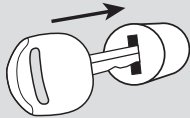


II Keep both OEM remotes at least 10 feet away from the vehicle.

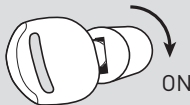


Use both valet keys for the module programming procedure.

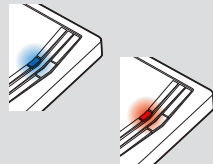
1 Insert key 1 into ignition.



2 Turn key 1 to ON position.



3 If LED turns solid BLUE, proceed with step 18.

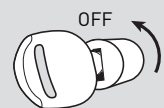


If LED turns solid RED, proceed with step 4.

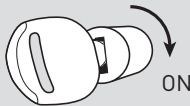
4 Wait, LED will flash BLUE. (This may take up to 10 seconds.)



5 Turn key 1 to OFF position.

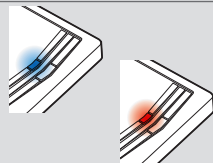


6 Turn key 1 to ON position.



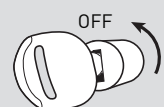
! If the LED begins to flash RED, verify the RX and TX connections between the module and the vehicle.

7 If LED turns solid BLUE for 2 seconds, proceed with step 18.

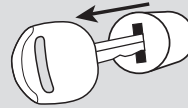


If LED turns solid RED, proceed with step 8 within 5 seconds, after LED turns OFF.

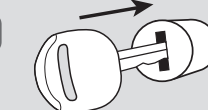
8 Turn key 1 to OFF position.



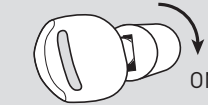
9 Remove key 1.



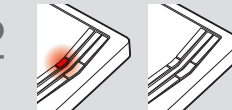
10 Insert key 2 into ignition.



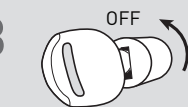
11 Turn key 2 to ON position.



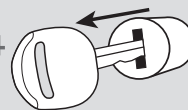
12 Wait, LED will turn solid RED then will turn OFF.



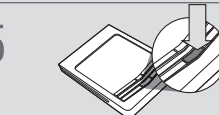
13 Turn key 2 to OFF position.



14 Remove key 2.



15 Press and release programming button.

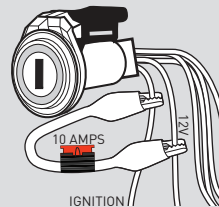


16 Remote start vehicle.



OR

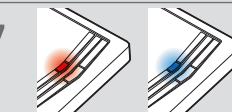
Jump the ignition to 12volts.



IGNITION

! If the LED begins to flash RED, you are using a cloned key or used the same key twice.

17 Wait, LED will turn solid RED then will turn solid BLUE.



18 Module Programming Procedure completed.