# FTI-FDK1: Vehicle Coverage and Preparation Notes

| RSTECH, LLC.<br>SUPPORT - 1(888) 820-3690, EXT. 203 |
|-----------------------------------------------------|
|-----------------------------------------------------|

| Make    | Model          | Year    | Install | CAN    | Lights      | Trunk/<br>Liftgate | Brake | I/O Changes      |  |
|---------|----------------|---------|---------|--------|-------------|--------------------|-------|------------------|--|
| DL-FM2  |                |         |         |        | Park / Auto |                    |       | Green White/Blue |  |
| Lincoln | MKZ Hybrid Key | 2010-12 | Type 2  | OBD-II | Α           | N/A                | N/A   | N/A              |  |
|         |                |         |         |        |             |                    |       |                  |  |

#### Firmware:

Covered vehicles use BLADE-AL(DL)-FM2, flash module and update the controller firmware before installing.

### **Controller Configuration:**

Set feature 1-11 to option 2 (Ignition pulse - same timing as disarm pulse) for proper handling of OEM alarm.

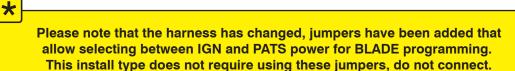
### **Door Locks:**

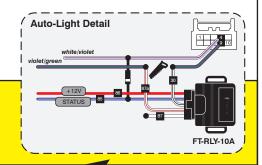
Vehicles wth alarm: Door locks require three wire connections (1-unlock, 2-lock) and two (2) diodes isolating the lock wire

Vehicles without alarm: Door locks require two wire connections and no diodes.

Auto-lights: If vehicle is equipped with auto-light feature, refer to the diagram below for required connections.

Auto-light: *violet/green* (pin #4) Light-off: white/violet (pin #6)





FT-DAS Required for manual transmission.

Parking Light (Default) Accessory (De

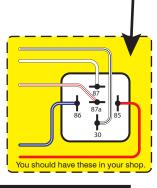
Starter Starter 🗆 🗆 🗖 🗖 Ignition

• BOTH Red & Red/White MUST be connected with high current application. Jumper Setting

Trunk I

# FTI-FDK1 - Installation and Configuration Notes

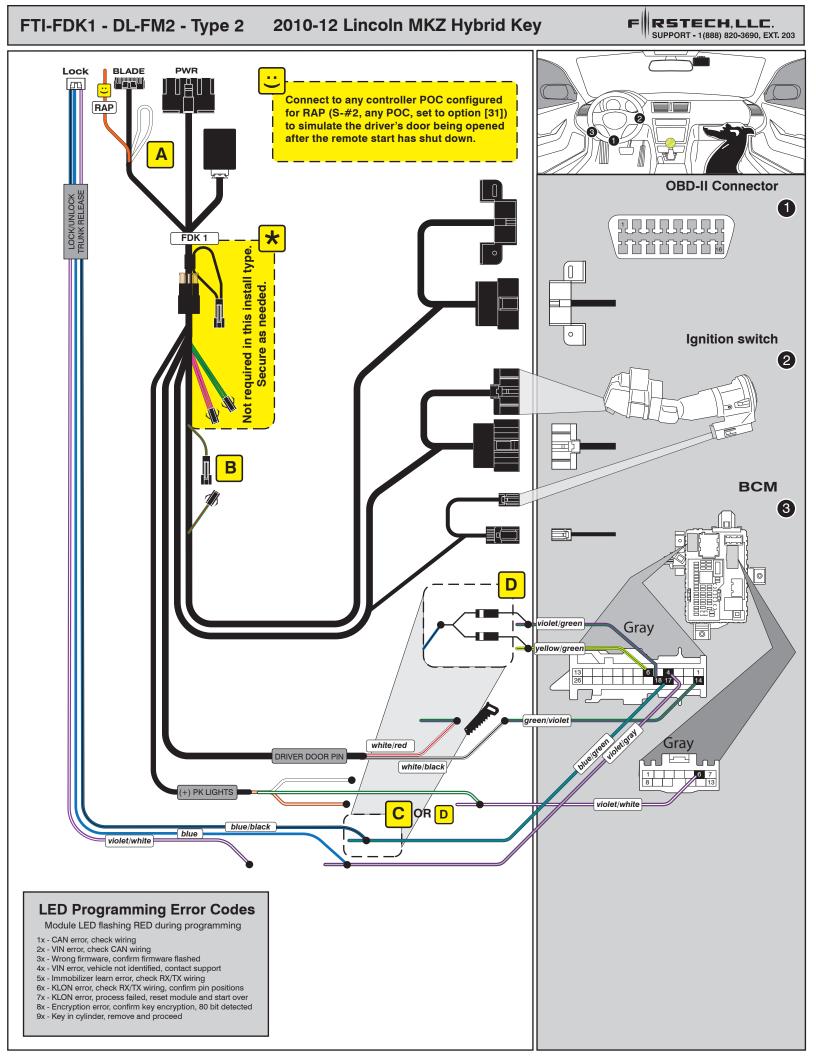
- Α DO NOT CUT - DL-FM3 TX loop
- DO NOT CONNECT unless vehicle has NO IMMOBILIZER
- CONNECTIONS FOR VEHICLE WITHOUT ALARM
- D CONNECTIONS FOR VEHICLE WITH ALARM



| IJ |                              |
|----|------------------------------|
| IJ | CM7000/7200 Cut loop for A/T |
|    | CM-900S/900AS                |
|    | CM900AS/900S Jumper          |
|    |                              |
|    | START<br>ACC<br>IGN1         |



|                  | FEATURE COVERAGE |           |             |               |                  |                        |  |  |  |             |              |              |             |             |  |             |                |  |  |
|------------------|------------------|-----------|-------------|---------------|------------------|------------------------|--|--|--|-------------|--------------|--------------|-------------|-------------|--|-------------|----------------|--|--|
| 0                |                  | 0         | 0           | 0             | 0                | 0                      |  |  |  | 0           | 0            | 0            | 0           | 0           |  | 0           | 0              |  |  |
| IMMOBILIZER DATA |                  | роов госк | DOOR UNLOCK | ARM OEM ALARM | DISARM OEM ALARM | TRUNK/HATCH<br>RELEASE |  |  |  | DOOR STATUS | RAP SHUTDOWN | BRAKE STATUS | HOOD STATUS | тасн оитрит |  | A/M CONTROL | PARKING LIGHTS |  |  |

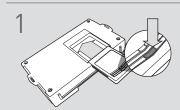




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## CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

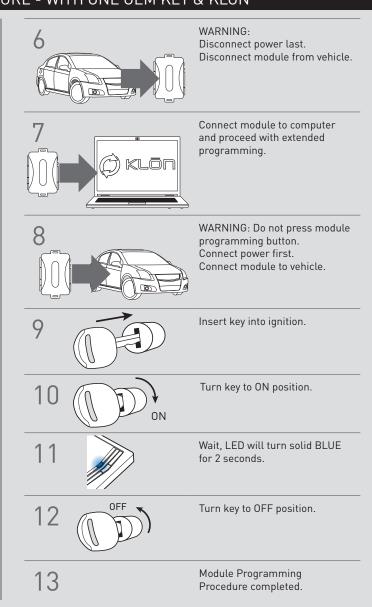
2

Ready for Module Programming Procedure.

# MODULE PROGRAMMING PROCEDURE - WITH ONE OEM KEY & KLON

|   | 1100022                                                    | PROGRAMMING PROCE                                                                         |
|---|------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1 |                                                            | Insert key into ignition.                                                                 |
| 2 | ON                                                         | 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. |
| į | If the LED begins to flash<br>bit encryption that is not o | RED/BLUE, the key has an 80-<br>covered by KLON.                                          |

Turn key to OFF position.



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## 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 vehicule.



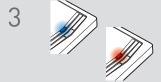
Use both valet keys for the module programming procedure.



Insert key 1 into ignition.



Turn key 1 to ON position.



If LED turns solid BLUE, proceed with step 18.

If LED turns solid RED, proceed proceed with step 4.



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



Turn key 1 to OFF position.

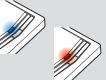


Turn key 1 to 0N position.



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





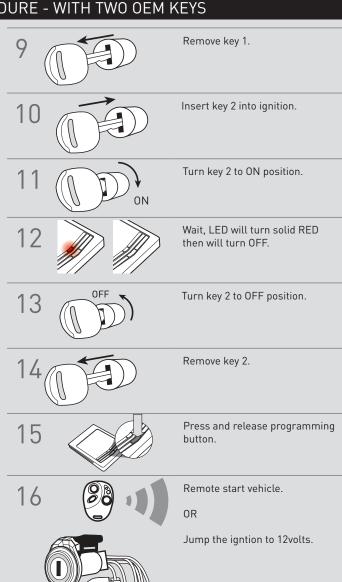
If LED turns solid BLUE for 2 seconds, proceed with step 18.

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

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Turn key 1 to OFF position.





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



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

18

Module Programming Procedure completed.