



## INSTALL GUIDE

### OEM-AL(RS)-FM6-[ADS-ALCA]-EN

**DOCUMENT NUMBER**  
16348

**REVISION DATE**  
20140908

**FIRMWARE**  
OEM-AL(RS)-FM6-[ADS-ALCA]

**HARDWARE**  
ADS-ALCA

**ACCESSORIES**  
ADS-USB (REQUIRED)

**NOTICE** The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. Please review the Installation Guide carefully before beginning any work.



#### BEFORE INSTALLATION

- 1- Connect module to computer
- 2- Login to Weblink account
- 3- Flash firmware to module (module is not preloaded with firmware)
- 4- Use accessories accordingly (accessories are sold separately)

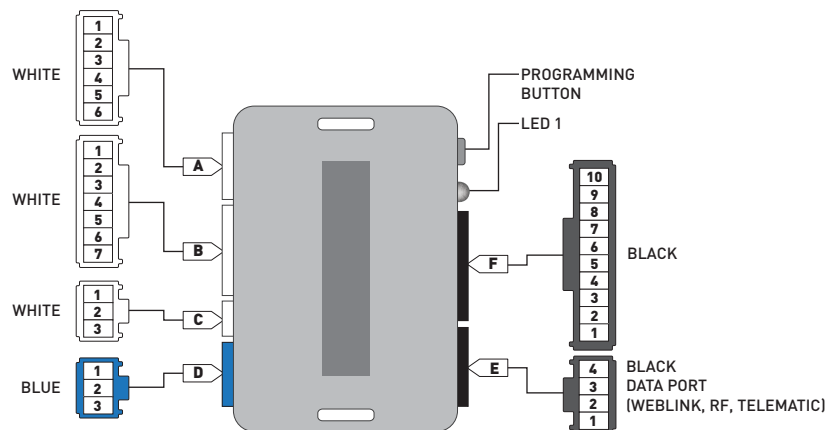
MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES									
				DATA IMMOBILIZER BYPASS	TACHOMETER STATUS	HOOD STATUS OUTPUT	BRAKE PEDAL STATUS OUTPUT	RAP SHUTDOWN CTRL	HEATED MIRRORS CTRL	HEATED SEATS CTRL	REAR DEFROST CTRL	A/M RS CTRL FROM OEM REMOTES	
FORD	Fusion STD key AT	13-14	1	•	•	•	•	•	•	•	•	•	
	Fusion Hybrid STD key AT	13-14	1	•	•	•	•	•	•	•	•	•	
	Fusion PTS AT	13-14	1	•	•	•	•	•	•	•	•	•	
	Fusion Hybrid PTS AT	13-14	1	•	•	•	•	•	•	•	•	•	
LINCOLN	MKZ PTS AT	13-14	1	•	•	•	•	•	•	•	•	•	
	MKZ Hybrid PTS AT	13-14	1	•	•	•	•	•	•	•	•	•	

**NOTES**

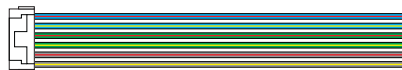
- I This firmware does not cover the doorlock feature. Use the OEM remote or an aftermarket one button remote to control the doorlock feature. The OEM remotes remain functional during runtime.
- II The maximum runtime for all 2013 models is 20 minutes. The remote start sequence can only be done once. To perform another remote start sequence, start and stop the vehicle or wait 1 hour.

## BOX CONTENTS

### MODULE



### 6 PIN WHITE CONNECTOR



### 7 PIN WHITE CONNECTOR



### 3 PIN WHITE CONNECTOR



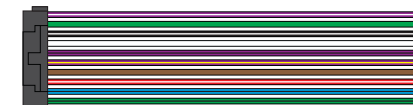
### 3 PIN BLUE CONNECTOR



### 4 PIN BLACK CONNECTOR



### 10 PIN BLACK CONNECTOR



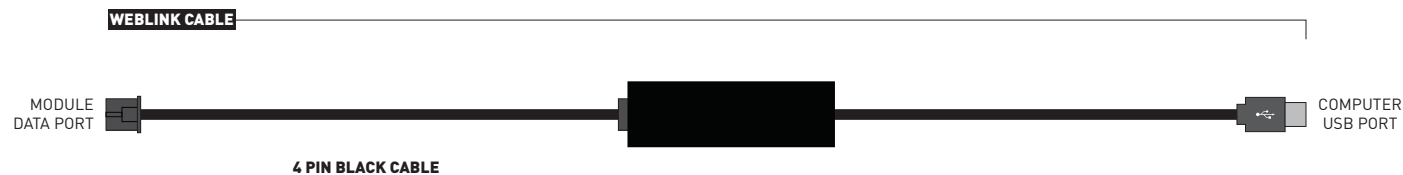
### DATA CABLE 1



### DATA CABLE 2

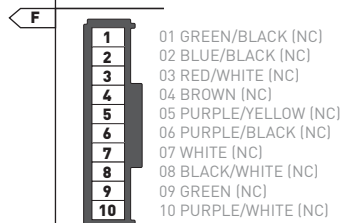
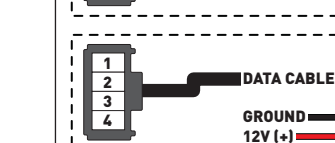
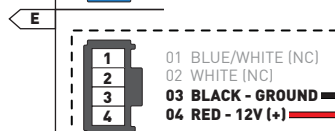
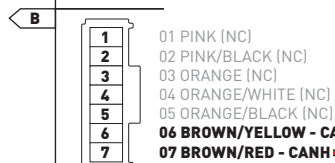
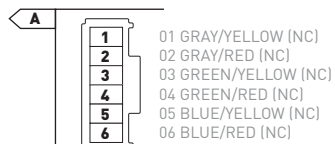
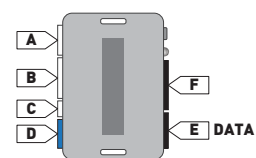


## WEBLINK CABLE (required accessory sold separately)



MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
FORD	Fusion / Fusion Hybrid STD key AT	13-14	CanH 1	OBDII	Black	24 pin	20	Blue	(DATA)	OBDII module, driver side dash	~
			CanL 1	OBDII	Black	24 pin	19	White	(DATA)	OBDII module, driver side dash	~
			CanH 2	OBDII	Black	24 pin	23	Gray/Orange	(DATA)	OBDII module, driver side dash	~
			CanL 2	OBDII	Black	24 pin	22	Purple/Orange	(DATA)	OBDII module, driver side dash	~
			12V	OBDII	Black	24 pin	13	White/Red	(+)	OBDII module, driver side dash	~
			Ground	OBDII	Black	24 pin	01	Black/Gray	(-)	OBDII module, driver side dash	~
	Fusion / Fusion Hybrid PTS AT	13-14	CanH 1	OBDII	Black	24 pin	20	Blue	(DATA)	OBDII module, driver side dash	~
			CanL 1	OBDII	Black	24 pin	19	White	(DATA)	OBDII module, driver side dash	~
			CanH 2	OBDII	Black	24 pin	23	Gray/Orange	(DATA)	OBDII module, driver side dash	~
			CanL 2	OBDII	Black	24 pin	22	Purple/Orange	(DATA)	OBDII module, driver side dash	~
			12V	OBDII	Black	24 pin	13	White/Red	(+)	OBDII module, driver side dash	~
			Ground	OBDII	Black	24 pin	01	Black/Gray	(-)	OBDII module, driver side dash	~
LINCOLN	MKZ / MKZ Hybrid PTS AT	13-14	CanH 1	OBDII	Black	24 pin	20	Blue	(DATA)	OBDII module, driver side dash	~
			CanL 1	OBDII	Black	24 pin	19	White	(DATA)	OBDII module, driver side dash	~
			CanH 2	OBDII	Black	24 pin	23	Gray/Orange	(DATA)	OBDII module, driver side dash	~
			CanL 2	OBDII	Black	24 pin	22	Purple/Orange	(DATA)	OBDII module, driver side dash	~
			12V	OBDII	Black	24 pin	13	White/Red	(+)	OBDII module, driver side dash	~
			Ground	OBDII	Black	24 pin	01	Black/Gray	(-)	OBDII module, driver side dash	~

**MODULE**



**STEP 1**

SELECT ONE OF THE TWO OPTIONS

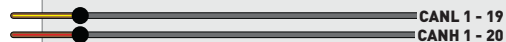
WITHOUT A COMPATIBLE ACCESSORY:  
CONNECT 12V AND GROUND FROM  
MODULE TO VEHICLE.

OR

WITH A COMPATIBLE ACCESSORY:  
SEE THE COMPATIBLE ACCESSORIES  
PAGE FOR DETAILS.

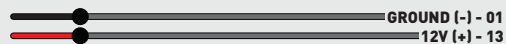
**STEP 2**

CONNECT TEMPORARILY  
SEE PROGRAMMING PROCEDURE

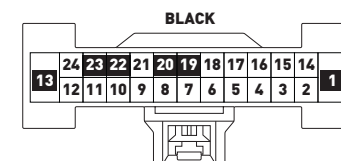


**STEP 3**

CONNECT TO VEHICLE  
SEE PROGRAMMING PROCEDURE



**OBDII MODULE, DRIVER SIDE DASH**



- 01** CONNECT every wire shown in STEP 1 and STEP 2 of the wiring diagram.



- 02** Set ignition to ON position.



- 03** Wait, LED 1 will turn solid RED.



- 04** Set ignition to OFF position.



- 05** Wait, LED 1 will flash GREEN rapidly.



- 06** DISCONNECT every wire shown in STEP 2 and CONNECT every wire shown in STEP 3 of the wiring diagram.



- 07** Set ignition to ON position.



- 08** Wait, LED 1 will turn solid GREEN for 2 seconds.



- 09** Set ignition to OFF position.



- 10** Module Programming Procedure completed.



>>



NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional. See RF kit user manual for alternate valet mode programming.

01



Time restriction. Complete next step within 7 seconds.

02



Cycle ignition ON five times [5x OFF/ON] rapidly.

03



Wait, LED 1 will turn solid RED for 2 seconds.

04



Set ignition to OFF position.

05





Valet Mode Programming Procedure completed.

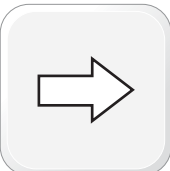
>>




To exit valet mode: repeat steps 1 to 5.


>>  It is mandatory to exit the Module Navigation at the end of this procedure. Failure to exit the Module Navigation will drain vehicle battery. To exit the Module Navigation at any time: Follow STEP 13.


>>  Module must be programmed to the vehicle.


>>  Use the Module Navigation Chart on the next page.


01  Set ignition to OFF position.

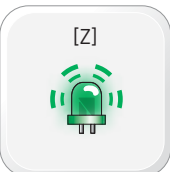
02  TO ACCESS THE MENUS: Press and hold programming button until LED 1 turns solid GREEN.


03  IN THE MENUS: Press the programming button as many times as the menu number indicates. LED 1 will flash GREEN an equal amount of times continuously.


04  TO ACCESS THE OPTIONS: Press and hold programming button until LED 1 turns solid RED.

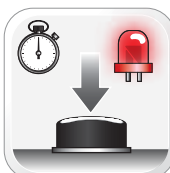
05  IN THE OPTIONS: Press the programming button as many times as the option number indicates. LED 1 will flash RED an equal amount of times continuously.

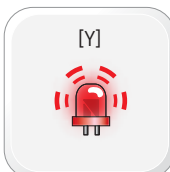
06  TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.


07  LED 1 will flash GREEN as many times as the current (or default) setting number, continuously.


08  IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

09  To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.


10  To save and return to the OPTIONS: Press and hold programming button until LED 1 turns solid RED.

11  LED 1 will flash RED as many times as the current option number continuously.

12  Configure every other setting and proceed to step 13.

13  MANDATORY: EXIT MODULE NAVIGATION. Press and hold programming button for 7 seconds. LED 1 will flash RED rapidly. Release programming button. LED 1 will turn OFF.

14  Module navigation completed.

>>  Failure to exit the Module Navigation will drain vehicle battery.

MODULE NAVIGATION CHART: NOTES	[X] MENUS		[Y] OPTIONS		[Z] SETTINGS	
I Default settings are listed in bold. II Make sure the option is covered on the vehicle before attempting to change the setting.	01	CONFIGURATION	01-04	N/A	01	N/A
			05	TAKEOVER	<b>01</b>	<b>ENABLE</b>
			06	N/A	02	DISABLE*
			07	FACTORY KEYLESS RS SEQUENCE	01	N/A
					01	DISABLE
					02	N/A
					03	LOCK + UNLOCK + LOCK
					<b>04</b>	<b>LOCK + LOCK + LOCK</b>
			08	MODULE RUN TIME	01	03 MIN
					02	05 MIN
					03	10 MIN
					04	15 MIN
					05	25 MIN**
					06	30 MIN**
					07	35 MIN**
					<b>08</b>	<b>15 MIN</b>
			09-12	N/A	01	N/A
	02-07	Technical Support only	01	N/A	01	N/A

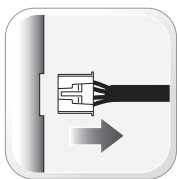
\*Vehicle will shutdown when a door is opened.

\*\*The maximum runtime for 2013 models is 20 minutes.

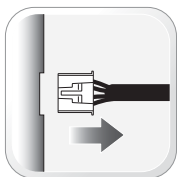
REMOTE STARTER ERROR CODES: NOTES	[X] NUMBER OF PARKING LIGHT FLASHES	DIAGNOSTIC
I WARNING: The following applies only when the parking lights are connected and supported by the system.	03	Foot brake is ON.
	04	Hood is open.
II After a remote starter failure, the parking lights will flash [X] number times to indicate an error code. See table.	05	Engine tach signal is lost.
	06	System is in Valet Mode.
	07	Vehicle is moving (VSS).
	08	Glow plug timeout error.

TEST MODULE		LED 1 STATUS	DIAGNOSTIC
I	DURING PROGRAMMING	Flashing RED	Missing/wrong information from firmware or vehicle.
		Solid RED	Module waiting for more vehicle information.
		Flashing GREEN	Additional steps required to complete module programming.
		Solid GREEN then OFF	Module correctly programmed.
		OFF	No activity or module already programmed.
II	DURING REMOTE START	Flashing RED	Module incorrectly programmed.
		Solid RED	Module incorrectly programmed.
		Flashing GREEN	Module correctly programmed and operational.
		Solid GREEN then OFF	Reset in progress.
		OFF	Invalid ground when running status from remote starter.
III	WITH IGNITION OFF	Flashing RED	Module incorrectly programmed or connected.
		Solid RED	Module not programmed. Waiting for more vehicle information.
		Flashing GREEN	False ground when running status from remote starter.
		Solid GREEN then OFF	Reset in progress.
		OFF	Module at rest and ready for a remote start sequence.

- 01** Disconnect all connectors from module except the BLACK 4-PIN connector.



- 02** Disconnect the BLACK 4-PIN connector.



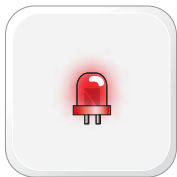
- 03** PRESS AND HOLD programming button while connecting the BLACK 4-PIN connector.



- 04** Wait, LED 1 will flash RED. RELEASE programming button.



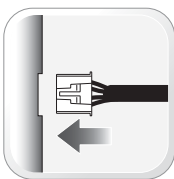
- 05** LED 1 will turn RED for 2 seconds.



- 06** Module RESET completed.



- 07** Reconnect all connectors.



- 08** Repeat programming procedure.



- >>** Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.



>>



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

01



Press unlock on OEM or aftermarket remote or request switch.

02



DO NOT PRESS BRAKE PEDAL. Set ignition to ON position. Wait 2 seconds for key validation.

03



Press and release BRAKE pedal.

04



Take over procedure completed.

>>



Failure to follow procedure will result in vehicle engine shutdown.

CHECKLIST	
1	WARNING: Vehicle engine will start many times. Test in a well ventilated area.
2	Close all vehicle doors, hood and trunk.
3	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	<b>Question 1:</b> Does the vehicle remote start?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: The module doesn't detect OEM remote lock button from the vehicle communication network. Check all connections, repeat the test and call technical support, if the problem persists.
4	Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down vehicle.
	<b>Question 2:</b> Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Repeat step. If the problem persists, press on the brake pedal once [1x] to shut down the vehicle and call technical support.
5	RAP Shutdown test
	<b>Question 3:</b> Did the radio, interior controls, and headlights turn off within 60 seconds after remote start shutdown?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support, if the problem persists.
6	Open hood.
7	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
8	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	<b>Question 4:</b> Does the vehicle remote start?
<input type="checkbox"/>	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
<input type="checkbox"/>	NO: Go to next step.
9	Close hood.
10	Enter vehicle and close the doors.
11	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
12	Wait for the vehicle to start.
13	Press brake pedal.
	<b>Question 5:</b> Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: The module does NOT detect the brake pedal signal. Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down, check the brake connection as illustrated in the wiring diagram, if applicable, and call technical support.
14	Exit vehicle.
15	Installation checklist completed.