FTI-HDK1: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	Locks	Lights	IGN	POC	I/O Changes
DL-HA1 Acura	EL 1.7 STD Key without OEM Alarm	2001-05	Type 2	Analog	**Park / Auto** Blue	N/A	N/A	**Green White/Blue** N/A

This installation requires **BLADE-AL(DL)-HA1**, flash module and update the controller firmware before beginning the installation.

Lights: +12V parking light harness provision (**green**/**white**) connects directly to the vehicle at pin #5 of the 16-pin connector *(black/white)* at the keyless module, located above the driver kick panel.

Tach: *Blue* (pin #5, green 13-pin connector) front of fuse box, connect as illustrated.

Brake: *White/black* (pin #2, green 13-pin connector) front of fuse box, connect as illustrated.

Door Locks: In vehicles is not equipped with a factory alarm, door lock wires are as follows, connect as illustrated,

   Lock: *White/blue* (pin #18, gray 20-pin connector) above driver kick panel.
   Unlock: *White/green* (pin #19, gray 20-pin connector) above driver kick panel.

FTI-HDK1 - Installation and Configuration Notes

A CUT REQUIRED

B NOT REQUIRED

C CONNECTION REQUIRED

D NOT REQUIRED

E CONNECTIONS REQUIRED

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

Jumper Setting

Parking Light			(+)Door Trigger In
Accessory			(–)Door Trigger In [Default]
Ignition [Default]			
Trunk			Starter
Starter			Ignition
Parking Light [Default]			Accessory [Default]

CM7000/7200   Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

START
ACC
IGN1

FEATURE COVERAGE

IMMOBILIZER DATA	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE				BRAKE STATUS		TACH OUTPUT			PARKING LIGHTS	
●	●	●	●	●	●				●		●			●	

D BLADE HA1

A

B BLADE HA2

PWR

UNLOCK

LOCK

BRAKE

TACH

HORN

GREEN

blue

D

RELAY CONTROLLED

No Connection

C

blue

white/black

E

20 Pin Gray Connector 3

white/blue
white/green

20 19 18 | | | | 11
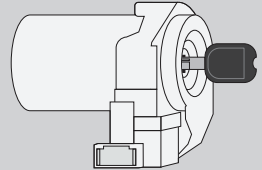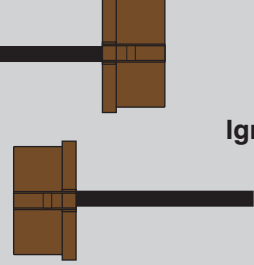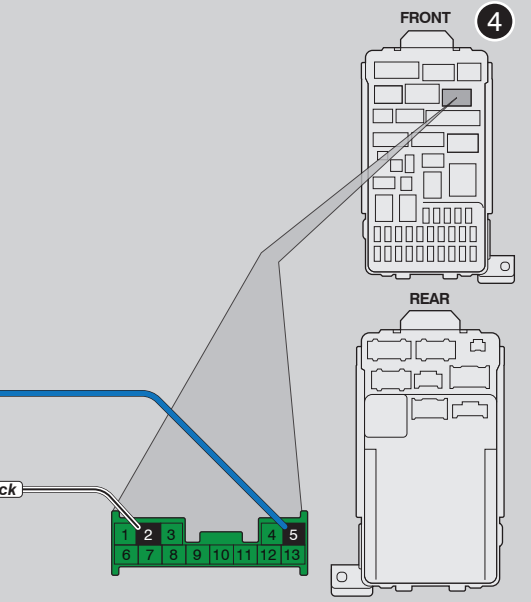10 | | | | | |

(Above Driver Kick Panel)

Immobilizer/Key Cylinder 1
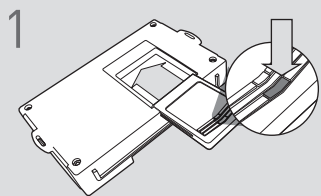
Ignition Switch Harness 2

Keyless Module 3

1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16

Fuse Box 4

FRONT

REAR

1 2 3 4 5
6 7 8 9 10 11 12 13
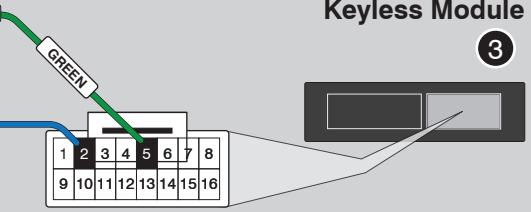
LED Programming Error Codes

Module LED flashing RED during programming

1x - No SWC (doorlock) activity, check orange wire connection
2x - IMMO error, check connection and harness configuration (jumpers)
3x - Generic error, come on... it's a T-harness :)

INSTALL GUIDE

BLADE SERIES

ALL IN ONE
HONDA/ACURA

Patent No. US 8,856,780 CA 2759622

BLADE-AL(DL)-HA1-EN Doc. No.: ##45588## 20171107

CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.
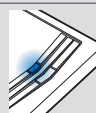
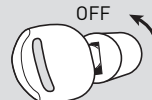## MODULE PROGRAMMING PROCEDURE
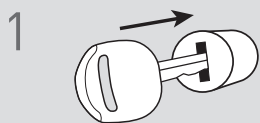
1 Insert key into ignition.

2 Turn key to ON position.

ON

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

4 Turn key to OFF position.

OFF

5 Module Programming Procedure completed.