FTI-HDK1: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	Locks	Lights	IGN	POC	I/O Changes
DL-HA1 Acura	EL 1.7 STD Key with OEM Alarm	2001-05	Type 2	DATA	**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: Door locks are covered via data in vehicles equipped with a factory alarm. Connect harness *orange* wire to vehicle *blue/orange* wire (pin #2, lt.green 17-pin connector), located at the rear of fuse box.

FTI-HDK1 - Installation and Configuration Notes

A CUT REQUIRED

B NOT REQUIRED

C CONNECTION REQUIRED

D NOT REQUIRED

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

Jumper Setting

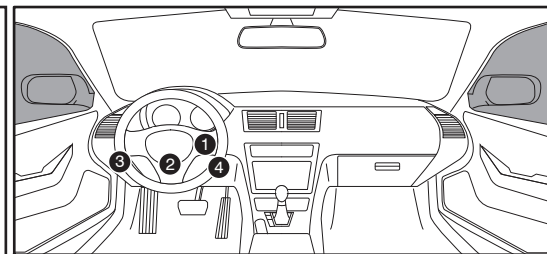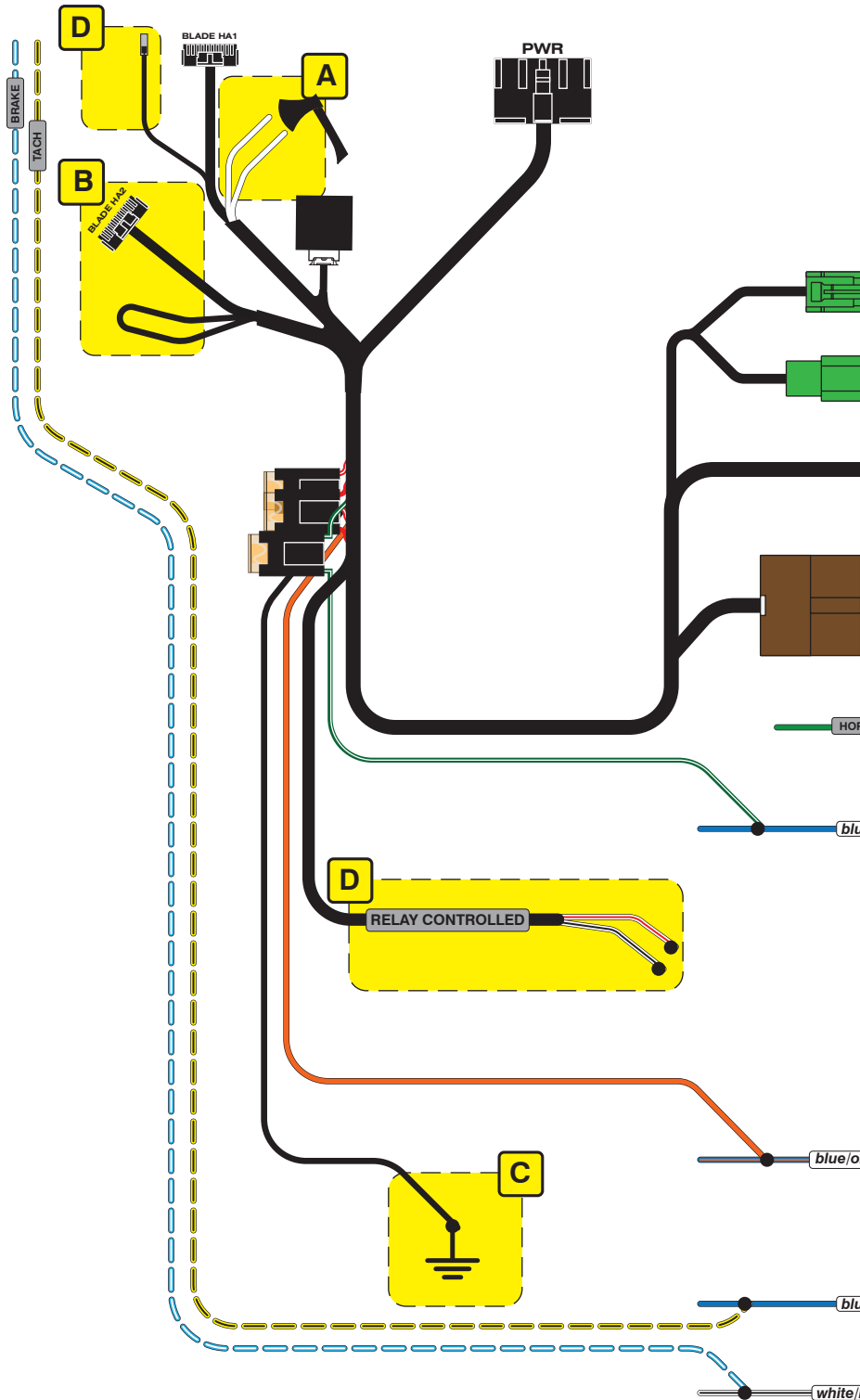|	
Parking Light	(+)Door Trigger In
Accessory	(–)Door Trigger In [Default]
Ignition [Default]	
Trunk	Starter
Starter	Ignition
Parking Light [Default]	Accessory [Default]

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

BRAKE

TACH

D

RELAY CONTROLLED

C

HORN

GREEN

blue

blue/orange

blue

white/black

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

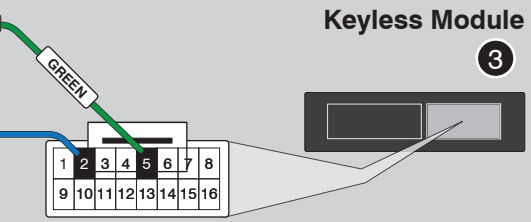| 1 | 2 | 3 | 4 | | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

| 1 | 2 | 3 | | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

Immobilizer/Key Cylinder ❶
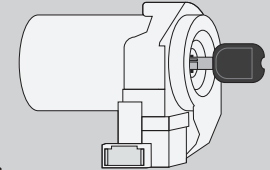
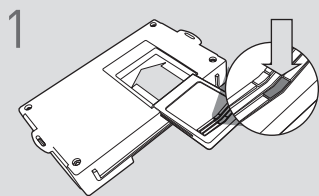**Ignition Switch Harness** ❷

Keyless Module ❸

Fuse Box ❹

FRONT

REAR
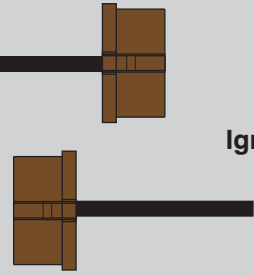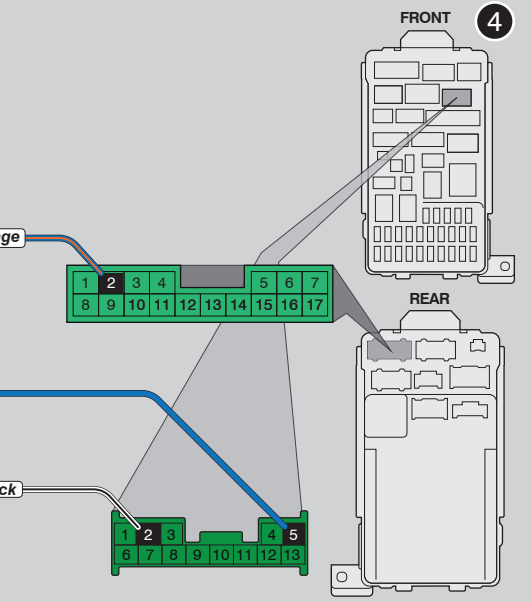
LED Programming Error Codes

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 :)

Patent No. US 8,856,780 CA 2759622
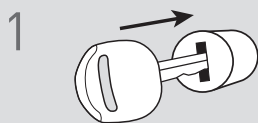
CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

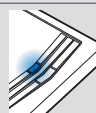**2** Ready for Module Programming Procedure.

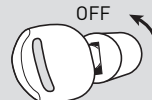## MODULE PROGRAMMING PROCEDURE

1 Insert key into ignition.

2 Turn key to ON position.

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

4 Turn key to OFF position.

5 Module Programming Procedure completed.