FTI-HDK1: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
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Make	Model	Year	Install	CAN	Lights	Locks	Brake	I/O Changes
DL-HA2 Honda	Civic Hybrid STD Key AT	2006-11	Type 1	N/A	**Park / Auto** gray/org	DATA	lt.green	**Green White/Blue** N/A

This installation requires **BLADE-AL(DL)-HA2** firmware, flash module and update the controller firmware, before beginning the installation.

Lights: Parking light & Light off connections are located at the headlight switch connectors. Additional wiring from the CM I/O connector is required, providing a negative parking light wire, and a status wire to provide lighting and light off control. You are required to select the appropriate POCs and configuration accordingly.

Parking Light: *Gray* (pin #8, 12-pin connector) at headlight switch harness.
Light Off: *Orange* (pin #10, 12-pin connector) at headlight switch harness.

Brake: Brake status is not provided over data, additional wiring is required to properly monitor brake status. The vehicle brake wire **(lt.green)** is at the 2-pin brake switch connector, located at the top of the brake pedal assembly.

Door Locks: Door locks are covered via data, no additional connections required.
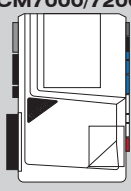
FTI-HDK1: Installation and Configuration Notes

A   CUT REQUIRED

B   NOT REQUIRED

C   REQUIRED CONNECTION
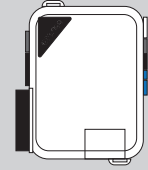
D   REQUIRED CONNECTIONS

E   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**

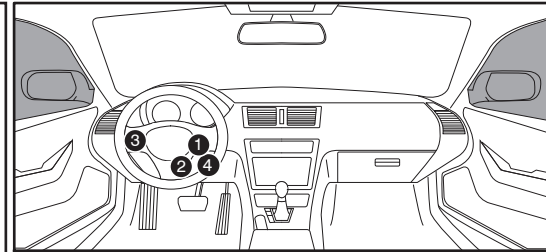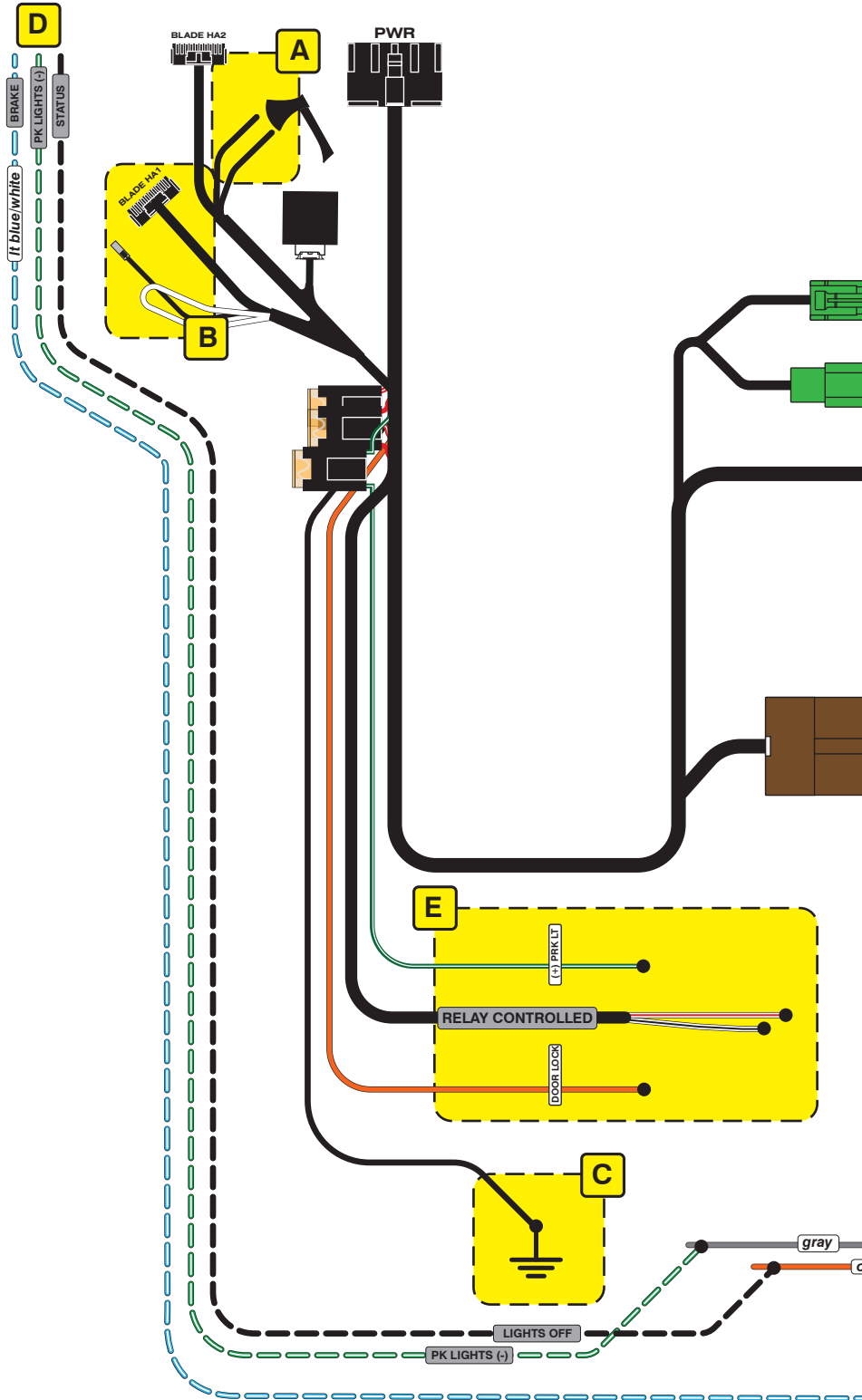**CM-900S/900AS**

CM900AS/900S Jumper
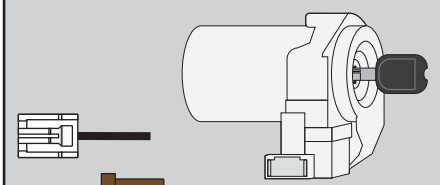
START   ACC   IGN1

FEATURE COVERAGE

IMMOBILIZER DATA	A/M CONTROL	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE	DOOR STATUS	TRUNK STATUS	AUTOLIGHT CTRL	BRAKE STATUS	HOOD STATUS	PARKING LIGHTS
●	●	●	●	●	●	●	●	●	●	●	●	●

D

BRAKE

PK LIGHTS (-)

STATUS

lt blue/white

BLADE HA2

A

PWR

BLADE HA1

B

E

(+) PRK LT

RELAY CONTROLLED

DOOR LOCK

C

gray

orange

LIGHTS OFF

PK LIGHTS (-)

Immobilizer/Key Cylinder ①

Ignition Switch Harness ②

Headlight Switch Connector ③

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

Brake Switch ④

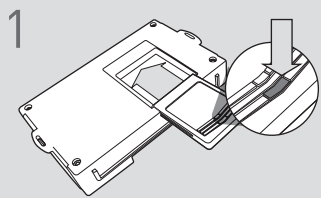| 1	2

lt. green
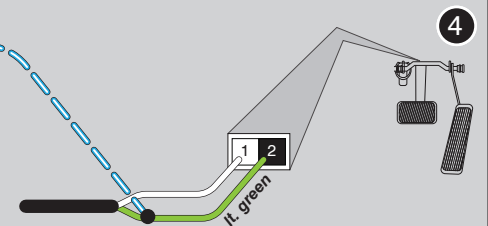
M/T Applications
Clutch Bypass Wiring

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 :)

BLADE SERIES

Patent No. US 8,856,780 CA 2759622

BLADE-AL(DL)-HA2-EN   Doc. No.: ##46762##   20171227
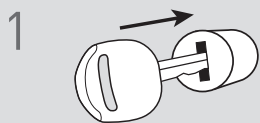
CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.
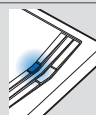
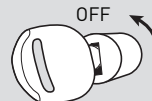## MODULE PROGRAMMING PROCEDURE

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.

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