Make	Model	Year	Install	Locks	Lights	IGN	POC	I/O Changes
DL-HA1 Acura	TSX STD Key	2004-08	Type 5	DATA	**Park / Auto** Red/Blk	Type 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 to the vehicle at pin #31 of the white 45-pin connector, located at the front of fuse box, as illustrated.

3X Lock Remote Start Control: The HDK1 harness includes a relay to provide 3X lock control of the remote starter. The black wire labeled [STATUS] provides control of the harness relay connected to the white/red & white/black wires, which are used to interrupt the vehicle yellow keyless ignition wire during remote start. Select any POC in the CM 7/9 I/O connector, remove the original pin and replace it with the harness [STATUS] wire, set POC to STATUS (5) in the POC options.

Door Locks:
Door locks are covered via data, no additional connections required. Connect harness *orange* wire to *brown*/*red* (pin #4, green 21-pin connector) front of fuse box, as illustrated.

FTI-HDK1 - Installation and Configuration Notes

A CUT REQUIRED

B NOT REQUIRED

C REQUIRED CONNECTION

D REQUIRED CONNECTION FOR 3X LOCK START

E REQUIRED CONNECTION FOR 3X LOCK START

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

Jumper Setting

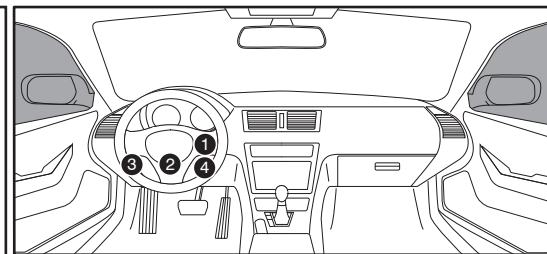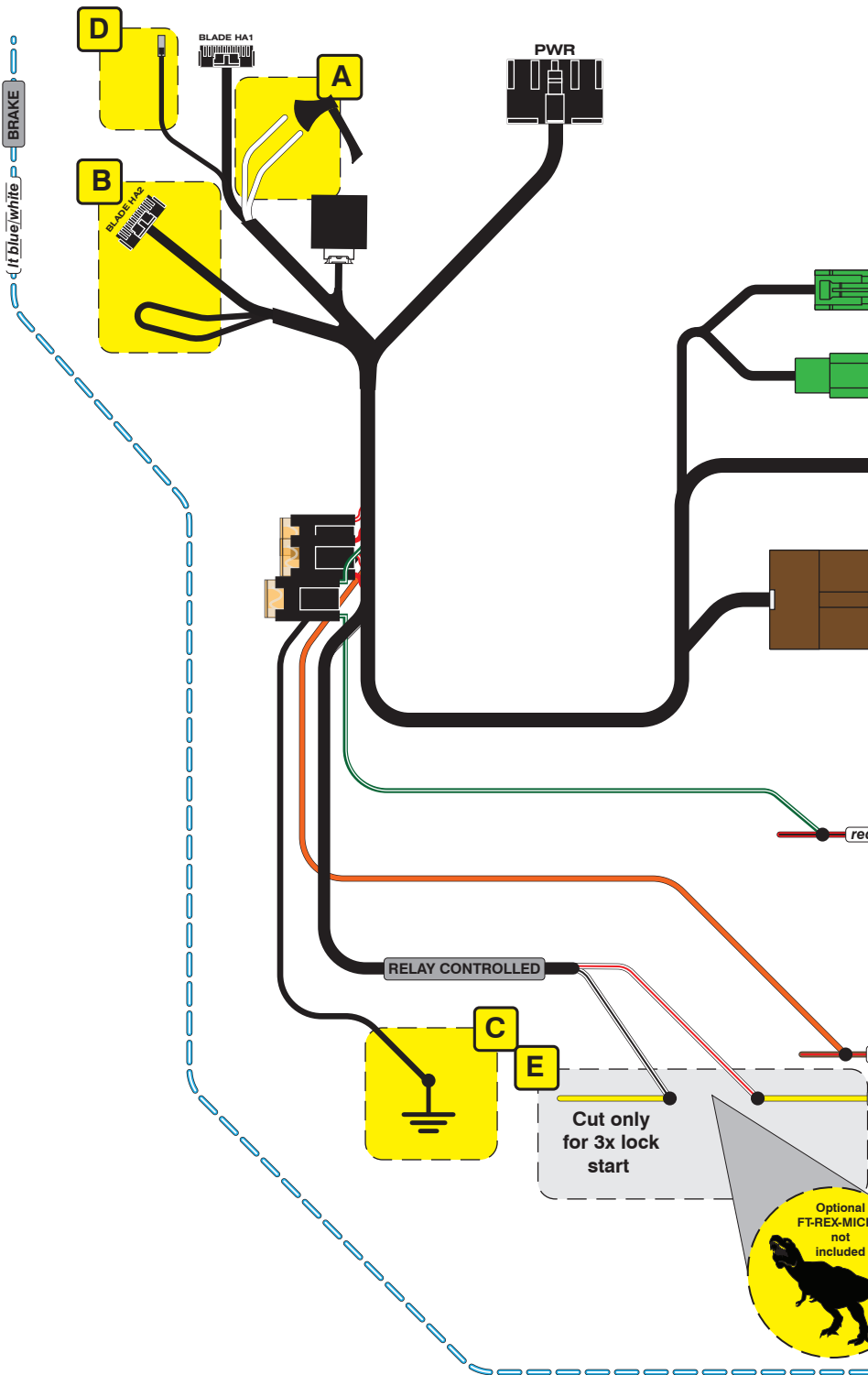Parking Light / (+)Door Trigger In
Accessory / (–)Door Trigger In [Default]
Ignition [Default]

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	DOOR STATUS	TRUNK STATUS	HOOD STATUS	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	A/M CONTROL	AUTOLIGHT CTRL	PARKING LIGHTS
◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉	◉		◉

D BLADE HA1

A

B BLADE HA2

PWR

BRAKE

(lt blue/white)

C

E

RELAY CONTROLLED

Cut only for 3x lock start

Optional FT-REX-MICRO not included

red/black

brown/red or brown/black

yellow

Immobilizer/Key Cylinder ❶
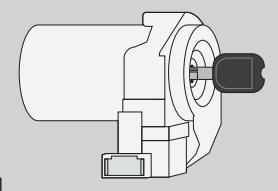
Ignition Switch Harness ❷

Fuse Box ❸

45	44	43		38	37
42	41	40	39	36	35	34

33	32	31	30	29	28		22
27	26		25	24	23		21
							20

19	18	17	16	15		14	13
12	11	10	9	8	7
6	5		4	3	2	1

| 21 | 20 | 19 | 18 | 17 | 16 | 15 | | 13 | 12 | 11 | 10 |
| 9 | 8 | 7 | 6 | 5 | | 4 | 3 | 2 | 1 |

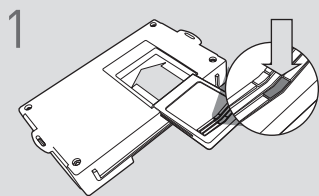## Brake Switch ❹

white/black
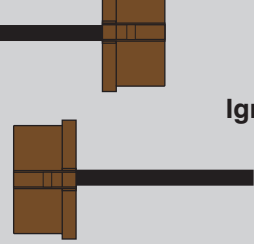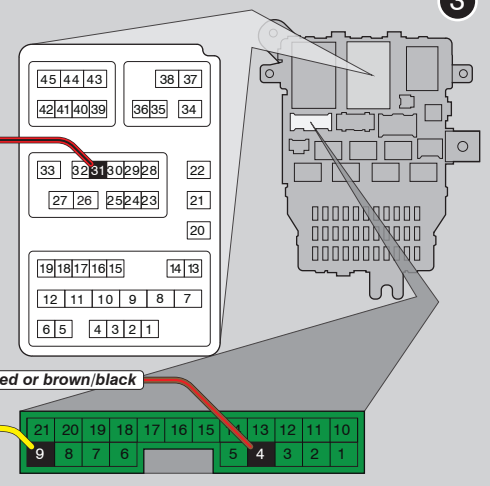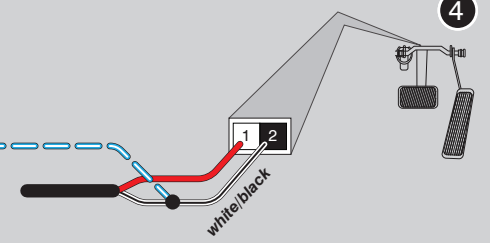
LED Programming Error Codes

Module LED flashing RED during programming

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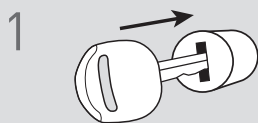3x - Generic error, come on... it's a T-harness :)

CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

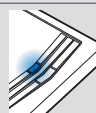**2** Ready for Module Programming Procedure.

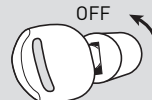## MODULE PROGRAMMING PROCEDURE

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.