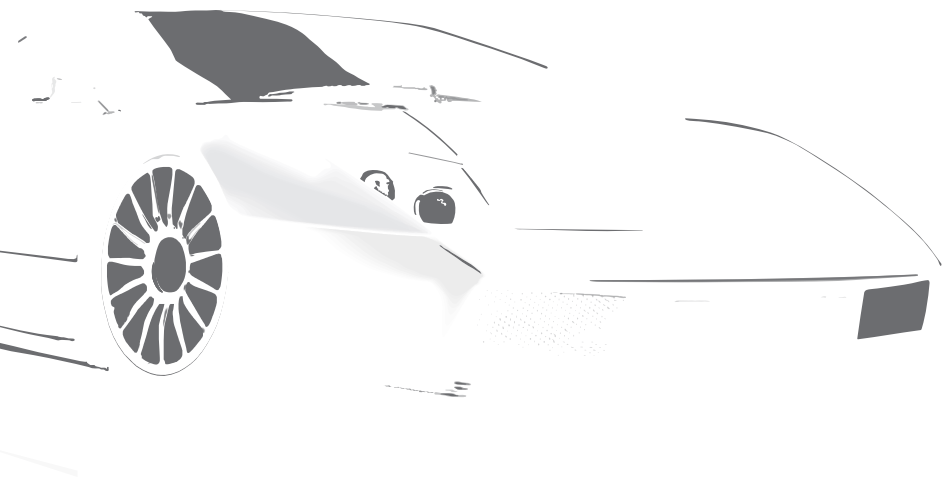


# XPRESSKIT™

DIGITAL OEM INTEGRATION



**optimaX**  
SERIES

## INSTALLATION GUIDE

**CHALL**  
REMOTE CAR STARTERS  
AND ALARM INTERFACE

REQUIRED FIRMWARE VERSION 2.0

Rev: 20100322



**Update Alert:** Firmware updates are posted to the web on a regular basis. We recommend you check for firmware and/or install guide updates prior to installing this product.

**Directed**  
ELECTRONICS, INC.

[www.xpresskit.com](http://www.xpresskit.com)

© 2010 Directed Electronics. All rights reserved.

### VEHICLE FIT GUIDE

VEHICLE FUNCTIONALITY (IF EQUIPPED)  
LES FONCTIONS S'APPLIQUENT SI LE VÉHICULE EN EST ÉQUIPÉ

	YEARS   ANNÉES						Lock Verrouille	Unlock D/verrouille	Arm Arme	Disarm Désarme	Trunk/Hatch Valise/Hayon	Sliding door* Porte coulissante*	Door Trigger Contact porte	Trunk/Hatch Trigger Contact Valise/Hayon	Foot Brake Frein à pied	Hand Brake Frein à main	Tachometer Tachymètre	Immobilizer Bypass Contourne Immobil.	RAP Disable ActiverAP	Start Data
	2004	2005	2006	2007	2008	2009														
<b>CHRYSLER</b>																				
300-300c		2	2	2			•	•	•	•		•	•	•	•	•	•	•	•	
					2		•	•	•	•				•	•	•	•	•	•	
Aspen				2	2		•	•	•	•		•	•	•	•	•	•	•	•	
Crossfire				2			•	•	•	•				•	•	•	•	•	•	
Sebring				2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Town and Country				1	1	1	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>DODGE</b>																				
Avenger				2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Caliber				2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Challenger				1	1	1	•	•	•	•		•	•	•	•	•	•	•	•	
Charger			2	2			•	•	•	•		•	•	•	•	•	•	•	•	
				1	1	1	•	•	•	•		•	•	•	•	•	•	•	•	
Dakota	2	2	2	2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Durango	2	2	2	2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Grand Caravan				1	1	1	•	•	•	•	•	•	•	•	•	•	•	•	•	
Journey				1	1	1	•	•	•	•		•	•	•	•	•	•	•	•	
Magnum	2	2	2	2			•	•	•	•		•	•	•	•	•	•	•	•	
Nitro				2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
RAM			2	2	2		•	•	•	•		•	•	•	•	•	•	•	•	
				1	1		•	•	•	•		•	•	•	•	•	•	•	•	
<b>JEEP</b>																				
Commander		2	2				•	•	•	•		•	•	•	•	•	•	•	•	
				1	1	1	•	•	•	•		•	•	•	•	•	•	•	•	
Compass			2	2	2		•	•	•	•		•	•	•	•	•	•	•	•	
Grand Cherokee	2	2	2				•	•	•	•		•	•	•	•	•	•	•	•	
				1	1	1	•	•	•	•		•	•	•	•	•	•	•	•	
Liberty				2	2	2	•	•	•	•		•	•	•	•	•	•	•	•	
Patriot		2	2	2	2		•	•	•	•		•	•	•	•	•	•	•	•	
Wrangler		2	2	2	2		•	•	•	•		•	•	•	•	•	•	•	•	
<b>VOLKSWAGEN</b>																				
Routan				1	1		•	•	•	•	•	•	•	•	•	•	•	•	•	

1 : Use T-harness CHTH1 included

1 : Utilisez le Harnais en T CHTH1 inclus

2 : Use T-harness CHTH2 sold separately

2 : Utilisez le Harnais en T CHTH2 vendu séparément

\*Sliding Door in D2D mode only \*Porte coulissante en mode D2D seulement

1 CHTH1  
OR | OU  
CHTH2



See vehicle Fit Guide. (above)

**T-HARNESS:**

Determine the T-harness required for the vehicle,

- 1) CHTH1 (included)
- 2) CHTH2 (not included)

**HARNAIS EN T**

Voir le guide des véhicules (au-dessus). Déterminez le type de harnais requis pour le véhicule,

- 1) CHTH1 (inclus)
- 2) CHTH2 (non inclus)

2 D2D  
OR | OU  
NO D2D



Determine the type remote starter or alarm for the installation :

**Installation with D2D**

1-way or 2-way  
with CHTH1 see page 3  
with CHTH2 see page 5

**Installation with out D2D**

with CHTH1 see page 4  
with CHTH2 see page 6

Déterminez le type de démarreur à distance ou alarme pour l'installation :

**Installation avec D2D**

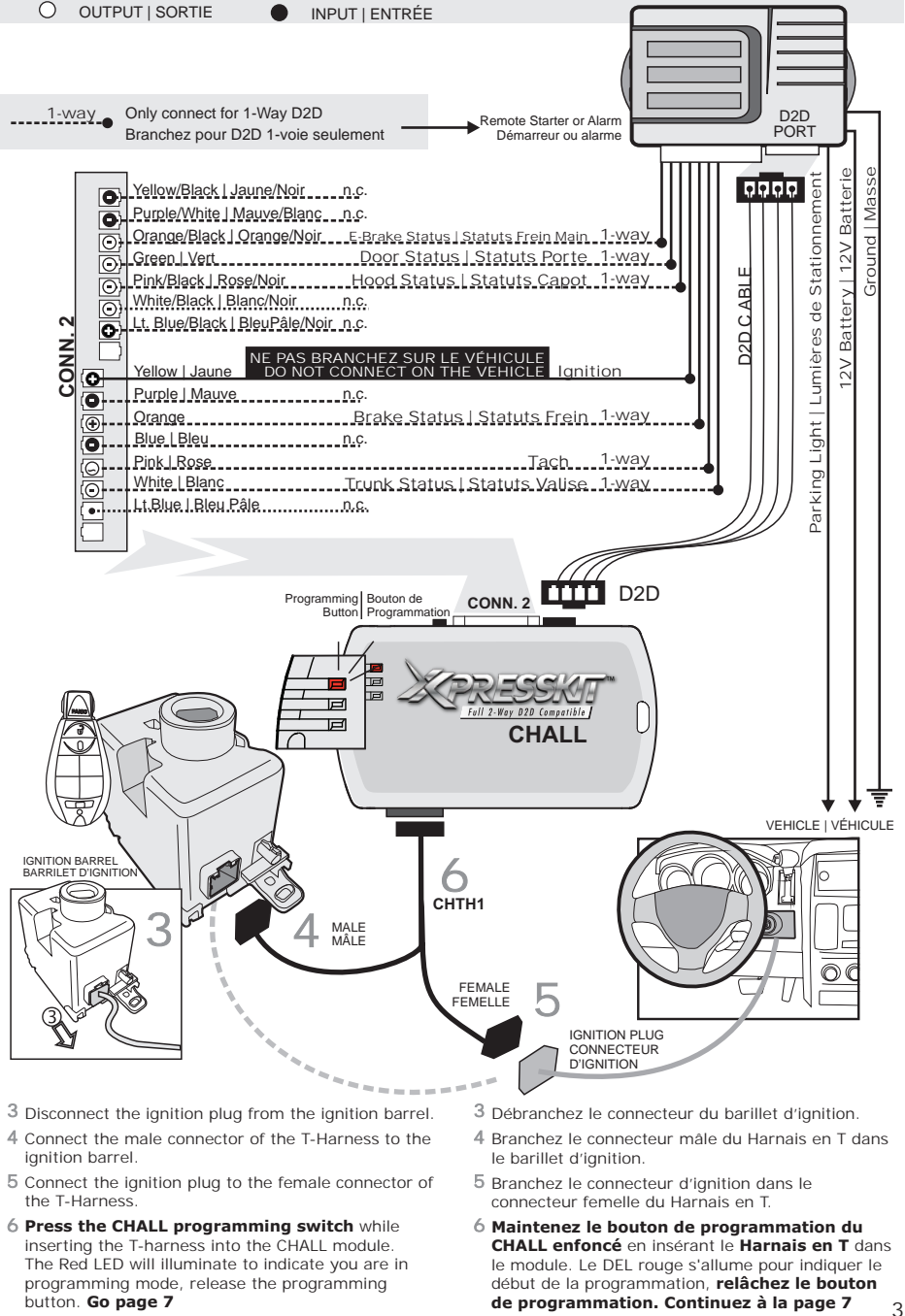
1voie ou 2 voies  
avec CHTH1 voir page 3  
avec CHTH2 voir page 5

**Installation sans D2D**

avec CHTH1 voir page 4  
avec CHTH2 voir page 6

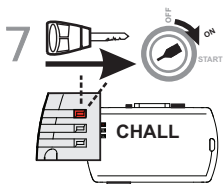
### CHTH1 WITH D2D AVEC D2D

○ OUTPUT | SORTIE      ● INPUT | ENTRÉE



## PROGRAMMING | PROGRAMMATION

**CAUTION** the module can only be programmed a maximum of 5 times on a vehicle.  
**ATTENTION** le module peut être programmé 5 fois maximum sur un véhicule.



Turn the key to the **"ON"** position.

Tournez la clef en position **ON**.

The Red LED will start to flash rapidly

La DEL rouge clignotera rapidement

7b



**Vehicles equipped with OEM alarm:**

Press the **unlock button** on the remote car starter **remote control**.

or  
Put the Purple/White wire to ground with a jumper for 1 one second.

**Véhicules équipés de l'alarme d'origine:**

Appuyez sur le bouton **Déverrouillage** de la télécommande du démarreur à distance.

ou  
Mettez le fil Mauve/Blanc à la masse à l'aide d'un fil jumper pour 1 seconde.

7c



**Vehicles equipped with (+) starter at Ignition:**

*Note: Ensure that the Lt Blue/Black wire from the module is connected to the vehicles starter wire.*

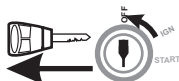
Start the vehicle with the key.  
The LED on the CHALL module will start to flash twice as fast.

**Véhicules équipés d'un (+) starter à l'ignition:**

*Note: Assurez-vous que le fil Bleu pâle/Noir du module est branché sur le fil starter du véhicule.*

Démarrez le véhicule avec la clé.  
La DEL sur le module CHALL commence à clignoter 2 fois plus rapidement.

8



Turn the key to the **"OFF"** position and remove the key.

Tournez la clé en **position OFF** et retirez la clé.

9



The Red LED will continue to flash until you **press the lock button on the OEM remote**.

If the vehicle is not equipped with the OEM remote: press and release the programming button of the CHALL module once.

The LED will turn off to indicate the module has been programmed.

**The module is now ready for use.**

Le DEL rouge clignotera jusqu'à ce que vous **pressiez le bouton Verrouillage (Lock)** de la télécommande d'origine du véhicule.

Si le véhicule n'est pas équipé de la télécommande d'origine: appuyez sur le bouton de programmation du module CHALL.

Le DEL s'éteint pour indiquer que le module est programmé.

**Le module est prêt à l'usage**

### TECHNICAL SUPPORT / INFORMATION

**XPRESSKIT**

**web resources:**

[www.xpresskit.com](http://www.xpresskit.com)

[www.xpressvip.com](http://www.xpressvip.com)

[www.directechs.com](http://www.directechs.com)



**LIMITED ONE-YEAR CONSUMER WARRANTY**

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. ("DIRECTED") promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the "Part"), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer's name, address, telephone number, the authorized licensed dealer's name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR AT DIRECTED'S OPTION THE PART AS DESCRIBED ABOVE.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights and you may also have other rights that vary from State to State. DIRECTED does not and has not authorized any person or entity to create for it any other obligation, promise, duty or obligation in connection with this Part.920-0007 07-06

This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. **DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.:Under no circumstances shall the manufacturer and distributors of this product be liable for consequential damages sustained in connection with this product and neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.