2 to 5 turns of loop is

required

Clé/key

## PROGRAMMATION : DATA portion

One the connections are done

Connect the connectors 2 and 3, following with connector 1. Turn the key ON, wait a few secondes, the horn or key buzzer will be heard 3 times. Turn the key OFF. The DATA portion of the module is now ready to work.

## **PROGRAMMATION : TRANSPONDER portion**

The programming procedure of Transponder required 2 fonctional keys. Keep the keys separate from one another while performing the programming. Each step must be completed within the indicated delay, otherwise the CHRDAA will not program properly.

1- Insert the first functional vehicle key into the ignition cylinder and turn ignition to the ON position. Maintain ignition in the ON position for 8 to 10 seconds.

2- Turn the key to the OFF position and remove the first key.

3- Within 10 seconds of turning ignition to the OFF position, insert the second functional key and turn ignition to the ON position. Maintain ignition in the ON position for 8 to 10 seconds.

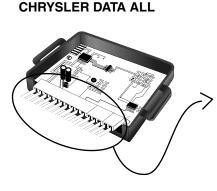
4- Depending on the vehicle model, the vehicle security light will begin to flash or an audible tone will sound to indicate you have accessed the vehicle programming mode. 5- Turn the key to the OFF position and remove the second key.

6- Within 30 seconds of turning the key OFF position, place the Transponder of CHRDAA module (show on the label) close and toward the front of ignition barrel, with the help of a jumper

power up **12Volts to the vehicle ignition**. Approximately 8 to 10 seconds afterwards the security light will stop flashing indicating the CHRDAA has successfully been programmed. Disconnect 12V from ignition jumper. Note: you can also temporarily replace the internal circuitry of one of the vehicle Key-remote by the CHRDAA for programming than you will not have to jump 12V ignition.

7- Remotely start the vehicle. The engine will run if the programming procedure was successfully completed. If the programming procedure was unsuccessfully completed, the engine will not run and the vehicle security light flash. In such a case repeat the above procedure beginning with step 1.

\*\* NOTE : Do not attempt to remotely start the vehicle more than 4 consecutive times with a non functional CHRDAA module.



Note: Neither the manufacturer or distributor of this module is considered to be responsible of damages of any kind indirectly or directly caused by this module, except for the replacement of this module in case of manufacturing defects.

0	L		Note: You can program the tr	ansponder only
conn			_	
<u>е</u>	WHITE	(-) Output connect todriver door pin	(see note1)	
conn 2	PINK/BLACK	Output analog 3 (see Note 2)		
	PINK	Output analog 2 (see Note 2)		PIN
conn 1	GREEN	N.C.		
	BLUE	<ul><li>(-) Input GndOut of remote starter</li></ul>	•	
	ORANGE/BLACK	Output DATA		
	ORANGE	(-) Input disarm and unlock		Bemote
	PURPLE/WHITE	(-) Input arm and lock		
	PURPLE	(-) Input trunk		Starter
	YELLOW/BLACK	(-) Input driver sliding door		
	YELLOW	(-) Input passenger sliding door		
	RED	(+) 12V Battery		$\neg$
	BLACK	(-) Ground		
	i			
			<b> ∃ 1 2</b>	3 4 5 6 7 8
	Note 1 : LIBERT	Y ONLY		

Note 1 : LIBERTY ONLY To control factory ALARM, connect White wire to door pin (Tan) and connect both Analog 2 and 3 (Pink/Black and Pink) to vehicle.

Diagnostic plug View from the front Located below dash

9 10 11 12 13 14 15 16

defects.													Note	e 2 :
									Fonctio	ons			PINK/BLACK	PINK
Vehicle			١	Yea	r			Transponder Bypass	Door-lock control	Trunk open control	Fartory alarm control	Sliding door control	Factory Alarm	Door Lock Withou Factory Alarm
	98	-	00	-	-	03	04						Analog 3	Analog 2
Cherokee		•	•	•				✓	V		✓		None	None
Grand Cherokee		•	•	•	٠	٠	٠	<b>v</b>	V		<b>v</b>		None	None
Wrangler ( Tj )		•	•	•	٠	٠	•	<b>v</b>	$\checkmark$		$\checkmark$		None	None
	98	99	00	01	02	03	04						SEE NOTE I	SEE NOTE I
Liberty					٠	٠	•	✓	$\checkmark$	V	$\checkmark$		Lt. Green/Orange	Pink/Violet
	98	99	00	01	02	03	04							
Dakota					٠	•	٠	<b>v</b>	V		V		Lt. Green/Orange	White/Green
Durango			•	•	•	٠		<b>v</b>	<b>v</b>		V		Lt. Green/Orange	
	98	99	00	01	02	03	04							
300m					٠	•	•	~	~	V V	V		Lt. Green/Orange	White/Green
Concorde					•	•	•	<b>v</b>	<b>v</b>	V	V		Lt. Green/Orange	White/Green
LHS					•	•	•	<b>v</b>	V	V	V		Lt. Green/Orange	White/Green
Intrepid					٠	٠	٠	<b>v</b>	<b>v</b>	V	<b>v</b>		Lt. Green/Orange	White/Green
RAM						٠		<b>v</b>	V		V		Lt. Green/Orange	White/Green
RAM 2004							•	<b>v</b>	<b>v</b>		V		Violet / Lt. Blue	Violet / Green
									-					
PT Cruiser					•	•	•	V	<b>v</b>	V	V		White/Green	White/Green
Neon					٠	٠	•	V	V	V	V		White/Green	White/Green
	98	99	00	01	02	03	04						,	
Sebring					٠	•	•	~	<b>v</b>	· ·	V		Lt. Green/Orange	White/Green
Stratus					•	•	٠	V	V	V			Lt. Green/Orange	White/Green
	98	99	00	01	02	03	04				•			
Town & Country	-			•	•	•		~	~	V V	V	×	Violet/Blue	Violet/Green
Caravan				•	•	•		V	V	× V	 	V	Violet/Blue	Violet/Green
	98	99	00	01	02	03	04	,	•				4 = 1 = =	
		1.		+										

VERSION : 7.0a REVISION : 10 Jan. 2005 MADE IN CANADA 
 Manufactured under US patent No.:

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