

# Technical Service Bulletin

**NUMBER:** 08-007-02

**GROUP:** Electrical

**DATE:** Mar. 25, 2002

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## **SUBJECT:**

Remote Keyless Entry (RKE) Programming Procedures

## **MODELS:**

1999 - 2002	(AB)	Ram Van/Wagon
1999 - 2002	(AN)	Dakota
1999 - 2002	(BR/BE)	Ram Pickup
1999 - 2002	(DN)	Durango
2002	(DR)	Ram Pickup
2001 - 2002	(JR)	Sebring Sedan/Stratus Sedan/Sebring Convertible
2002	(KJ)	Liberty
1999 - 2002	(LH)	Concorde/Inytrepid/LHS/300M
1999 - 2000	(NS)	Town & Country/Caravan/Voyager
1999 - 2002	(PL)	Neon
1999 - 2002	(PR)	Prowler
2001 - 2002	(PT)	PT Cruiser
2001 - 2002	(RS)	Town & Country/Caravan/Voyager
1999 - 2002	(WJ)	Grand Cherokee
1999 - 2001	(XJ)	Cherokee

## **DISCUSSION:**

A Remote Keyless Entry (RKE) Programming Procedures Card (Publication No. 81-170-00011) is being provided with this Technical Service Bulletin to simplify RKE transmitter programming on 1999 – 2002 North American vehicles.

Additional copies of the RKE publication, 81–170–00011 (Fig. 1), can be ordered from DDS Distribution Services, LTD. Their number is 1-800-890-4038.

**NOTE: THE RECENTLY RELEASED MILLER SPECIAL TOOL, "RF DETECTOR NO. 9001", SHOULD BE USED TO DETERMINE IF THE TRANSMITTER IS WORKING BEFORE BEGINNING PROGRAMMING PROCEDURES. THE RF DETECTOR INDICATES IF THE TRANSMITTER IS WORKING, NOT IF IT IS PROGRAMMED TO A VEHICLE.**

DaimlerChrysler North American Remote Keyless Entry Programming Procedures

Letter Indicates Programming Method

Vehicle Name	Current Platform	1999 Programming Method	2000 Programming Method	2001 Programming Method	2002 Programming Method
SEBRING STRATUS	JR	-	-	A or C	A or C
CONCORDE INTREPID LHS 300M	LH	B or C	B or C	A or C	A or C
CARAVAN VOYAGER T & C	NS	A or C	A or C	-	-
CARAVAN VOYAGER T & C	RS	-	-	A or C (3BTN) & (6BTN)	A or C (3BTN) & (6BTN)
NEON	PL	B or C	B or C	B or C	B or C
PROWLER	PR	A or C	A or C	A or C	A or C
PT CRUISER	PT	-	B or C	B or C	B or C
RAM VAN	AB	C or D	C or D	C or D	C or D
DURANGO & DAKOTA	AN / DN	B or C	B or C	A or C	A or C
RAM TRUCK	BR / BE	B or C	B or C	B or C	B or C
RAM TRUCK 1500	DR	-	-	-	A or C
JEEP LIBERTY	KJ	-	-	-	A or C
GRAND CHEROKEE	WJ	(BL) & (GRY) <sup>C</sup>	(BL) & (GRY) <sup>C</sup>	(BL) & (GRY) <sup>C</sup>	(BL) & (GRY) <sup>C</sup>
JEEP CHEROKEE	XJ	C	C	C	-

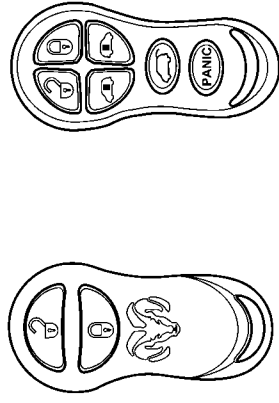
**DO** reprogram all of the vehicle's transmitters at the same time !!

**NOTE:** If equipped with VTSS, the system must be disarmed and/or unlocked to enter program mode.

**DO NOT** reprogram:  
 - If replacing the transmitter battery  
 - If any of the transmitter buttons work  
 - For reduced range performance

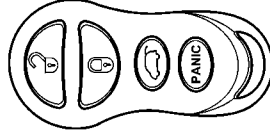
**WARNING:** Simultaneous programming should be avoided as any transmitter functioned within 30 meters (100 FT.) can get programmed and may result in cross-vehicle programming.

**Note:** Refer to DaimlerChrysler MDS2 System or Parts Department to obtain the correct part number and revision for specified vehicle.

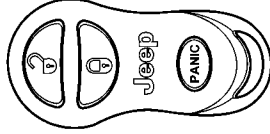


RS  
04686797AB

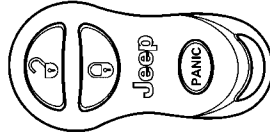
AB  
56045191AD  
W / WO  
RAMS HEAD



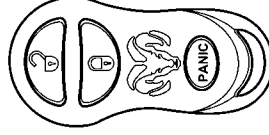
JR, LH, KJ  
04602260AA



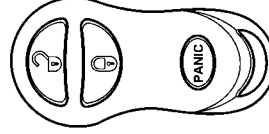
WJ, XJ (BLK)  
56036859AD



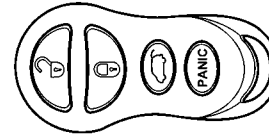
WJ (GRY)  
56036860AD



AN, DN, BR, BE  
56045497AC  
W / WO  
RAMS HEAD  
(99-00 only)



DR, NS, RS  
AN, DN  
04686481AC  
PT  
04671641AD  
W/WO  
PENTASTAR



PL  
04759008AE  
LH  
04602268AC  
(PRE 01 ONLY)

Fig. 1 RKE Programming Procedure

## **DaimlerChrysler North American Remote Keyless Entry Programming Procedures**

**NOTE: PLEASE READ INSTRUCTIONS FULLY BEFORE ATTEMPTING TO PROGRAM TRANSMITTERS.**

### **Program Method A (Customer Program Method)**

1. Press (LOCK) button 5 times at 2 second intervals to resynchronize transmitter. Attempt to function transmitter, if working as designed discontinue programming.
2. Turn ignition to run position. (Allow ignition chimes to stop).
3. Using any original (working) transmitter, press the [UNLOCK] button for 4 to 10 seconds.
4. Within the specified 4 to 10 seconds, continue pressing the [UNLOCK] button and press the [PANIC] button for 1 second and release both buttons (AN/DN release either button first). A chime will sound to indicate that the transmitter programming mode has been entered (allow 3 seconds for chime to sound).
5. Press [LOCK] and [UNLOCK] buttons simultaneously for 1 second and release (a short chime will sound for AN/DN).
6. Press and release any button on the same transmitter and a chime will sound after successfully programming the transmitter (locks will cycle for AN/DN).

**NOTE: (FOR DR ONLY ) A CHIME WILL NOT SOUND ON STEP #6 FOR THE FIRST TRANSMITTER PROGRAMMED, BUT WILL SOUND UPON PROGRAMMING THE SECOND TRANSMITTER.**

7. Repeat steps 5 through 6 to program additional transmitters.
8. Turn ignition to OFF position. Transmitter programming mode will discontinue after 60 seconds (30 seconds for AN/DN and RS). (All transmitter programming must be completed within time specified).

### **Program Method B (Customer Program Method)**

1. Press [LOCK] button 5 times at 2 second intervals to resynchronize transmitter. Attempt to function transmitter, if working as designed discontinue programming.
2. Turn ignition to the run position (Allow ignition chimes to stop).
3. Using original transmitter, press and hold the [UNLOCK] button on the transmitter for between 4 and 10 seconds.
4. Continue to hold the [UNLOCK] button and press the [PANIC] button. A chime will sound to indicate that the transmitter programming mode has been entered (Allow 3 seconds for chime to sound).
5. Press a button on all transmitters to be programmed into the system including any previously programmed transmitters; a chime will sound when each transmitter has been programmed.
6. Turn the ignition to OFF position to exit the transmitter programming mode.

### **Program Method C (Dealer Program Method) \*Can be used for any type transmitter.**

1. Press [LOCK] button 5 times at 2 second intervals to resynchronize transmitter. Attempt to function transmitter, if working as designed discontinue programming.
2. Turn ignition to the run position (Allow ignition chimes to stop).
3. Plug DRBIII to vehicle's 16-way data link connector.
4. Follow Service Manual and DRBIII instructions to program transmitters.

**Program Method D (For use with AB vehicles not equipped with VTSS only)**

1. Locate the dark green program enable wire connected to pin #1 of the 16-way data link connector under the left side of the instrument panel.
2. Connect the program enable wire terminal to a good ground.
3. Insert the key into the ignition and turn the ignition switch to the ON position. The power locks will cycle (Lock and Unlock) indicating that program mode has been entered.
4. Using the transmitter to be programmed, press either [LOCK] or [UNLOCK]. The power locks will cycle indicating the transmitter has been programmed successfully.
5. Repeat step 4 to program additional transmitter.
6. Disconnect the program enable wire from ground to exit program mode.
7. Turn the ignition to the OFF position and remove the key.

**NOTE: REFER TO DAIMLERCHRYSLER MDS2 SYSTEM OR PARTS DEPARTMENT TO OBTAIN THE CORRECT PART NUMBER AND REVISION FOR SPECIFIED VEHICLE.**

***POLICY:***

Information Only