



# SKIM Initialization Instructions

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## MODELS :

2001 - 2004 (AN) Dakota  
2004 - 2005 (CS) Pacifica  
2001 - 2003 (DN) Durango  
2002 - 2005 (DR) Ram Truck  
2004 - 2005 (HB) Durango  
1999 - 2000 (JA) Breeze/Cirrus/Stratus  
2001 - 2005 (JR) Sebring Convertible/Sebring Sedan/Stratus Sedan  
1998 - 2000 (JX) Sebring Convertible  
2002 - 2005 (KJ) Liberty  
1999 - 2004 (LH) 300M/Concorde/Intrepid/LHS  
2005 (LX) 300/Magnum  
2005 (ND) Dakota  
2000 - 2005 (PL) Neon/SX 2.0  
2001 - 2005 (PT) Chrysler PT Cruiser/Chrysler PT Cruiser Convertible  
2001 - 2005 (RS) Town & Country/Caravan/Voyager  
2001 - 2005 (ST) Sebring Coupe/Stratus Coupe  
1998 - 2005 (TJ) Wrangler  
2004 - 2005 (VA) Sprinter  
1999 - 2004 (WJ) Grand Cherokee  
2005 (WK) Grand Cherokee  
1999 - 2001 (XJ) Cherokee  
2005 (ZB) Viper  
2004 - 2004 (ZH) Crossfire Coupe/Crossfire Roadster

**NOTE: The model years and vehicles above must be equipped (optional) with Sentry Key Theft Deterrent System (SKIM) (sales code GXX) for this bulletin to apply.**



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**THIS PROCEDURE APPLIES TO ALL LISTED VEHICLES EXCEPT SEBRING COUPE/STRATUS COUPE (ST), CROSSFIRE, AND SPRINTER.**

When a Powertrain Control Module (PCM) is replaced on vehicles equipped with the Sentry Key Theft Deterrent System (SKIM), it must be initialized to properly function with the anti-theft module. This is accomplished at a Chrysler Group Dealer by using the DRBIII or StarSCAN Scan Tool to enter a PIN number.

When the PIN number is not available from the vehicle owner this can be accomplished by writing the Vehicle Identification Number (VIN) into the PCM using the "VIN Write Function".

**NOTE: After performing this procedure on vehicles equipped with Chrysler Group's Next Generation Controller (NGC), Diagnostic Trouble Code (DTC) "P0633 - SKIM SECRET KEY DATA NOT STORED IN PCM" will be set. This DTC will not affect vehicle or system performance and cannot be erased.**

## **SEBRING COUPE/STRATUS COUPE(ST)**

Initializing the PCM on these vehicles requires the use of a Daimler Chrysler scan tool (DRBIII), J1962 MMC Cable, and ST22 PCMCIA Diagnostic Card. This equipment is available for lease from DaimlerChrysler for short periods of time. To lease the DRBIII call 1-800-801-5420. A credit card deposit will be required.

The DRBIII will be shipped within 24 hours to your location by an overnight delivery service. When the DRBIII is returned, your credit card will be charged the lease price.

## **PCM INITIALIZATION PROCEDURE CROSSFIRE/SPRINTER:**

1. Before replacing the PCM, with the ignition switch in the "RUN" position, determine the part number of the PCM software. Connect the CH9043 MUX Cable, and the DRBIII (with the CH9044 Crossfire Software card or CH 9087 Sprinter Software card plugged into it); to the vehicle. Using the DRBIII select:
  - a. "DRBIII Standalone"
  - b. "1998-2005 Diagnostics"
  - c. Make the appropriate selection: "2004-2005 Crossfire" or "2003-2004 Sprinter"
  - d. "System Select"
  - e. "Engine"
  - f. Record the ten(10) character "P/N" on the repair order for later reference.
2. Open TechAUTHORITY. TechAUTHORITY is available on the internet, [www.techauthority.com](http://www.techauthority.com)
3. At the "Home" page, open the "Powertrain Control Module Initialization" link.



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4. Open the "Coding String Calculator for Sprinter & Crossfire Vehicles" link.
5. Open the "Select Module" pull down menu and select "PCM".
6. Select the appropriate "Transmission Type" button(Manual or Automatic).
7. Carefully enter the 17 character VIN.
8. Carefully enter the PCM software p/n recorded on the repair order in Step 1.
9. Select the "Calculate" button at the bottom of the window.

**NOTE: TechAUTHORITY will automatically populate the "Coding String", "SCN", and "CheckSum" information.**

10. Print the information from the technician's PC.
11. Using the DRBIII select:
  - a. "1.DRBIII Standalone"
  - b. "1.1998-2005 Diagnostics"
  - c. Make the appropriate selection: "5.2004-2005 Crossfire" or "6.2003-2004 Sprinter"
  - d. "1.System Select"
  - e. "1.Engine"
  - f. "9.Miscellaneous Functions"
  - g. "6.Read PCM Coding"
  - h. Verify that the PCM coding string on the DRBIII matches the coding string on the sheet printed from the technician's PC.

**NOTE: The SCN on the DRBIII may not match with the SCN Printed from the technician's PC. This is OK.**

12. Turn ignition switch to the "LOCK" position.

## **PCM INITIALIZATION PROCEDURE SEBRING COUPE/STRATUS COUPE(ST):**

1. Perform the "Registration Procedure" described in service bulletin 08-036-04. This service bulletin, including the password, is available on the internet at:  
[www.techauthority.com](http://www.techauthority.com) under the "Powertrain Control Module Initialization" link.