

CARMAN SCAN LITE

A Great Universal Scan Tool For Aftermarket Repair Shops!

Dealer Level Hyundai, Kia, and Asian with Euro Software

The Carman Scan Lite is an Aftermarket Scan tool designed to meet the Asian and European needs of Non-Specific Dealers at an OE level.

Here are a few examples:



Toyota Land Cruiser: Engine, A/T, ABS, airbag, cruise control, A/C, air suspension, body control.



Mitsubishi Lancer Evo: Engine, A/T, ABS, airbag, traction / active yaw control, immobilizer and anti- theft system.



Nissan Primera: Engine, A/T, CVT, ABS, airbag, EPS, HICAS, BCM, A/C, intelligent key, IVMS.

CARMAN SCAN LITE



The Carman Scan II has been improved and refined to create the Carman Scan Lite. Just as good as the Carman but on a more reliable platform. For value for money, you will be hard pushed to find better than the Carman Scan Lite. This little tool will give you access to systems such as engine, ABS, airbags, auto-boxes, traction and body control etc. Vehicle makes covered include (**Japanese**) Daihatsu, Honda, Isuzu, Lexus, Mazda, Mitsubishi, Nissan, Proton, Subaru, Suzuki, Toyota and (**Korean**) Daewoo, Hyundai, Kia and Ssangyong.

Communication protocols include ISO 9141-2, ISO 14230, SAEJ1850 (PWM and VPW), KWP2000, CAN-BUS, OBDII/EOBD.

*For more information please email: brad@aetools.us

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Newsletter Tip

To learn more about the products featured in our Newsletters just **click** on the picture of the items and it will direct you to an informational sheet on each product.

October Special!

Carman Scan Lite **30 DAYS ONLY!!! Sale Price \$2,500.00**

COMES WITH ASIAN & EURO SOFTWARE+

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- S/W Download CD
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- Carrying Case

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***Offer Expires October 31, 2009**

Monthly Tech Tips

Tips & Tricks to Make Your Day Go Smoother!

Tech Tip

Written By: Joey Hendrich

HOW TO CHANGE A VIN NUMBER ON A FORD & Mazda PCM:

1. Leave the key **OFF** on the vehicle during a new IDS session. Make sure to start out with a **NEW** session.
You don't want saved history!
2. The tool will eventually come up not identifying the PCM and it will want you check for a blank PCM. Tell it you want to do a blank PCM check.
3. IDS will come up to a screen you will have to enter the following info, **PCM part number**, **Tear tag info**, or the **Calibration ID number** your choice. This is obtained from the PCM label or by the old PCM under the vehicle info tab in IDS.
4. On the next screen enter the entire new VIN number and then turn the key on and finish thru the screens.

Procedure 2

1. On some vehicles like Mazda and some Fords you can go into module reprogramming and select PMI "Programmable Module Installation".
2. Leave the key off and it will fail out and then let you change the VIN and then enter ASBUILT DATA.
3. Go to www.Motorcraftservice.com.
4. Click on Quick Guides, and then Module ASBUILT data or Module Configuration.
5. Enter the Vin and Retrieve your ASBUILT Data.
6. Follow the on screen prompts and finish the ASBUILT Data entry.
7. Now if the car has Pats you will need to relearn the system.
8. If a used PCM or New PCM has been replaced you will have to use IDS and go to **Body>Security>Pats** menu.
9. If the car is a Mazda you will need an INCODE to get access to the pats system.
10. If it is a ford then just do the 10 min wait procedure.
11. Please make sure you do a perimeter reset first.
12. You must have 2 keys available or the programming will not complete.

Tech Tip

Written By: Joey Hendrich

HONDA CONTROL MODULE RECOVERY WHILE USING HDS CM UPDATE:

1. If while using the HDS control module update to flash reprogram a Honda PCM or TCM and something goes bad and you get errors, **Never shut the Ignition off.**
2. Make sure you have a 12 volt clean DC battery charger on the car to maintain battery voltage.
3. It is ok to unhook the GNA 600 or HIM unit from the vehicle and even reboot the PC to retry the procedure. Doing this allows the software to be reset and the GNA to be reset.
4. If the ignition switch is cycled off the flash memory will be deleted from the RAM of the PCM or TCM and the module will be **TOAST!**
5. The PCM or TCM stores recovery software in the RAM or live memory of the PCM/TCM so the main program can be updated. Keeping the key on saves this critical data.
6. After rebooting the computer and the GNA 600 or HIM go back into the CM update.
7. Try to reprogram the PCM or TCM as normal, the software will locate the critical restore data in the RAM and restore the PCM or TCM back to operational state.
8. If you have already cycled the ignition off and lost the data, open the HDS software and see if you can communicate with the PCM if not you will need a PCM.
9. You can use a New, Remanufactured or a Used PCM. In any case you will have to change the VIN and relearn the immobilizer.

HIGH TECH COMPUTERS FOR TODAY'S HIGH TECH VEHICLES



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Best regards,

Joey Hendrich
Owner

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