

If the Key was not turned into the on position Smarty will display this message:

Turn key OFF  
Press ►

Pressing the ► key, Smarty asks you to turn on the ignition key to retry the connection:

Turn key ON  
Press ►

When the connection has been established, if no DTC codes are present, the following screen appears:

No DTC stored  
Press ►

If one or more DTC's are stored, Smarty shows the number of DTC's present with the following screen:

8 DTC present  
Press ►

With the keys ◀ and ► all the present DTC codes can be displayed, one code at a time with the following screen:

DTC #1 – P0108  
MAP sensor volta

The first line of display shows the DTC "P" code. The second line shows the DTC code description. If the DTC code description is longer than the physical dimension of the display, the description will scroll across the screen.

### Clearing DTC codes

At the end of the DTC code list, Smarty can either clear all the stored DTC codes from the ECM memory or exit:

▲ Clear DTC  
▼ Exit

Press the ▲ key, to clear all the DTC codes stored in the ECM.

Press the ▼ key, the DTC codes will not be erased and Smarty will return to the main screen.

When the erasing operation has been completed, the following screen appears:

DTC Cleared  
Press ►

## 7. ABS Update

### Tire height update

Once Smarty is VIN# Locked (i.e. a CaTCHER software has been loaded in the ECM) the speedometer of the vehicle can be adjusted according to the tire height.

From the main menu, shown below, press the ▲ key.

▲ ECM/ABS Update  
▼ Data Read

To change the tire height, choose the ABS update function:

Press the ▼ key, in the second menu as shown below:

▲ ECM Update  
▼ ABS Update

Smarty will try to establish the communication with the ABS.

If the ignition key was not turned to the "RUN" position Smarty will display this message:

Turn key OFF  
Press ►

Press the ► key, then Smarty will prompt you to turn on the ignition key to retry the connection:

Turn key ON  
Press ►

When the connection has been established, Smarty shows the current tire height (Curr Tire:) in the top line of the screen:

Curr. Tire: 40.00"  
New Tire: 40.00"

Using the up and down arrow, select the correct tire height.

Any tire height from 25.00" to 45.00" can be chosen in 0.05" increments.

After you have selected the correct tire height, press the ► key to start the ABS programming.

A typical ABS change will take only a couple of seconds.

When the operation has been successfully completed, the following screen appears:

PROGRAM DONE

The ABS unit does not always change, so Smarty will re-read the tire height from the ABS unit and display the results as shown in the following screen:

Curr. Tire: 42.25"  
Press ►

If the ABS unit did not change to the new tire height, Press the ◀ key to return to the previous screen, and re-enter the correct tire height.

When the tire height change is completed, press the ► key. Smarty will display the following screen:

Unplug Smarty  
Turn key OFF