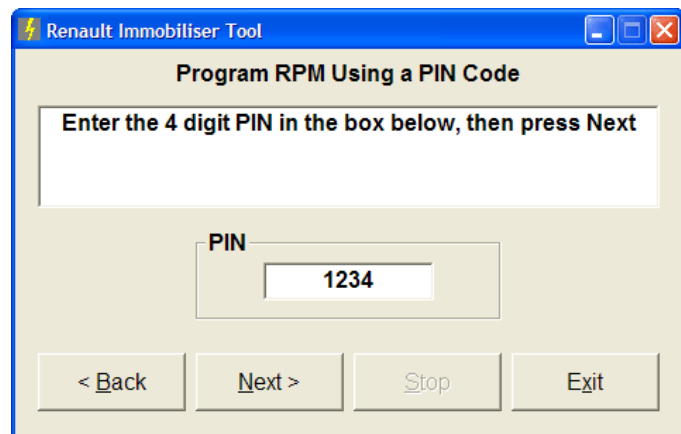
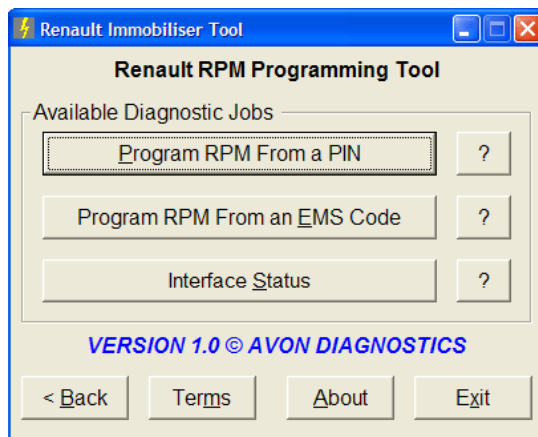


PC Controlled RPM Programmer

- Allows Renault Record / Playback Modules to be pre-programmed, prior to being fitted onto the car
- RPMs can be programmed directly from a 4 digit PIN, or from an EMS Code (obtained from a memory dump from the immobiliser).
- Only a single USB connection is needed on the host PC.
- Windows XP, or 98/ME compatible.



Coverage:

- Laguna: 1995 to 2001
- Clio: 1995 to 2001
- Megane: 1995 to 1999
- Espace: 1995 to 2001
- Kangoo: 1996 to 2003
- Master/ Trafic: 1996 to 2003

Plus some Vauxhall commercials made by Renault

Setting Up

Step 1: Don't plug anything into your PC yet.

Step 2: Insert the set up CD, and install the drivers for the HL340 USB to serial converter. There's a separate document, called 'Installing the HL340 USB to Serial Converter' which takes you through this process step by step.

Step 3: Look in the 'Applications' folder on the CD. Double click the '**Setup**' icon or run Setup.exe, depending on how your Windows is set up.

Step 4: This should create a program that you can run from the Start menu. Go '**Start**' – '**All Programs**' – '**Avon Diagnostics**' – '**RPM Programmer**'.

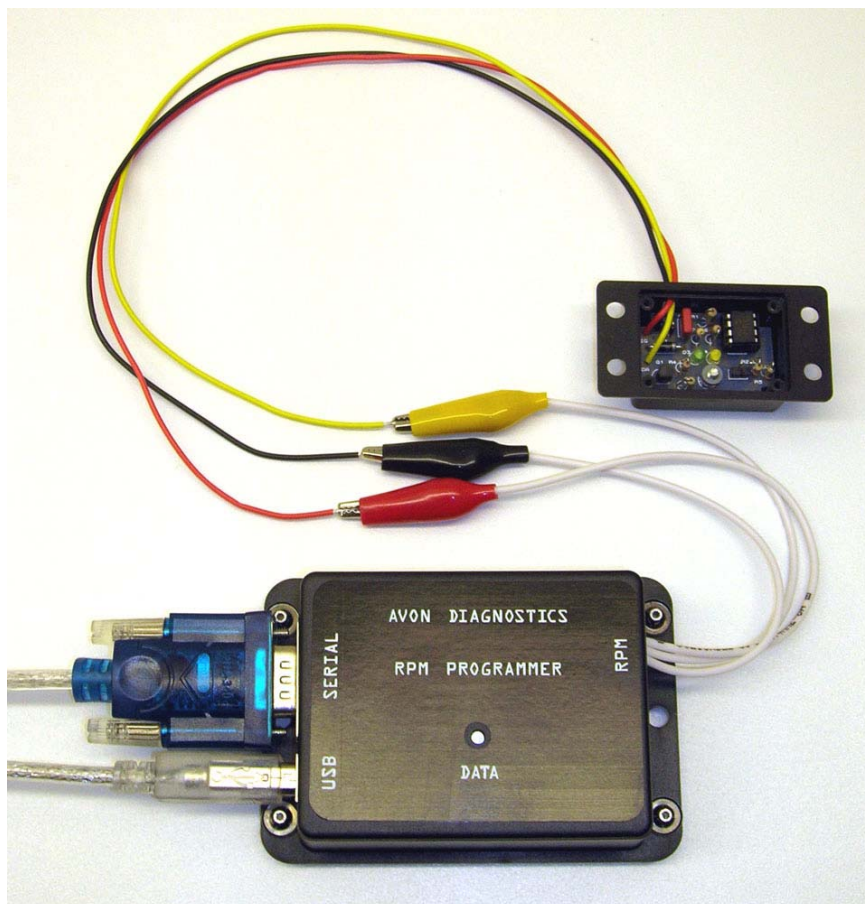
If you want to create a short cut to this application on your desktop, right click on the '**RPM Programmer**' icon, and select 'Send to ...Desktop (Create shortcut)'.
RPM Programmer

Step 5: When you run the application, it will ask you for a password. Your password is:

Step 6: Follow the instructions on the screen.

Connecting the Programmer

The RPM Programmer should be connected like this:



Ensure that the 3 croc clips don't touch each other whilst programming.

If they do, no harm will result, because there is short circuit protection, but you may get an error message, and will have to start the process again.