

CIRCULATE TO:-	
SERVICE MGR.	X
RECEPTION	X
WORKSHOP	X
PARTS	X

TestBook Information



MODEL		SUBJECT EDC Replacement Instructions		14/11/96
Discovery		For UK/Europe/Japanese Specification		TB013/96/EN
Discovery		AFFECTED VEHICLES		
		LP		
		LJ	163104 Onwards	
		LJ	501920 Onwards	
		LD		

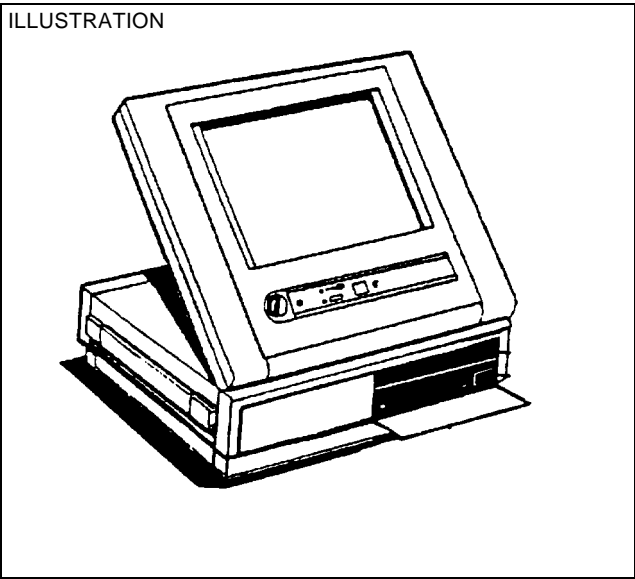
DETAIL

This bulletin has been introduced to assist the Technician with EDC replacement in the countries specified above. All instructions in bold are buttons on TestBook screen to be pressed. Each block refers to a separate screen.

ACTION REQUIRED
Information only: When replacing EDC follow the process detailed below.

PARTS INFORMATION

Not applicable



PROCEDURE
 Start off with Alarm lead connected and key out of the ignition.

Part 1
 Turn on TestBook.
 Put disk DRL0012Y or release into TestBook use Disk 12.
 Ensure the key is out of the ignition.
 Press **Diagnostic System**.
 Select New Vehicle (you may be asked this).
 At Vin enter+, Vin number (on metal plate bottom right hand side of windscreen), Press **Continue**.
 Confirm vehicle information screen, check it is Discovery -96/97 Model Year if not set it up to be so.
 Press **Continue**.
 Press **Security Reprogramming**.
 Press **Diesel Auto**.

Continue.....


WARRANTY
 Normal warranty policy and procedures apply

COMP. CODE
Not applicable

SRO
 Refer to bulletin TB006/96 for individual times

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Ensure that the alarm lead is being used, the ignition is OFF and the key is OUT.
Press **Continue**.
Press **Europe** or **Asia**.
Press **UK/Europe** or **Japanese**.
Watch the screen flash until it reaches the PLIP PROGRAMMING screen. It will then ask you "Has the alarm ECU been replaced or do you require PLIP programming?. Press **NO** (it is important to always select NO here!).

Check Status screen, press unlock (smooth) button on remote 5 times. Confirm mobilisation by locking and unlocking vehicle using padlock button on remote control.
18) Press **Continue**.

Preparation switch on ignition to position II
Change from alarm lead to EDC lead.
Press **Continue**.
Switch ignition OFF (to position 0).
Switch ignition ON (to position II).
Press **Continue**.

When starting vehicle. It should fire! Switch ignition OFF.
Switch ignition ON.
Press **Continue**.

Preparation switch off ignition and remove key, change from EDC lead to Alarm lead.
Press **Continue**.

Screen will display several process messages ie "wiring to memory" and will then return to the WELCOME screen. Mobilise vehicle by pressing the smooth button on the remote pad 5 times and confirm mobilisation by locking and unlocking vehicle using the padlock button.
Attempt to start Vehicle. It should fire!.
If not then it may be necessary to run the second part of the program especially if this is a Brand New ECU see **part 2**.

EDC Replacement Instructions for UK/Europe/Japanese Specification .

Part Two. It will only be necessary to run this part if the replacement ECU is Brand New
All instructions in bold are buttons on TestBook screen to be pressed. Each block refers to a separate screen. After running the first part of the program you will arrive at the Welcome screen. The EDC must not be changed from Factory mode to Robust mode.


From the WELCOME screen.
* Press **Diagnostic System** .
Change from Alarm lead to EDC lead then switch on ignition to position II.
Select **96/97 Model year & 300Tdi** .
Press **Continue** .

At Vin entry press **Continue** , (a warning "not a valid Vin" may come up) press IGNORE.
Confirm vehicle information (Discovery from the above vin numbers 300 Tdi).
Press **Continue** .
Press **EDC** .

Follow instructions on screen (main instruction is to ensure ignition is at position II).
Screen will display EWS engine immobilisation system, Press **Continue** .
Fault descriptions will be displayed. Press **MORE DETAIL** .

Follow instructions ie Switch ignition OFF, mobilise vehicle by pressing smooth button on remote five times. Switch ignition ON and attempt to start vehicle, If no start press **NO** .
The screen will display "Has security alarm diagnostics been run" Press **YES** .

Switch ignition off (position 0)
Switch ignition on (position II)
Press **Continue** .
Switch ignition off
Switch ignition on
Press **Continue** .
Switch ignition off
Switch ignition on
Press **Continue** .

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The screen will display EDC is now in factory mode.

Press **Continue**.

The screen will display vehicle is 96-97 MY, press **Continue**.

Switch ignition off.

Ensure vehicle is mobilised (press smooth button on remote 5 times).

Confirm mobilisation by locking and unlocking vehicle with the remote.

Disconnect EDC lead and then Attempt to start vehicle.

It should fire!, if Yes then press **Yes** and the procedure is complete and move onto next vehicle.

If the vehicle fails to start, then Press **No**.

Upon No fire then the second part of the program may need to be re-run.

Press **Abort**.

Press **Confirm Abort**.

Press **Diagnostic System** and repeat process from * Press **Diagnostic System**.

The screen will now display the WELCOME screen.