ADVANCED DIAGNOSTICS

Unlocking Technology

Renault

(Version 3.5)

RENAULT

World Leaders In Automotive Key Programming Equipment

www.advanced-diagnostics.com

AD™

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RENAULT

InfoQuest Vehicle Data Search

WWW.ADUSA.US

Applications are continually updated as vehicles are constantly added.

To ensure you have the very latest information,

the applications list is available via Info Quest - an online portal

containing vehicle technical data for key & remote programming

for all manufacturers.

To view the latest vehicle applications please visit

Info Quest at

http://iq.advanced-diagnostics.co.uk/

Renault Software	
ADS104	Renault
ADS161	Renault PINCODE Read
ADS180	Renault 2011

DIAGNOSTIC SOCKETS/PORTS

B

RENAULT

CLIO

CLIO2

ESPACE

LAGUNA2

MEGANE

LAGUNA3

MEGANE II

MEGANE SCENIC

ESPACE 2003 >

MODUS

VELSATIS

KANGOO

DIAGNOSTIC SOCKETS/PORTS

B

RENAULT

KOLEOS

LAGUNA 3

MEGANE 3

SCENIC 3

CLIO 3

TRAFIC 2

SYMBOL

TWIZY

FLUENCE

GENERAL OPERATION

The Renault Immobiliser system uses either Infra Red or Radio Frequency for Plip key operation and transponder key technology for key entry and starting. The Infra Red and RF systems use a rolling code system to ensure the vehicle system cannot be breached.

Activation of the Immobiliser system is indicated by the LED indicator in the Instrument cluster. If there is a fault in the system, an emergency access code can be used to disable the system using the central door locking button or key and the LED to enter the code.

On petrol vehicles the immobiliser is carried out by the Fuel Injection system and on Diesel systems it is carried out by the coded solenoid valve.

The immobiliser system automatically sets itself after 10 minutes if both doors are closed, this can be 30 minutes in other countries. If the ignition is switched OFF and one of the front doors is opened, then the immobiliser sets itself after 1 minute, in other countries it can be 10 minutes.

To disarm the system the doors must be locked and unlocked using the plip key functions. Only 2 plips can be operated on this system.

The immobiliser key system operates independently of the Plip system. When the key is turned to the Ignition OFF position the immobiliser activates after 10 seconds. This system used 2 special matched keys with coded transponders.

The system comprises of Receiver aerial around the ignition lock, a decoder unit located under the dashboard, which sends the decoding signal to the Fuel Injection computer or coded solenoid valve, and the RED warning light.

Key programming and Plip programming can be performed using the TESTER if the relevant security code for the vehicle is available. The security code is normally displayed in the front of the service book, if not, it can be obtained from either the Advanced Diagnostics website (for certain vehicles) or the Renault dealer.

Decoder Unit (BII)

This system is similar to many other immobiliser systems as it uses a transponder within the head of the key to send its code to the immobiliser when interrogated via the immobiliser ignition key barrel antenna. The code from the key is transferred to the Decoder Unit which has the following functions:

- Decoding the key transponder signal, via the antenna coil
- Management of the engine immobiliser system by sending the received code to either the EMS-ECM (Petrol engine) or the Coded Solenoid Valve (Fuel Cut-off valve for diesel engines) to authorize the vehicle to be started
- Control of the immobiliser LED
- Central door locking functions (if fitted)
- Courtesy light control (part of central locking if fitted)

Multi Timer Unit (BMT)

The Multi Timer Unit has the same immobiliser function as the Decoder Unit above using an ignition key with a transponder and an ignition key barrel antenna. The Multi Timer Unit has the following functions (amongst others):

- Decoding the key transponder signal, via the antenna coil
- Management of the engine immobiliser system by sending the received code to either the EMS-ECM (Petrol engine) or the Coded Solenoid Valve (Fuel Cut-off valve for diesel engines) to authorize the vehicle to be started
- Control of the immobiliser LED
- Central door locking functions (if fitted)
- Courtesy light control (part of central locking if fitted)

Type 'I' Key Recognition Optional IR Rolling Code - Petrol/Diesel

This system can be used with or without an Infrared Remote Control, which would require a separate control unit.

Type 'J' Coded Card instead of Key

This system is an immobiliser only, a separate system must be used to operate the central locking, however, a Coded Card may contain a remote control transmitter for gaining entry to the vehicle.

GENERAL OPERATION

Coded Card

The coded card system was introduced for the latest Laguna models and eliminates the use of 'ignition keys' and, optionally, 'door locking keys'. Instead of a key the driver has a coded card that, optionally, unlocks the door and after insertion into a card reader, sets self-retaining relays to supply the various systems/circuit in the vehicle (equivalent to the ignition switch), deactivates the immobiliser to allow the vehicle to be started and unlocks the electric steering lock. The code is a random rolling code to reduce the chances of simulation.

The engine is started via an engine start/stop push switch, which when pushed will energize the starter. If pressed again the switch will stop the engine and removing the card will break the retaining circuit to the main relay and the vehicle will shut down all systems and circuits except any required to remain on, e.g. lighting circuits, hazard lights etc. The following are the immobiliser functions:

- Decodes the signal from the card via the card reader

- Sends a signal to the electric steering column lock

- Communicates with the EMS-ECM

- Controls the immobiliser LED and the card reader light

- Communicates with the immobiliser

This system uses a multiplexing system to send data to peripheral devices, namely the electric steering lock, diagnostic socket, EMS-ECM and the LED in the instrument pack.

All Systems

Each system has a visual indication of the immobiliser status but whether or not it has a separate red LED to that of the EMS-ECM is dependent upon the system. If it shares an LED with the EMS-ECM this will flash regularly when the immobiliser is active and is also used to indicate acceptance of the security code numbers manually entered using the door locking button. In general the following functions are indicated by the LED:

- Activation of the immobiliser

- Non recognition of the Coded Card or Coded Keys

- System fault

- Fault with the EMS-ECM immobiliser function

- Fault with the Electric Steering Lock (Coded Card only)

- Signal of entry into door locking remote control resynchronization mode (Decoder/Multi Timer systems only)

- If a fault with the EMS-ECM immobiliser circuit occurs whilst the vehicle is in motion the immobiliser LED will flash during deceleration and when at idle speed.

GENERAL OPERATION

Model	Year	Immobiliser Type	Version
Kangoo	10/97	D	V2
	10/97	F	V2
	10/97	H	V2
Master (XD0)	10/97	D	V2
	10/97	F	V2
	10/97	H	V2
Clio I	07/94	A	V1
	04/95	C	V1
	04/95	D	V1 & V2
	12/95	F	V2
	12/96	E	V2
Clio II	03/98	H	V2
	06/01	J	V3
Safrane	01/93	A	V1
	05/93	B	V1
	02/95	C	V1
	10/95	E	V2
	09/96	G	V2
	01/97	H	V2
Laguna I	02/94	A	V1
	07/94	B	V1
	01/95	C	V1
	11/95	D	V1 & V2
	09/95	E	V2
	11/95	F	V2
	01/97	H	V2
Laguna II	01/00	J	V3
Express	04/95	C	V1
	01/96	E	V2
Megane	11/95	C	V1
	11/95	D	V2
	01/96	E	V2
	01/96	F	V2
	09/98	I	V2
Espace (J63)	04/95	C	V1
	09/95	E	V2
Espace (JE0)	09/96	G	V2
	01/97	H	V2
Trafic I	10/95	C	V1
	01/96	E	V2
Trafic II	06/01	J	V3
Twingo	01/95	C	V1
	01/95	D	V2
	12/99	H	V2
R19	05/93	A	V1
	03/95	C	V1
R21	01/92	A	V1

GENERAL OPERATION

All systems have the same end function, immobilising the vehicle until the correct code is presented to the immobiliser unit.

Type 'A' Infrared Remote Control Fixed Code - Petrol

This system uses a combined immobiliser and central door locking control unit with a remote infrared transmitter contained in the plastic keyhead. The transmitted code is fixed and when received by the control unit receiver it will generate a door open signal and simultaneously pass the code to the EMS-ECM. The EMS-ECM compares the received code against a stored code and if verified it will allow the engine to be started. This type is for petrol only vehicles and will allow up to seven keys to be used.

Type 'B' Infrared Remote Control Fixed Code - Diesel

This system uses a combined immobiliser and central door locking control unit with a remote infrared transmitter contained in the plastic keyhead. The transmitted code is fixed and when received by the control unit receiver it will generate a door open signal and simultaneously pass the code to the Coded Solenoid Valve. The Coded Solenoid Valve compares the received code against a stored code and if verified it will allow the fuel to the engine. This type is for diesel only vehicles and will allow up to four keys to be used.

Type 'C' Infrared Remote Control Rolling Code - Petrol

This system uses a combined immobiliser and central door locking control unit with a remote infrared transmitter contained in the plastic keyhead. The transmitted code is rolling to reduce the chances of the code being captured and used to enter the vehicle. The code when received by the control unit receiver will generate a door open signal and simultaneously pass the code to the EMS-ECM. The EMS-ECM compares the received code against a stored code and if verified it will allow the fuel to the engine. This type is for petrol only vehicles and will allow up to seven keys to be used.

Type 'D' Key Recognition - No Infrared Remote - Petrol

This system uses key recognition only with no remote control of entry. A transponder in the keyhead reacts to a transmitted signal from a coil wrapped around the ignition key barrel. If the transponder code is the same as the stored code the EMS-ECM receives a signal to allow the engine to run. This type is for petrol only vehicles and will allow up to seven keys to be used.

Type 'E' Infrared Remote Control Rolling Code - Diesel

This system uses a combined immobiliser and central door locking control unit with a remote infrared transmitter contained in the plastic keyhead. The transmitted code is rolling to reduce the chances of the code being captured and used to enter the vehicle. The code when received by the control unit receiver, will generate a door open signal and simultaneously pass the code to the Coded Solenoid Valve. The Coded Solenoid Valve compares the received code against a stored code and if verified it will allow the fuel to the engine. This type is for diesel only vehicles and will allow up to four or seven keys to be used dependent upon the type of shielding on the Coded Solenoid Valve.

Type 'F' Key Recognition - No Infrared Remote - Diesel

Uses key recognition only with no remote control of entry. A transponder in the keyhead reacts to a transmitted signal from a coil wrapped around the ignition key barrel. If the transponder code is the same as the stored code the Coded Solenoid Valve receives a signal to allow the engine to run. This type is for diesel only vehicles and will allow up to four or seven keys to be used depending upon the type of shielding on the Coded Solenoid Valve.

Type 'G' Key Recognition + IR Rolling Code - 2 ECMs - Petrol/Diesel

This system has both Infrared Remote Control and Key Recognition but have a separate control for each function. There is no interaction between the two controllers except that they share common 'K' & 'L' diagnostic lines to the DLC and the Electric Door Button has an input to both to allow the code to be entered manually. This systems appears in both petrol and diesel vehicles and up to seven keys can be used.

Type 'H' Key Recognition + IR Rolling Code - 2 ECMs - Petrol/Diesel

Types 'H' and 'G' are similar in their functionality but Type 'H' has a single integrated control unit.

Note: Aerial is not coded.

GENERAL OPERATION

C

RENAULT—SYSTEM IDENTIFICATION

Laguna 2 Ph1   Laguna 2 Ph2

also notice the card reader is separate on a Ph 1:

Scenic II Phase 1

FE56 JXD

Megane 1 (MY 1995 > 2002)

Scenic II Phase 2

FN07 ULF

Megane 2 (Phase 1)
(Cut off for Phase 1 is 2006)

Scenic Phase 1

FE03 UMX

Megane 2 (Phase 2)

FD58 OMA

GENERAL OPERATION

RENAULT—SYSTEM IDENTIFICATION

Clio 2 Phase 1 (MY 1997 > 2001)

Clio 2 Phase 2 (MY 2002 > 2005)

Clio 3 (MY 2006 >)

C

RENAULT—SYSTEM IDENTIFICATION

4 digit PIN

Found on Master 1, Clio 1, Kangoo 1 with Type 33 transponder. This system may or may not be accompanied with a transponder. You can code the remote manually or with the tester.

8 digit PIN

Found on Megane and Megane Scenic vehicles up to 2004 with Type 60 or 64 transponder.

The transponder can be coded using the AD100 Pro, the remote is coded manually. No PIN reading is possible, so you must apply for the PIN.

12 digit PIN

Found on most vehicles starting in 2002, this system can be keycard or mechanical key based and the PIN can be read with the AD100 Pro. You do not have to read the PIN to program the key, but you may need to read the PIN if you require it for additional functions (such as coding a new body control module or steering column lock)

Please refer to the Advanced Diagnostics iQ database online at: **http://iq.advanced-diagnostics.co.uk** to verify all vehicle/systems data. If you need additional information please refer to the forum or relevant manual, or contact Technical Support.

WWW.ADUSA.US

RENAULT—4 DIGIT SYSTEMS

PROGRAM REMOTES

VEHICLE SELECTION
+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ RENAULT
+ SUBARU

VEHICLE SELECTION
CLIO I
CLIO II
ESPACE
KANGOO I
LAGUNA II PH1
LAGUNA II PH2

SWITCH IGNITION ON
PRESS ENTER KEY

ECU IDENTIFICATION
CLIO PLIPS
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
SPECIAL FUNCTIONS
PRESS ENTER KEY

DIAGNOSTIC MENU
PROGRAM IMMOBILISER
PRESS ENTER KEY

PROGRAM REMOTES

PROGRAM REMOTES
ONLY KEY IN IGN
WILL BE PROGRAMMED
CONTINUE
YES=ENTER   NO=BACK

PROGRAM REMOTES
ACTIVATING FORCED
PROTECT
SWITCH IGN OFF
PRESS ENTER KEY

PROGRAM REMOTES
SWITCH IGN ON
PRESS ENTER KEY

SECURITY CODE
_ _ _ _

SECURITY CODE
_ _ _ _
IS CODE CORRECT
OK=ENTER   CLEAR=BACK

PROGRAM KEYS
PLEASE WAIT
STORING KEY 1

PROGRAM REMOTES

PROGRAM REMOTES
SWITCH IGN OFF
PRESS ENTER KEY

PROGRAM REMOTE
COMMS WILL BE
STOPPED. THEN
RESTARTED
THIS MAY TAKE UP
30 SECONDS
PRESS ENTER TO CONT.

PROGRAM REMOTE
SUCCESSFUL
LOCKS SHOULD CYCLE
PRESS ENTER KEY

SPECIAL FUNCTIONS

D

RENAULT—8 DIGIT SYSTEMS

PROGRAM KEYS

VEHICLE SELECTION
+ LANCIA
+ MITSUBISHI
+ NISSAN
+ PEUGEOT
+ **RENAULT**
+ SUBARU

VEHICLE SELECTION
MEGANE I
MEGANE II
MODUS NORMAL
MODUS INTELLI
TRAFIC II
READ PINCODE

VEHICLE SELECTION
IMMOBIL 1.
IMMOBIL 2.

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

ECU NO : 8200029342

PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
FAULT CODES
LIVE DATA
ACTUATOR
SPECIAL FUNCTIONS

PROGRAM KEYS

DIAGNOSTIC MENU
PROGRAM KEYS

PRESS ENTER KEY

SWITCH IGNITION OFF
AND THEN PRESS ENTER

SECURITY CODE

– – – – – – – –

SECURITY CODE

1 2 3 4 5 6 7 8

IS CODE CORRECT
OK=ENTER   CLEAR=BACK

PROGRAM KEYS

INSERT NEXT KEY
SWITCH IGNITION ON
AND THEN PRESS ENTER

SWITCH IGNITION OFF
AND THEN PRESS ENTER

PROGRAM KEYS

PROGRAM KEYS

BACK TO EXIT
ENTER TO PROGRAM
NEXT KEY

PLEASE WAIT

PROCEDURE COMPLETE

PRESS ENTER KEY

SPECIAL FUNCTIONS

D

RENAULT—Integrated Key Programming + PIN READ - 12 DIGIT SYSTEMS

Program Keys

VEHICLE SELECTION
+ PLYMOUTH
+ PORSCHE
+ PROTON
+ PONTIAC
+ RENAULT
+ ROEWE

DIAGNOSTIC MENU
> PROGRAM KEYS
READ PIN CODE

PROGRAM CARD
REMOVE CARD
SWITCH AD100Pro OFF
INSERT CARD
START ENGINE TO
COMPLETE PROCEDURE

VEHICLE SELECTION
CLIO II PH2
CLIO II PH2 <SIEME
LAGUNA lll
ESPACE IV PH1
ESPACE IV PH2
KANGOO PH2

PROGRAM CARD
KEYS NOT AVAILABLE
WILL BE DELETED
DO YOU WANT TO
CONTINUE
✖   ✔

NOTE: FOR MVPPRO & PREMIUM CODE CUSTOMERS.

THERE IS NO NEED TO READ THE PIN CODE—IF YOU CHOOSE TO READ THE PIN CODE—1 TOKEN WILL BE DEDUCTED.

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

PROGRAM CARD
SWITCH IGNITION OFF
REMOVE CARD

PRESS ENTER KEY

ECU IDENTIFICATION
VIN: VF1KTKP0H39934165
KEY #1: 6A 25 0C 34
KEY #2: EMPTY
KEY #3: EMPTY
KEY #4: EMPTY
PRESS ENTER KEY

PROGRAM CARD
INSERT CARD
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
FAULT CODES
>SPECIAL FUNCTIONS

PROGRAM CARD
DO YOU WANT TO
PROGRAM MORE KEYS
✖   ✔

SPECIAL FUNCTIONS

D

RENAULT— KEY PROGRAMMING 12 DIGIT SYSTEMS

PROGRAM KEYS

VEHICLE SELECTION

+ LANCIA

+ MITSUBISHI

+ NISSAN

+ PEUGEOT

+ **RENAULT**

+ SUBARU

VEHICLE SELECTION

CLIO I

CLIO II

KANGOO I

KANGOO II

LAGUNA II PH 1

LAGUNA II PH2

VEHICLE SELECTION

IMMOBIL 1.

IMMOBIL 2.

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

ECU NO : 8200029342

VIN : 0123456789ABCDEF

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION

FAULT CODES

LIVE DATA

ACTUATORS

SPECIAL FUNCTIONS

PROGRAM KEYS

DIAGNOSTIC MENU

PROGRAM KEYS

READ PIN CODE

PRESS ENTER KEY

PROGRAM KEYS

SWITCH IGNITION OFF

AND THEN PRESS ENTER

PINCODE SOURCE

1. DEALER CODE

2. ADVANCED DIAGNOSTICS

1	2	3	4	5
6	7	8	9	0

SECURITY CODE

A1 34 56 78 B2 F3

1	2	3	4	5
6	7	8	9	0

PROGRAM KEYS

SWITCH IGNITION ON

AND THEN PRESS ENTER

PROGRAM KEYS

KEYS PROGRAMMED : 1

BACK TO EXIT.

ENTER TO PROGRAM

NEXT KEY

PROGRAM KEYS

PLEASE WAIT

03 SEC

PROGRAM KEYS

PROCEDURE COMPLETE

PRESS ENTER KEY

SPECIAL FUNCTIONS

RENAULT— PIN READ 12 DIGIT SYSTEMS

READ PIN CODE

VEHICLE SELECTION

+ LANCIA

+ MITSUBISHI

+ NISSAN

+ PEUGEOT

+ RENAULT

+ SUBARU

VEHICLE SELECTION

MEGANE I

MEGANE II

MODUS NORMAL

MODUS INTEL

TRAFIC II

READ PINCODE

VEHICLE SELECTION

CLIO II PH 2

ESPACE IV PH1

ESPACE IV PH2

KANGOO PH2

LAGUNA II PH1

LAGUNA II PH2

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

ECU NO : 8200029342

VIN : 0123456789ABCDEF

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION

SPECIAL FUNCTIONS

READ PIN CODE

DIAGNOSTIC MENU

READ PINCODE

PRESS ENTER KEY

AD PINCODE

PLEASE WAIT

SEC.WAIT 60

NOTE : IT WILL TAKE 1 MINUTE TO READ THE PIN CODE.

AD PINCODE

33 E1 A9 7D E1 C1

SWITCH AD100 PRO OFF

NOTE : THIS PIN CODE WILL ONLY WORK ON THIS AD PRO UNIT, AND CANNOT BE USED WITH ANY OTHER TESTER OR EQUIPMENT.

IT IS UNIQUE TO THIS TESTER AND VEHICLE.

NOTE : ON SOME MODELS THE SOFTWARE WILL DISPLAY 2 OR 3 PIN CODES.

WRITE THEM ALL DOWN AND TRY EACH ONE IN TURN, ENSURING THE TESTER IS DISCONNECTED BETWEEN EACH TRY.

IMPORTANT NOTE : AFTER READING THE PIN CODE.

DISCONNECT TESTER AND PERFORM A HARD RESET WITH BATTERY DISCONNECT FOR 5 MINUTES BEFORE PROGRAMMING KEYS.

ENSURE ALL KEYS ARE OUTSIDE OF THE VEHICLE UNTIL ASKED TO TURN IGNITION ON.

SPECIAL FUNCTIONS

RENAULT— PIN READ 12 DIGIT SYSTEMS

PIN CODE READING

VEHICLE SELECTION
+ PLYMOUTH
+ PORSCHE
+ PROTON
+ PONTIAC
+ RENAULT
+ ROEWE

VEHICLE SELECTION
MODUS INTEL
TRAFIC II
+ TWINGO
VELSATIS PH1
VELSATIS PH2
+ READ PIN CODE

VEHICLE SELECTION
CLIO II PH2
CLIO II PH2 <SIEME
CLIO III
ESPACE IV PH1
ESPACE IV PH2
KANGOO PH2

DIAGNOSTIC MENU
HAZARDS ON/IGNITION OFF
PRESS ENTER KEY

ECU IDENTIFICATION
VIN: VF1BRCP0H39934165
KEY #1: 6A 25 0C 34
KEY #2: EMPTY
KEY #3: EMPTY
KEY #4: EMPTY
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
>SPECIAL FUNCTIONS

PIN CODE READING

DIAGNOSTIC MENU
PROGRAM KEYS
>READ PIN CODE

PIN CODE
EF 53 55 BD 78 D8
PRESS ENTER KEY

DISCONNECT TESTER

FROM THE VEHICLE

NOTE : THIS PIN CODE WILL ONLY WORK ON THIS AD PRO UNIT, AND CANNOT BE USED WITH ANY OTHER TESTER OR EQUIPMENT.

IT IS UNIQUE TO THIS TESTER AND VEHICLE.

IMPORTANT NOTE : AFTER READING THE PIN CODE.

DISCONNECT TESTER AND PERFORM A HARD RESET WITH BATTERY DISCONNECT FOR 5 MINUTES BEFORE PROGRAMMING KEYS.

ENSURE ALL KEYS ARE OUTSIDE OF THE VEHICLE UNTIL ASKED TO TURN IGNITION ON.

TIPS & HINTS

E

1. If the remote doesn't work, check to make sure the LED works when the button is depressed and a signal is being sent. This can be tested with a remote signal tester or the camera on a mobile phone (look for infa red light glowing on the camera). If this is not ok, strip the remote and check the battery and soldered joints, particularly in the area of the transmitting diode.

2. The antenna ring around the ignition barrel does not need to be coded when replaced.

3. 1999 model. Non start (immobiliser light on all the time), no indicators or hazards- UCH/decoder module locked up and requires rebooting. Disconnect the battery and hold the two cables together for 10 seconds to dissipate any residual current in the control unit. Reconnect battery.

4. 4 Digit Pin Code Systems - After programming procedure :
   - Lock car with the key.
   - Wait for 1 minute
   - Press the remote control button a few times until the central locking operates.
   <u>Note</u>: If it is an INFRA RED remote control please make sure you point it towards the receiver.

5. On the 8 digit system, if the car is cranked with a low battery, it will cause a problem with the immobiliser unit. Use the SWAP IMMO function in special functions to reset the system if this happens. The LED flash if this is the case.

6. If you get incorrect access code after reading the pin code on any of the Renault models, disconnect the tester from the vehicle. Disconnect the battery, and do a hard reset for 5 minutes. Reconnect battery and ensure all keys are outside of the vehicle. Connect tester and follow key programming procedure from the beginning.

PRECAUTIONS

IMPORTANT : PLEASE ENSURE ALL PRECAUTIONS ARE OBSERVED AS INDICATED AT THE FRONT OF THE OPERATING MANUAL.

IN PARTICULAR : For vehicles fitted with STOP/START technology, the battery leads must not be shorted together when the battery is disconnected as this can lead to damage to the car and potential personal injury. WWW.ADVANCED-DIAGNOSTICS.CO.UK

WWW.ADUSA.US

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REMOTE PROGRAMMING

F

CLIO II, KANGOO & MASTER INFRA RED RESYNCHRONISING
1. Turn Ignition OFF.
2. Press the central door locking button for more than 5 seconds. Note : the door should lock then unlock.
3. When this happens, 10 seconds is allowed and the immobiliser warning light illuminates.
4. Point the 1st key at the receiver and press the button twice, the doors should lock and unlock. Repeat for other remotes as required.
5. Check the remote control unlocks and locks the doors.

LAGUNA II & SAFRANE II INFRA RED RESYNCHRONISING
1. Turn Ignition OFF.
2. Press the central door locking button for more than 5 seconds. Note : the door should lock then unlock.
3. When this happens, 15 seconds is allowed and the immobiliser warning light illuminates.
4. Point the 1st key at the receiver and press the button once, the doors should lock and unlock.
5. Point the 2nd key at the receiver and press the button once, the doors should lock and unlock.
6. Check the remote control unlocks and locks the doors.

CLIO II, KANGOO & MASTER RF RESYNCHRONISING
1. Turn Ignition OFF.
2. Press the central door locking button for more than 5 seconds. Note : the door should lock then unlock.
3. When this happens, 10 seconds is allowed and the immobiliser warning light illuminates.
4. Press the remote control once, the doors should lock and unlock.
5. Repeat for second remote if required.
6. Check the remote control unlocks and locks the doors.

LAGUNA II & SAFRANE II RF RESYNCHRONISING
1. Turn Ignition OFF.
2. Press the central door locking button for more than 5 seconds. Note : the door should lock then unlock.
3. When this happens, 15 seconds is allowed and the immobiliser warning light illuminates.
4. Press the remote control once, the doors should lock and unlock.
5. Press the second remote control once, the doors should lock and unlock.
6. Check the remote control unlocks and locks the doors.

CLIO RE-SYNCHRONISING
1. Lock Car manually
2. Unlock Car manually
3. Insert key into ignition within 30 seconds.
4. Turn Ignition and start vehicle.

MEGANE RF RESYNCHRONISING

1. Hold the remote control button down for longer than 10 seconds (until the red tell-tale light on the key extinguishes) then press it again 3 times.

2. Check that the doors lock and unlock correctly.

MEGANE WITH EARLY REMOTE (LED SWITCHES OFF WHEN HOLDING BUTTON DEPRESSED)

1. New key in ignition and switch on
2. Press and hold the central locking button on the dashboard until the red light on the dashboard goes off and comes back - then wait for the slow flashing (a second or two at most) at which point count the number of flashes relating to the first digit of the pin then release the button
3. Press and hold the central locking button again and repeat number 2 for the remaining 3 digits
4. If successful the red light on the dash goes solid red after entering the 4th digit.
5. Press central locking button once more, holding until the locks cycle open and close
6. Release and switch off ignition removing key and point it in close proximity to the infrared receiver in the roof lining
7. Press the remote button rapidly and continuously until the locks cycle and then repeat with the existing remote or it will be erased

MEGANE RF RESYNCHRONISING

Hold the remote control button down for longer than 10 seconds (until the red tell-tale light on the key extinguishes) then press it again 3 times.

Check that the doors lock and unlock correctly.

AD900Pro
Transponder Cloning

The most advanced key transponder cloning tool in the market - that reads, writes, copies, a wide range of automotive transponders world-wide. Complimenting the AD100Pro / MVPPro.

AD600
Code Wizard Pro
PINCODE Generator

AD600 is a software program that supports various vehicle manufacturers and provides the ability to generate immobiliser PINCODES, mechanical key codes including dealer tool security codes.

AD35
Remote Control Tester

AD35 is an innovative remote control tester developed to assist with the diagnosis of all types of (IR) Infra Red & (RF) Radio Frequency remote controls for all makes & models.