

APPLICATIONS MANUAL

KEY FOB PROGRAMMING

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KEY FOB PROGRAMMING

CITROEN

XSARA—XANTIA—SYNERGIE— EVASION

CENTRAL DOOR LOCK (1 BUTTON PLIP KEY)

Procedure

1. Ensure all doors are unlocked using the key.
2. Press and hold plip key button until LED stops flashing.
3. After releasing button, LED will light constantly.
4. Press the Plip Button once, and LED will extinguish.
5. Open the door and hold the Plip key near the Ignition switch, and press the plip button one time.
6. Now turn the ignition ON, and wait 10 seconds then turn ignition OFF.
7. After 5 seconds, Plip should now operate.

CENTRAL DOOR LOCK with DEADLOCKING (2 BUTTON PLIP KEY)

Procedure

1. Ensure all doors are unlocked using the key.
2. Press and HOLD the large plip key button while the LED flashes continuously for 20 seconds. After 20 seconds press the small deadlock button once while still holding the large button.
3. The LED will stop flashing.
4. Release the large button and the LED will light constantly.
5. Press the large button one time, and the LED will go out.
6. Open the door and hold the Plip key near the Ignition switch, and press the large plip button one time.
7. Now turn the ignition ON, and wait 10 seconds then turn ignition OFF.
8. After 5 seconds, Plip should now operate.

KEY FOB PROGRAMMING

BERLINGO—98 >

Procedure

1. Turn the Ignition switch to accessory position using the key, without the remote plip attached.
2. Hold the Plip key towards the receiver at the front of the vehicle.
3. Press the large plip button, then the small plip button on the remote.
4. Repeat for second Plip key if required.
5. Turn ignition OFF.
6. After 5 seconds, Plip should now operate.

SAXO 99 >

Procedure

1. Unlock the vehicle using Key.
2. Press the LOCK button 2 times within 20 seconds of unlocking the vehicle.

XSARA PICASSO

Procedure

1. Turn Ignition ON.
2. Press and HOLD the LOCK button for 5 seconds.
3. Turn Ignition OFF.
4. After 5 seconds test Plip key.

DISPATCH

Procedure

1. Turn Ignition ON, and wait for LED to go out.(If fitted)
2. Press the LOCK or UNLOCK button with 20 seconds.
3. Press the LOCK or UNLOCK on other PLIPS within 10 seconds.
4. LED should light for 1 second.
5. Check PLIPS for operation.

KEY FOB PROGRAMMING

FORD

Fiesta 96, Puma (Infrared 2 Button)

Procedure

1. Turn Ignition switch to Position I and back to 0 as soon as the PATS LED in the clock lights (The system is now ready for programming, to a maximum time limit of 30 seconds)
2. Remove Key from Ignition, hold the FOB towards the Interior Light, and press and hold the Single Arrow. Wait until the light on the Key flashes, then press the Double Arrow **3** times., release the Single Button
3. Both LEDs (Key & Clock) should flash to acknowledge programming is successful
4. To exit learn Mode, turn Ignition to II and then 0
5. A Maximum of **4** Remotes are possible

Mondeo 93> Mondeo 96> (Infrared 2 Button)

Procedure

1. Unlock Vehicle, and turn ignition to position 1.
2. Wait until the PATS LED illuminates (app 10 seconds)
3. Switch Ignition to 0 – within 5 seconds – LED will remain on
4. Point the Remote at one of the front Receivers
5. Press a button and keep pressed – within 20 seconds of step 3
6. When the LED on the Key lights press the other button 3-5 times
7. Release both buttons while still aiming at the receiver
8. If successful, both LED's will flash 5 times
9. Repeat 5—9 for additional transmitters (within 30 seconds)
- 10 .When completed, Turn Ignition to II then 0 to store the Keys

Mondeo 98^{1/2}> Scorpio 95> (Radio 3 Button):

Procedure

1. Turn Ignition **4** times from 0 to I, ending at position I. A tone should sound.
2. Press the Remote Unlock button – another tone should sound.
3. Additional Remotes can be added by repeating Step 2, within ten seconds of each remote.
4. To exit turn Ignition to 0 – another audible sound should be made.

KEY FOB PROGRAMMING

Fiesta 96> & Escort 98> (Radio 3 Button)

Procedure

1. Insert Key and turn to II, then Turn Key from II to I and back to II four times within 3 seconds
2. The PATS LED should light. Turn Key to Position 0.
3. Press the Unlock button and keep it pressed until the PATS LED flashes 4 times.
4. Add additional fobs the same way. Turn to II and back to 0 to end.

Focus (Radio 3 Button)

Procedure

1. Switch Ignition **On/Off (II/0) 4 times within 6 seconds** until a sound is made.
2. Press any button on Remote until a sound is made.
3. To program additional Remotes, repeat after 2 seconds after the sound.
4. Turn Ignition On/Off to exit.
5. A maximum of 4 remotes can be programmed.

Mondeo 96> Scorpio > 98 (Radio 2 Button)

Procedure

1. Turn Ignition to II, then turn ignition from II to I and back 4 times within 3 seconds.
2. The PATS LED on dash should light.
3. Turn Ignition to 0. Then press Unlock button and keep it pressed until the PATS LED flashes 4 times (new fob first, then old)
4. Turn Ignition to II, then back to 0 to end.

KEY FOB PROGRAMMING

Cougar (Radio 3 Button)

Procedure

1. Turn Ignition On (II) and Off (0) **4** times within **6 seconds**
2. With the Ignition at 0 the PATS LED should light continuously.
3. Press any button on the Radio Remote **within 10 seconds**
4. The LED should flash to acknowledge
5. Further Remotes (max. 4) can be added by pressing any button.
6. Program mode will end if Ignition turned on, or no new Remote Detected within 10 seconds

NOTE : The first Cougars were 3 seconds instead of 6, and 20 seconds instead of 10.

Transit (2000.5MY)

Procedure

1. Close all the doors.
2. Turn Ignition key from position 0 to II eight times within 10 seconds.
3. Make sure the vehicle locks and unlocks the doors.
4. Press the remote transmitter button within 20 seconds., and make sure the vehicle locks and unlocks all the doors.
5. Up to 20 seconds is allowed to programme the next remote transmitter.
6. To programme additional remote transmitters, repeat steps 4 and 5.
7. Turn the ignition key to position 0 to exit the programming mode.

Note : Maximum 4 remote transmitters may be programmed.

Note : . Ensure the vehicle battery is fully charged and the anti-theft alarm system is not armed or triggered.

Note : If programming ends with no new remote transmitters, the originals are retained.

Note : The anti-theft alarm and double locking module will exit programming mode automatically if four new remote transmitters have been programmed or if no new remote transmitter has been programmed within the 20 second programming mode.

KEY FOB PROGRAMMING

NISSAN

SYSTEM DESCRIPTION

The Central Door locking is controlled by the Multi-Remote Control system which controls the door locking, door super locking and hazard reminder. When the doors are locked and unlocked the unit flashes the hazard lights once for lock and twice for unlock.

A maximum of four remote controls are allowed to be programmed.

ALMERA
ALMERA TINO
PRIMERA
MAXIMA
MICRA
SERENA
VANETTE CARGO
TERANO II

Ensure all the doors have been unlocked, either by using a good transponder key or remote control plip key.

Procedure

1. Turn the ignition switch from Position 0 to ON 6 times within 10 seconds.
2. Then turn ignition switch to OFF position. Leave key in ignition switch.
3. After 2 seconds, the system will enter programming mode and will flash the warning lights twice.
4. Press and HOLD the unlock button on the Plip.
5. While pressing the unlock button, press the lock button 3 times.
6. Release the unlock button.
7. The warning lights will flash once to indicate successful programming.
8. Repeat procedure 4 to 7 for up to 4 plip key's.
9. When completed turn ignition ON, and the warning lights will flash 2 times.
10. Remove key, and check all plip key's for operation.

NOTE : The programming mode will stop when either the ignition is switch ON, 4 plip keys have been programmed or no input signal either from the switch or plip keys has been received for 120 seconds.

KEY FOB PROGRAMMING

PEUGEOT

106 PLIP PROGRAMMING

Procedure

1. Unlock the vehicle using the working key.
2. Press the LOCK button 2 times within 20 seconds.

206 PLIP PROGRAMMING

CENTRAL DOOR LOCK (1 BUTTON PLIP KEY)

Procedure

1. Ensure all doors are unlocked using the key.
2. Press and hold plip key button until LED stops flashing.
3. After releasing button, LED will light constantly.
4. Press the Plip Button once, and LED will extinguish.
5. Open the door and hold the Plip key near the Ignition switch, and press the plip button one time.
6. Turn the ignition ON, and wait 10 seconds then turn ignition OFF.
7. After 5 seconds, Plip should now operate.

CENTRAL DOOR LOCK with DEADLOCKING (2 BUTTON PLIP KEY)

Procedure

1. Ensure all doors are unlocked using the key.
2. Press and HOLD the large plip key button while the LED flashes continuously for 20 seconds. After 20 seconds press the small deadlock button once while still holding the large button.
3. The LED will stop flashing.
4. Release the large button and the LED will light constantly.
5. Press the large button one time, and the LED will go out.
6. Open the door and hold the Plip key near the Ignition switch, and press the large plip button one time.
7. Turn the ignition ON, and wait 10 seconds then turn ignition OFF.
8. After 5 seconds, Plip should now operate.

KEY FOB PROGRAMMING

306 & 806(From 98MY) PLIP PROGRAMMING

Procedure

1. Turn the Ignition switch to accessory position using the key, without the remote plip attached.
2. Hold the Plip key close to the central locking receiver mounted in the roof console.
3. Press the large plip button, then the small plip button on the remote.
4. Repeat for second Plip key if required.
5. Turn ignition OFF.
6. After 5 seconds, Plip should now operate.

406 & 605 PLIP PROGRAMMING

The 406 deadlocking remote control has specific button controls, and if the vehicles has two controls, one is set as primary and the other as secondary. When replacing the Plip, a Primary or Secondary Plip are different part numbers and must be ordered as required. The white label inside the Plip is labelled PRIM and SEC.

Procedure

1. Turn the Ignition switch ON.
2. Press the large Plip key button (Primary Plip)
3. Within 10 seconds, press the large Plip key button (Secondary Plip)
4. If there is one remote, press the Primary plip button twice.
5. Turn ignition OFF.
6. Test Plip's for correct operation.

NOTE : On some 406 models, Plips cannot be re-synchronised unless the battery has been disconnected for 1 minute.

KEY FOB PROGRAMMING

806 (Up to 98MY) PLIP PROGRAMMING

Procedure

1. Turn the Ignition switch to accessory position using the key, without the remote plip attached.
 2. Hold the Plip key towards the receiver at the front of the vehicle.
 3. Press the large plip button, then the small plip button on the remote.
 4. Repeat for second Plip key if required.
 5. Turn ignition OFF.
- After 5 seconds, Plip should now operate.

307 PLIP PROGRAMMING

Procedure

1. Turn the Ignition switch to ON position using the first key.
2. Press the LOCK button for 10 seconds.
3. Remove key and wait for 10 seconds.
4. Check Plip key operation.
5. Repeat for second Plip key if required.
6. Turn ignition OFF

206 PLIP PROGRAMMING SYNCHRONISATION—BSI

Ensure AD100 is disconnected

Procedure

1. Insert Ignition Key.
2. Press the small Black button.
3. Switch the Ignition ON
4. Keep the lock button pressed for 10 seconds.
5. Release lock button , switch ignition OFF and remove key.
6. Close all doors and press the lock button 2 times.

NOTE : If PLIPS still do not work, start the vehicle and then turn OFF. Open and close the door, and check PLIP again. This is also necessary after a new BSI system is fitted.

KEY FOB PROGRAMMING

RENAULT

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.

KEY FOB PROGRAMMING

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.

LAND ROVER

Land Rover Discovery V8 >96 (single Button oval shape)

1. Ensure ignition is OFF, doors unlocked, bonnet switch closed.
2. Ensure procedure from 3 to 9 is completed within 8 seconds.
3. Switch Ignition ON
4. Switch Ignition OFF
5. Lock Doors
6. Unlock Doors
7. Release Bonnet Switch
8. Switch Ignition ON
9. Switch Ignition OFF

If alarm is set, horn will sound and LED with light. Now programming of plips can be completed.

10. Press and hold down button on Plip until LED flashes.
11. Repeat for additional plips.
12. The Dash LED will extinguish if both plips have been programmed successfully.

KEY FOB PROGRAMMING

MITSUBISHI

SPACE WAGON & RUNNER 2000 & PAJERO/MONTERO 2001

Procedure

1. Ensure the door locks and unlocks using the key.
2. Connect AD100 to diagnostic socket, and communicate with vehicle.
3. Within 10 seconds of connecting AD100 press the HAZARD switch 6 times. The doors will lock and unlock once if OK
4. Press the Lock or Unlock button of the remote control once and then press it again 2 times within 10 seconds of the first press.
5. Repeat for additional remote controls.
6. Ensure all remotes are added within 1 minute of the entering the program mode.
7. Programming will cease after 1 minute, when all 4 remote controls have been programmed, the AD100 is disconnected or the Ignition is turned ON.
8. After programming remove AD100, Ignition Key and close all windows. Then check operation.

NOTE : A MAXIMUM OF 4 REMOTES CAN BE PROGRAMMED.

PORSCHE

1996 PORSCHE 911 WITH POP OUT STYLE KEY.

1. Sit in car with doors, bonnet and boot lids closed
2. Start car. shut off car. remove key, wait 90 seconds
3. Switch ignition on. wait 15 seconds until immob. light in clock goes out. cycle key off then on. wait 15 seconds until this light starts to blink
4. with light flashing you can now enter the four digit code. Example: to code 6 turn key off on off on 6 times. Then leave key on until light comes on again. Now you can enter the second digit and so on. At the end of this leave the key on.
5. If code is accepted light will start to flash
6. With the key in the on position, push and hold each remote one at a time until the led's in the doors flash. You get one minute to tune the remotes. You must redo all the remotes.

KEY FOB PROGRAMMING

VW/AUDI/SEAT/SKODA

Remote Control Programming (1997 ON)

Procedure

1. Switch Ignition ON and leave the key in the ignition.
2. Mechanically lock the vehicle using the Drivers door using a second key.
3. Using the remote control press the Unlock button once, and the horn will sound once.
4. Wait 6 seconds and press the unlock button once to activate the coding procedure. The remote control will now be programmed.

NOTE : When performing programming on additional remotes the procedure is the same, except you press the unlock button 2, 3 or 4 times for the different remote.

For example : If programming 2 remotes press the unlock button twice with a 1 second interval between each press, repeat for 3 and 4 remotes.

5. Switch Ignition OFF.
6. Remove key from ignition and check for operation.
7. The coding procedure can be repeated up to 4 times for additional remotes.
8. The ignition must be switched OFF between programming each remote control.

Remote Control Erasing (1997 ON)

Procedure

1. Switch Ignition ON and leave the key in the ignition.
2. Mechanically lock the vehicle using the Drivers door using a second key.
3. Press the remote control unlock button 5 times in 1 second intervals. A short horn will sound.
4. Wait 6 seconds and press the unlock button once to activate memory erase.
5. Switch ignition OFF, all remotes are now erased.