Ssangyong

UNLOCKING TECHNOLOGY

SsangYong

ADVANCED DIAGNOSTICS

SSANGYONG

CONTENTS   PAGE

A   APPLICATIONS

B   DIAGNOSTIC SOCKETS/OBD PORTS

C   GENERAL OPERATION

D   SPECIAL FUNCTIONS

E   TIPS AND HINTS

F   REMOTE CONTROL PROGRAMMING

APPLICATIONS

SSANGYONG (ADS153)*

		🔑	📟	1234	📖1234	PRO		AD100
ACTYON	PETROL	✓	✋	✗	✗	ADC151	A	✗
ACTYON	DIESEL	✓	✋	✗	✗	ADC151	A	✗
ACTYON	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
KYRON	PETROL	✓	✋	✗	✗	ADC151	A	✗
KYRON	DIESEL	✓	✋	✗	✗	ADC151	A	✗
KYRON	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
MUSSO	PETROL	✓	✋	✗	✗	ADC151	A	✗
MUSSO	DIESEL	✓	✋	✗	✗	ADC151	A	✗
KORANDO (16 pin)	DIESEL	✓	✋	✗	✗	ADC151	A	✗
KORANDO (16 pin)	PETROL	✓	✋	✗	✗	ADC151	A	✗
CHAIRMAN	PETROL	✓	✋	✗	✗	ADC151	A	✗
STAVIC	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
STAVIC	PETROL	✓	✋	✗	✗	ADC151	A	✗
RODUS	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
RODUS	PETROL	✓	✋	✗	✗	ADC151	A	✗
REXTON	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
REXTON	PETROL	✓	✋	✗	✗	ADC151	A	✗
REXTON	DIESEL	✓	✋	✗	✗	ADC151	A	✗
REXTON 2	2.7 XDi DIESEL	✓	✋	✓	@	ADC151	A	✗
REXTON 2	PETROL	✓	✋	✗	✗	ADC151	A	✗
REXTON 2	DIESEL	✓	✋	✗	✗	ADC151	A	✗

* PRO ONLY

DIAGNOSTIC SOCKETS/PORTS

SSANGYONG

REXTON 1

RODIUS

ADVANCED DIAGNOSTICS

GENERAL OPERATION

The Immobiliser system fitted to Ssangyong vehicles operates with the ignition key.

The Ignition Key contains a transponder which when the ignition is turned ON the transponder crypto code is sent to the vehicle Engine Control Unit (ECU).

The key contains an integrated transponder which is electronically coded and is not visible inside the key.

The Immobiliser isolates the Fuel Injection control ECU if no valid keys are used.

There is an immobiliser LED indicator mounted near the clock in the centre of the vehicle console, and this displays the system status.

If the LED switches on for a brief moment, and then goes out this means the system is working correctly. If the LED starts to flash then it means there is a problem on the system.

SPECIAL FUNCTIONS

D

SSANGYONG—XDi

PROGRAM KEYS

VEHICLE SELECTION
+ SSANGYONG
+ SAAB
+ SUZUKI
+ SUBARU
+ TOYOTA
+ VOLKSWAGON

VEHICLE SELECTION
+ ACTYON
+ CHAIRMAN
+ KORANDO
+ KYRON
+ MUSSO
+ REXTON

VEHICLE SELECTION
+ PETROL
+ DIESEL
+ XDI

PRESS ENTER KEY

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

VIN : 12345678901234567

DIAGNOSTIC MENU
ECU IDENTIFICATION
SPECIAL FUNCTIONS

PRESS ENTER KEY

PROGRAM KEYS

DIAGNOSTIC MENU
SECURITY ACCESS
KEY INFORMATION
PROGRAM KEYS

PRESS ENTER KEY

WEB SECURITY

PLEASE WAIT

WWW.ADUSA.US

NOTE : SECURITY ACCESS IS REQUIRED BEFORE PROGRAMMING OR CHECKING THE NUMBER OF KEYS PROGRAMMED.

WEB SECURITY
PLEASE GAIN
AUTHORISATION
FROM AD

1732661063—1431840471

PRESS ENTER KEY

WEB SECURITY
_ _ _ _ _ _ _ _

1	2	3	4	5
6	7	8	9	0

NOTE : SECURITY ACCESS IS REQUIRED FROM THE AD WEB SITE TO PROCEED, PLEASE OBTAIN THE WEB SECURITY CODE FROM THE SSANGYONG CODED PAGE USING YOUR USERNAME AND PASSWORD PLUS THE TESTER UNIT AND PASSCODE.

PROGRAM KEYS

WEB SECURITY

1234567812345678

✗   ✓

WEB SECURITY

ACCESS GRANTED

PRESS ENTER KEY

DIAGNOSTIC MENU
SECURITY ACCESS
KEY INFORMATION
PROGRAM KEYS

PRESS ENTER KEY

PROGRAM KEYS
WARNING
ALL KEYS WILL
BE CLEARED
CONTINUE
YES=ENTER   NO = BACK

PROGRAM KEYS

PLEASE WAIT
CYCLE IGNITION

PROGRAM KEYS

KEY 1 COMPLETE

ENTER –PROG MORE KEYS
BACK TO EXIT

SPECIAL FUNCTIONS

SSANGYONG—XDi

PROGRAM KEYS

PROGRAM KEYS

INSERT NEXT KEY
TURN IGNITION ON

PRESS ENTER KEY

PROGRAM KEYS

KEY 2 COMPLETE

ENTER –PROG MORE KEYS
BACK TO EXIT

PROGRAM KEYS

PROCEDURE COMPLETE

DIAGNOSTIC MENU

SECURITY ACCESS
KEY INFORMATION
PROGRAM KEYS

PRESS ENTER KEY

KEY INFORMATION

1ST KEY	8E F0
2ND KEY	8E 23
3RD KEY	00 00
4TH KEY	00 00
5TH KEY	00 00
TORED KEYS 2	

NOTE : WAIT 1 MINUTE
BEFORE TESTING THE KEYS.

SPECIAL FUNCTIONS

D

SSANGYONG—DIESEL & PETROL

PROGRAM KEYS

VEHICLE SELECTION

+ SSANGYONG
+ **SAAB**
+ SUZUKI
+ SUBARU
+ TOYOTA
+ VOLKSWAGON

VEHICLE SELECTION

+ **ACTYON**
+ **CHAIRMAN**
+ **KORANDO**
+ **KYRON**
+ **MUSSO**
+ **REXTON**

VEHICLE SELECTION

+ **PETROL**
+ **DIESEL**
+ **XDI**

PRESS ENTER KEY

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

VIN : 12345678901234567

DIAGNOSTIC MENU

ECU IDENTIFICATION

SPECIAL FUNCTIONS

PRESS ENTER KEY

PROGRAM KEYS

DIAGNOSTIC MENU

PROGRAM KEYS

PRESS ENTER KEY

PROGRAM KEYS

WARNING

ALL KEYS WILL

BE CLEARED

CONTINUE

YES=ENTER   NO = BACK

PROGRAM KEYS

PLEASE WAIT

PROGRAM KEYS

PROCEDURE COMPLETE

ENTER –PROG MORE KEYS

BACK TO EXIT

PROGRAM KEYS

INSERT NEXT KEY

TURN IGNITION ON

PRESS ENTER KEY

PROGRAM KEYS

PROCEDURE COMPLETE

ENTER –PROG MORE KEYS

BACK TO EXIT

PROGRAM KEYS

PROGRAM KEYS

PROCEDURE COMPLETE

NOTE : WAIT 1 MINUTE
BEFORE TESTING THE KEYS.

GENERAL

1. After programming keys, switch off IGNITION and then wait for 1 minute before testing.
2. If checking to see if keys are working, an UNPROGRAMMED key will lock the system for 1 minute, even if you put a working key into the ignition. If this happens, switch ignition OFF and wait for 1 minute then start the vehicle with the working key.
3. The CLUTCH or GEAR CHANGE PEDAL must be depressed for the vehicle to crank and start.

REXTON 1

Re-synchronising
1. Hold both the LOCK and PANIC buttons together until the LED stops flashing.
2. Release both buttons together and the LED will now come on.
3. Press the LARGE button once and the LED will flash.
4. Press the LARGE button again, and the doors will LOCK and UNLOCK as normal.

COBRA ALARM SYSTEM PROGRAMMING

PREPARING REMOTE KEYS
1. Press and hold both remote control buttons until the LED on the remote control stops flashing (Approx 10 Secs).
2. Release both buttons on the remote and the LED will illuminate.
3. If the LED on the remote goes out by the time you want to program it, it has gone into battery save mode, so press the LARGE button to get the LED back on again, and proceed to programming.

ENTERING PIN CODE
1. Turn ignition ON and OFF three times within 7 seconds. The LED on the dashboard will stay ON.
2. When the LED goes out, switch ignition ON.
3. The LED will now start to flash.
4. Count the number of flashes that correspond to the first digit of the PIN code and when it gets to that number, turn ignition OFF.
5. Then turn ignition back ON and continue with next number in pin code.
6. Repeat for all digits of the Pin code.
7. If a touch key programmed into the alarm system you must touch this now onto the receptacle and the LED will illuminate, if no touch receptacle is fitted the LED will illuminate after the Pin code is inserted.

NOTE : Pin code is obtained from Ssangyong dealer.

PROGRAMMING REMOTE KEY
1. With the LED illuminated, press and hold the large button until the LED on the dashboard goes OFF and then comes back ON.
2. Repeat step 1 for all new remote keys. Switch ignition OFF.

PROGRAMMIN TOUCH KEYS
1. Enter PIN code as above.
2. When LED is ON touch the key onto the receptacle, all NEW and OLD keys.
3. Repeat step 2 for all new and old keys, then switch ignition OFF.

REXTON 270 & RODIUS

This procedure is if you have at least 1 working remote key.
Procedure
1. Disarm the alarm.
2. Open drivers door and bonnet.
3. Turn Ignition ON.
4. Press and hold the A button on the remote key, until the vehicle indicator lights flash once.
5. Enter the PIN code on the emergency override panel (Pin code can be obtained from dealer)
6. Vehicle indicators will turn ON for 2 seconds, and the LED will illuminate permanently.
7. Press and HOLD both buttons on the remote to be added until the LED on the handset extinguishes.
8. Release both buttons and the LED on the remote will illuminate.
9. Press button A on the remote that is being added, and the LED on the emergency override will go OFF for 1 second and the indicators will flash to confirm programming.
10. Repeat steps 7 to 9 for any additional remotes.
11. Once complete, after 30m seconds the indicators will flash one long flash.

This procedure is if NO working keys are available.
Procedure
1. Disarm the alarm by entering the PIN code on the emergency override panel.
2. Disconnect the power supply from the control unit.
3. Open the drivers door and bonnet.
4. Turn Ignition ON.
5. Reconnect the power supply to the control unit.
6. Enter the Pin code.
7. The system confirms the pin code with a long flash on the LED.
8. After 5 seconds the LED will illuminate to show the system is in auto learning procedure.
9. Press and HOLD both buttons on the remote to be added until the LED on the handset extinguishes.
10. Release both buttons and the LED on the remote will illuminate.
11. Press button A on the remote that is being added, and the LED on the emergency override will go OFF for 1 second and the indicators will flash to confirm programming.

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