ADVANCED DIAGNOSTICS

Unlocking Technology

Suzuki

(Version 2.9)

World Leaders In Automotive Key Programming Equipment

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CONTENTS

SUZUKI

		PAGE
A	APPLICATIONS	3
B	DIAGNOSTIC SOCKETS/OBD LOCATIONS	4
C	SPECIAL FUNCTIONS	
	SUZUKI KEY PROGRAMMING	5 -10
D	TIPS & HINTS	11 - 12
E	REMOTE CONTROL PROGRAMMING	13 - 14

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APPLICATIONS Have Moved to IQ - Online

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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/

Suzuki Software	
ADS109	Suzuki (Non CAN)
ADS163	Suzuki CAN / PROXIMITY
ADS192	Suzuki CAN 2012

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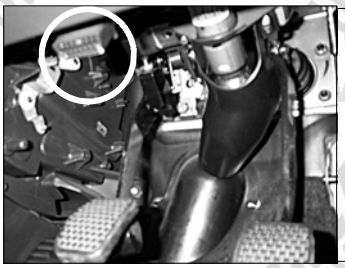
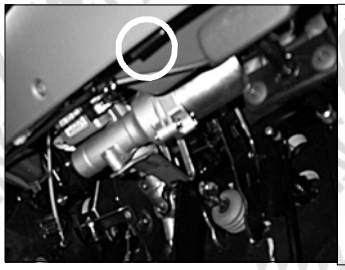


BALENO

IGNIS

JIMNY

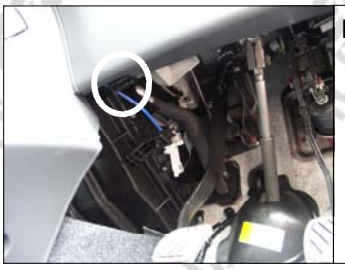
VITARA



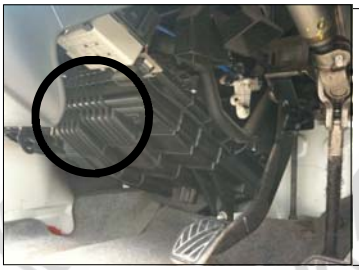
Wagon R

SWIFT

ALTO



NEW SWIFT



CARRY

SX4

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KEY PROGRAMMING

VEHICLE SELECTION

+ ALTO
+ BALENO
+ BALENO DHW
+ GRAND VITARA
+ GRAND VITARA XL-7
+ IGNIS

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

SUZUKI

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU

CLEAR KEYS
PROGRAM KEYS
> KEYS PROGRAMMED
RESET

PRESS ENTER KEY

SECURITY ACCESS

ACCESS GAINED

KEYS PROGRAMMED

KEYS PROGRAMMED: 2

PRESS ENTER KEY

DIAGNOSTIC MENU

> CLEAR KEYS
PROGRAM KEYS
KEYS PROGRAMMED
RESET

PRESS ENTER KEY

CLEAR KEYS ONLY NEEDS TO BE PERFORMED IF YOU WANT TO DELETE ALL EXISTING KEYS.

IF YOU ONLY WANT TO ADD A KEY THEN GO TO 'PROGRAM KEY' MENU SELECTION.

CLEAR KEYS

SWITCH IGNITION OFF

PRESS ENTER KEY

CLEAR KEYS

PLEASE WAIT
ELAPSED TIME: 02

CLEAR KEYS

PROCEDURE COMPLETE

SWITCH IGNITION OFF

DISCONNECT TESTER FROM VEHICLE

IMPORTANT

WHEN INSTRUCTED ENSURE THE TESTER IS TURNED OFF AND DISCONNECTED FROM THE VEHICLE

EACH KEY NEEDS TO BE PROGRAMMED INDIVIDUALLY. THIS PROCEDURE NEEDS TO BE REPEATED FOR EACH KEY. AFTER ALL KEYS PROGRAMMED, SWITCH IGNITION OFF, DISCONNNECT TESTER AND CYCLE ALL KEYS (DO NOT START ENGINE)

MAX 4 KEYS

DIAGNOSTIC MENU

CLEAR KEYS
PROGRAM KEYS
> KEYS PROGRAMMED
RESET

PRESS ENTER KEY

SECURITY ACCESS

ACCESS GAINED

PROGRAM KEYS

PLEASE WAIT
02

PROGRAM KEYS

PROCEDURE COMPLETE

SWITCH IGNITION OFF

DISCONNECT TESTER FROM VEHICLE

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RESET

ON CERTAIN VEHICLES IF THE BATTERY HAS BEEN DISCONNECTED OR GONE FLAT THE KEYS WILL NOT WORK or THE IMMO LIGHT IS FLASHING AFTER KEY PROGRAMMING THEN USE THE RESET FUNCTION.

DIAGNOSTIC MENU

CLEAR KEYS
PROGRAM KEYS
KEYS PROGRAMMED
> **RESET**

PRESS ENTER KEY

RESET

DATE RECORDED

PRESS ENTER KEY

RESET

PROCEDURE COMPLETE

PRESS ENTER KEY

REMOTE PROGRAMMING

PROGRAMMING REMOTES IS A MANUAL PROCEDURE.

PLEASE REFER TO REMOTE PROGRAMMING SECTION

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SUZUKI CAN / PROX

KEY PROGRAMMING

VEHICLE SELECTION

+ IGNIS
+ JIMNY
+ LIANA
+ SAMURAI
+ SWIFT
+ VITARA

VEHICLE SELECTION

> 2005
2005 >
2008 PROXIMITY
XL7

REMOVE MECHANICAL KEY FROM FOB.
INSERT THE MECHANICAL KEY AND TURN ON WHEN INSTRUCTED.

SWITCH IGNITION ON

PRESS ENTER KEY

ECU IDENTIFICATION

SUZUKI SWIFT

PRESS ENTER KEY

DIAGNOSTIC MENU

DIAGNOSTIC MENU

> KEYS STORED
PROGRAM KEYS

KEYS PROGRAMMED

KEYS STORED: 03

PRESS ENTER KEY

DIAGNOSTIC MENU

KEYS STORED
> PROGRAM KEYS

CLEAR KEYS

ALL KEYS WILL BE CLEARED

CONTINUE

YES= ENTER NO=BACK

PROGRAM KEYS

PLEASE ENSURE
IGNITION ON
WITH VALID KEY

PRESS ENTER KEY

PROGRAM KEYS

CLEAR KEYS
SUCCESS

PRESS ENTER KEY

ENTER MONTH

– –

1	2	3	4	5
6	7	8	9	0

WEB SECURITY

0 8

✘ ✓

ENTER YEAR

– –

1	2	3	4	5
6	7	8	9	0

WEB SECURITY

2 0 0 8

✘ ✓

PROGRAM KEYS

PLEASE WAIT
02

PROGRAM KEYS

PLEASE WAIT
10

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SUZUKI CAN/PROX

KEY PROGRAMMING

PROGRAM KEYS

KEY PROGRAMMED

PROGRAM

NEXT KEY

YES= ENTER NO=BACK

PRESS ENTER KEY

REPEAT THE PROCEDURE FOR PROGRAMMING MORE KEYS. REMOVE KEY FROM IGNITION. INSERT THE NEXT MECHANICAL KEY AND TURN ON WHEN INSTRUCTED.

MAX 4 KEYS

PROGRAM KEYS

TURN IGNITION ON

WITH NEXT KEY

AND PRESS ENTER

PROGRAM KEYS

PLEASE WAIT

02

PROGRAM KEYS

PLEASE WAIT

10

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM KEYS

KEY PROGRAMMED

PROGRAM

NEXT KEY

YES= ENTER NO=BACK

PRESS ENTER KEY

REMOTE PROGRAMMING

PROGRAMMING REMOTES IS A MANUAL PROCEDURE.

PLEASE REFER TO REMOTE PROGRAMMING SECTION

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ERASE KEYS

VEHICLE SELECTION

SAAB
SAMSUNG
SEAT
SKODA
SMART
SUZUKI

PLEASE WAIT

TRYING TO COMMUNICATE

SECURITY CODE

D4BE

✗ ✓

VEHICLE SELECTION

+ AUS
+ CANADA
+ EURO
+ S.AMERICA
+ ISRAEL
+ INDIA

ID CODE READING

997E 466D 3E63 204B 0A6F

PRESS ENTER KEY

ERASE KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

VEHICLE SELECTION

+ GRAND VITARA
+ SX4
+ SWIFT

At this point—you will need to give the above code to the dealer or distributor to obtain the four digit pin code to program keys.

Or Use AD600 software.

ERASE KEYS

PLEASE WAIT

******

VEHICLE SELECTION

PETROL
DIESEL

DIAGNOSTIC MENU

ID CODE READING
>SPECIAL FUNCTIONS

ERASE KEYS

KEYS PROGRAMMED: 0

SWITCH IGNIOTION OFF

PROCEDURE COMPLETE

PRESS ENTER KEY

SMARTCARD AND CALCULATOR SCREEN WILL APPEAR—INPUT SECURITY DETAILS.

DIAGNOSTIC MENU

ADD KEYS
> ERASE KEYS

AFTER PRESSING ENTER THE AD100PRO WILL GO BACK TO THE DIAGNOSTIC MENU

TO ADD KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

SECURTY CODE

D4BE

1	2	3	4	5
6	7	8	9	0

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PROGRAM KEYS

VEHICLE SELECTION

SAAB
SAMSUNG
SEAT
SKODA
SMART
SUZUKI

VEHICLE SELECTION

\+ AUS
\+ CANADA
\+ EURO
\+ S.AMERICA
\+ ISRAEL
+ INDIA

VEHICLE SELECTION

\+ GRAND VITARA
+ SX4
\+ SWIFT

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU

.>ADD KEYS
ERASE KEYS

SECURTY CODE

D4BE

1	2	3	4	5
6	7	8	9	0

SECURITY CODE

D4BE

✗ ✓

PROGRAM KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

PROGRAM KEYS

PLEASE WAIT

****

PROGRAM KEYS

DO YOU WANT TO PROGRAM MORE KEYS

✗ ✓

PROGRAM KEYS

PLEASE WAIT

****

PROGRAM KEYS

DO YOU WANT TO PROGRAM MORE KEYS

✗ ✓

PROGRAM KEYS

PLEASE WAIT

****

PROGRAM KEYS

REMOVE KEY
INSERT NEXT KEY
SWITCH IGNITION ON

PRESS ENTER KEY

PROGRAM KEYS

PLEASE WAIT

****

PROGRAM KEYS

KEYS PROGRAMMED: 2
SWITCH IGNIOTION OFF
PROCEDURE COMPLETE

PRESS ENTER KEY

TO ADD MORE KEYS - REPEAT THIS PROCEDURE

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SUZUKI (NON CAN)

1. Up to 5 keys can be "registered"

2. You will receive the "fail" message if you try to program an existing key that is already stored within the Immobiliser control unit.

3. The immobiliser control unit is located around the key barrel and uses 2 fused feeds, one directly from the fuse box and one indirectly from the engine control unit.

4. Communication is on pins 7 (blue) and 9 (Yellow) of the diagnostic socket (engine and immobiliser)

5. There are two earth points for the immobiliser circuit (pin 4 of the immobiliser control unit, splits into two wires) and they are on the steering column support and in the O/S kick panel.

6. If your get an ERROR message during programming, this can be caused by the number of keys already programmed being the maximum allowed (5 is maximum). Clear the existing keys before programming the new keys will overcome this.

SUZUKI CAN / PROX

1. Up to 4 keys can be "registered"
2. The remotes need to be programmed manually.
3. At the end of the procedure start the vehicles using the actual key to complete the programming procedure

SUZUKI SX4

If remote controller or keyless start control module is replaced with a new one or additional remote controller is necessary, register ID code(s) of remote controller.

1) Sit in driver seat and close all doors.
2) Check that door lock of driver seat is unlocked.
3) Insert ignition key (1) into ignition key cylinder.
4) Perform Steps (a) through (f) described blow within 25 seconds after Step (3).

a) First push manual door lock switch toward lock side and then push it toward unlock side.

b) Repeat Step a) 2 more times.

c) Push lock side of manual door lock switch.

d) Remove ignition key from ignition key cylinder once and then insert it again.

e) Repeat Step d) 3 more times.

f) Start engine and wait for 3 seconds.

5) Turn ignition switch to OFF position.
When ignition switch is turned to OFF position, buzzer sounds twice and door lock is activated from lock position to unlock position. This operation indicates that keyless start control module has entered registration mode.

6) Push lock or unlock button of remote controller within 30 seconds after Step 5) to be registered.

When lock or unlock button of remote controller is pushed, buzzer sounds twice, door lock is activated to lock position and then to unlock position. This operation indicates that remote controller ID code has been registered in keyless start control module. If an additional remote controller needs to be registered, repeat the procedure of Step 6) within 30 seconds after Step 5).

7) To end registration mode, remove ignition key from ignition key cylinder or turn it to ON position.
In case of vehicle equipped with immobilizer control system, if engine start function of keyless start system does not work after registration, check ECM if DTC P1615 is detected. If it is detected, go to DTC P1615: Steering Lock Unit Communication Error. If it is not detected, perform registration procedure again.

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PRECAUTIONS

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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.

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SUZUKI (NON CAN)

VITARA

Procedure
1. Switch ignition OFF and close all doors.
2. Open drivers door and switch ignition on
3. Switch ignition OFF
4. Press and release drivers door ajar switch 3 times
5. Switch ignition ON and then OFF
6. Press and hold each button of the remote in turn for 5 seconds each
7. Central locking should activate
8. Press remote control lock button
9. Maximum of 2 remotes possible

AERIO
GRAND VITARA
XL-7

If a remote or BCM (included in junction block assembly) is replaced with a new one or additional remote(s) is necessary, program remote code(s).

Procedure
1. Confirm that all doors are closed and ignition key is out of ignition key cylinder.

2. Open driver side door.

3. Turn ignition switch to ON position, and then remove ignition key from ignition key cylinder within 10 seconds after that.

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4. Push and release driver side door switch (1) at 3 times by hand within 20 seconds after removing ignition key from ignition key cylinder.

5. Turn ignition switch to ON position, and then drawn ignition key from ignition key cylinder within 10 seconds after that. All doors automatically lock and unlock once. With this, registration mode.

6. Push “UNLOCK” button (2) on transmitter (3) within 20 seconds after Step 5. All doors automatically lock and unlock once. With this, code registration is completed.

7. If an additional transmitter, needs to be programmed repeat the procedure of Step 1.

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IGNIS

Procedure

1. Confirm that IG switch is OFF position.
2. Remove DOOR LOCK fuse and install it again.
3. Press the button on the remote one time toward the receiver within 30 sec
4. If two transmitters are registered, repeat step 1) to 3) with other remotes

Notes: a. Two transmitter codes can be registered.
b. When a 3rd/new remote is registered, the oldest one will be cleared.

SUZUKI Can / PROX

SWIFT (RS413 and RS415)

Procedure

1 Sit in driver's seat, close all doors, all doors unlocked.
2 Insert ignition key (emergency blade) into ignition
3 Press door locking switch (in the driver's door panel) to lock
4 Press door locking switch (in the driver's door panel) to unlock
5 Press door locking switch (in the driver's door panel) to lock
6 Press door locking switch (in the driver's door panel) to unlock
7 Press door locking switch (in the driver's door panel) to lock
8 Press door locking switch (in the driver's door panel) to unlock
9 Press door locking switch (in the driver's door panel) to lock
10 Remove the key from ignition
11 Insert key in ignition
12 Remove the key from ignition
13 Insert key in ignition
14 Remove the key from ignition
15 Insert key in ignition
16 Remove the key from ignition
17 Insert key in ignition
18 Start engine and wait for 3 seconds
19 Turn the ignition OFF
20 Buzzer sounds and door locks are activated
21 Press a button on the remote - a buzzer will sound and the doors will lock and unlock
22 Doors will lock and unlock
23 Turn ignition ON

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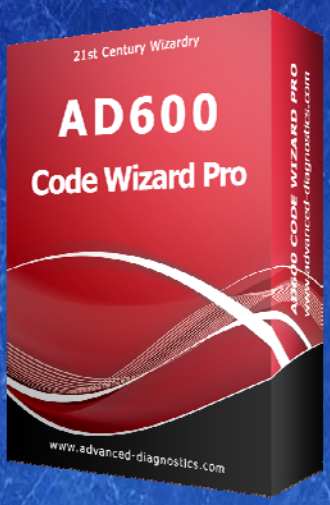
AD900Pro
Transponder Cloning

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.