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PROTON

CONTENTS

VEHICLE	YEAR	KEY PROG	TYPE	CABLE
ISWARA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
PUTRA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
PERDANA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
WAJA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
JUMPUCK GLSi	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
JUMBUCK GLi	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
SATRIA GTi	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
SATRIA XLs	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
SATRIA GLi	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
PERSONA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
GEN 2	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
WIRA	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
SATRIA SPORT	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129
IMPIAN	ALL	Y	TYPE 1,2 or 3	ADC110-B-B or ADC129

GENERAL OPERATION

INTRODUCTION

There are 3 different immobiliser systems fitted to the Proton vehicle range as follows : -

NOTE : Always make sure that you are fully aware of the difference between Type 2 BLUE keys and Type 3 BLUE keys before programming.

NOTE : When programming Impian keys, the alarm will need programming as well, details below.

IMPIAN/JUMBUCK Alarm Fob reprogramming

1. Alarm system must be disarmed before procedure using the reset switch or ignition key.
2. Turn ignition ON and PRESS & HOLD the alarm reset switch.
3. Turn ignition OFF and remove the key from ignition.
4. Turn ignition ON.
5. Release the ALARM switch, and press ONCE.
6. The alarm LED should flash 2 times during coding.
7. With ignition ON press the LOCK button on the alarm remote control.
8. The alarm should beep once if programmed.
9. Repeat for additional remote controls.
10. Switch ignition OFF.

NOTE : All existing remote controls will be erased.

FUNCTIONS AVAILABLE

ECU IDENTIFICATION
FAULT CODE READING
FAULT CODE CLEARING
PROGRAM KEYS

SPECIAL FUNCTIONS

KEY PROGRAMMING—TYPE 1 & TYPE 2

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

From the main DIAGNOSTIC MENU select the SPECIAL FUNCTIONS.

DIAGNOSTIC MENU

> PROGRAM KEYS

PRESS ENTER KEY

Select PROGRAM KEYS.

NOTE : If the system has been accessed incorrectly by another piece of equipment then a security wait time of 16 minutes is required before attempting to program keys.

BACK TO EXIT

**ENTER TO
PROGRAM NEXT KEY**

If further keys are required then press the **ENTER** key.

Repeat this procedure for all additional keys.

**INSERT NEXT KEY
SWITCH IGNITION ON
AND PRESS ENTER
WITHIN 5 SECONDS**

NOTE : ALL existing keys are erased when programming is completed. Ensure all keys are with the vehicle before programming.

KEY PROGRAMMING— TYPE 3

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

From the main DIAGNOSTIC MENU select the SPECIAL FUNCTIONS.

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ADVANCED
DIAGNOSTICS

SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> **PROGRAM KEYS**

PRESS ENTER KEY

Select PROGRAM KEYS.

BACK TO EXIT

**ENTER TO
PROGRAM NEXT KEY**

If further keys are required then press the **ENTER** key.

**REMOVE KEY FROM
IGNITION**

**INSERT NEXT KEY
PRESS ENTER**

IF **ENTER** IS PRESSED THEN THIS SCREEN WILL APPEAR.

Repeat this procedure for all additional keys.

PROGRAM KEYS

PROCEDURE COMPLETE

PRESS ENTER

IF **BACK** IS PRESSED THEN THIS SCREEN WILL APPEAR

KEY PROGRAMMING—STEP 1 SYSTEM

The following procedure is for systems which do not have diagnostic key programming :-

Procedure

1. Remove the steering column cowling and take the transponder aerial off of the ignition barrel

2. Use an un-programmed key to turn the ignition **on**, the LED will flash constantly or be on all the time (depending on model)

3. Turn the ignition **off**, the light will go out for 5 seconds and then flash or be on all the time (depending on model)

4. Turn the ignition **on**, the light will go out for 5 seconds and then flash or be on all the time (depending on model)

5. Using a key that is already programmed (or a chip from the VTI kit supplied with a new immobiliser), hold it inside the aerial loop until the LED goes out.

6. Turn the ignition **off** and remove all keys/transponders from the aerial loop, the LED will now flash or be on all the time (depending on model)

7. Re-introduce the pre-programmed key or transponder to the aerial loop, the LED will go out to indicate this key/transponder is now programmed

8. The LED will again begin to flash/light up constantly to indicate further programming is possible. Insert the next key/transponder into the aerial loop and wait for the LED to go out. Remove the key/transponder from the aerial loop.

9. Repeat the above step for all keys/transponders

10. Exit the programming function by turning the ignition **on** and then **off**, the immobiliser will then be armed for normal use