

# X100PRO Key Programming Vehicle List

X100Pro is a handheld device for:

- [programming keys](#)
- Mileage Reset
- Oil Reset
- Low Rire Reset
- Throttle position match
- Electrical Park Brake

**This scan tool has a simple and robust design, to make your vehicle service experience much easier!**

**X100Pro Key Programming Features:**

- \* New keys programming
- \* Reads keys from immobilizer's memory
- \* New immobilizer programming
- \* New ECU programming
- \* New mechanical key number programming
- \* Vehicle Identification Number programming
- \* Reset ECM & reset immobilizer
- \* Easy to operate by the guided menu programming
- \* New remote controller programming
- \* With full and strong database for the most important vehicle makes
- \* Upgradeable via web-based download over standard USB cable

**X100Pro supports the following models for Key Programming:**

**America Vehicles:**

[CHRYSLER](#)    [FORD](#)    [GM](#)    [LINCOLN](#)

**Europe Vehicles:**

[Audi](#)    [CITROEN](#)    [JAGUAR](#)    [LANDROVER](#)    [OPEL](#)    [PEUGEOT](#)    [PORSCH](#)  
[RENAULT](#)    [SEAT](#)    [SKODA](#)    [Smart](#)    [VW](#)

## Asia Vehicles:

[ACURA](#) [HONDA](#) [HYUNDAI](#) [INFINITI](#) [KIA](#) [LEXUS](#) [MAZDA](#)  
[MITSUBISHI](#) [NISSAN](#) [PROTON](#) [SSANGYONG](#) [SSUBARU](#) [SUZUKI](#)  
[TOYOTA](#)

## China Vehicles:

[BAIC](#) [BESTURN](#) [BRILLIANCE](#) [BYD](#) [CHANGAN](#) [CHANGHE](#) [CHERY](#)  
[DFLZ](#) [DFPV](#) [GEELY](#) [GREATWALL](#) [HAFEI](#) [HAIMA](#) [HAWTAI MOTOR](#)  
[HONGQI](#) [HUAPU](#) [JAC](#) [JIANGLIN](#) [LIEBAO](#) [LIFAN](#) [MG](#) [ROEWE](#)  
[SAIC ENGLANG](#) [YOUNGLOTUS](#) [ZZMAZDA](#) [ZZNISSAN](#)

## X100Pro Key Programming Vehicles List:

### CHRYSLER V21.15

Read security code

Type 1

Type 2

Immobiliser

Chrysler

Aspen 07-08

Live data

Program old keys

Program new keys

Erase keys

PT Cruise 06-08

Live data

Program old keys

Program new keys

Erase keys

Sebring C 08

Live data

Program old keys

Program new keys

Erase keys

Sebring 07-08

Live data

Program old keys

Program new keys

Erase keys

New Sebring

Live data

Program old keys

Program new keys

Erase keys

300C

05-06

Number of keys

Program old keys  
Program new keys  
Erase keys  
Program remote

07-08

Live data  
Program old keys  
Program new keys  
Erase keys

08

Live data  
Program old keys  
Program new keys  
Erase keys

Other model

Program keys  
Erase keys

Jeep

Compass 07-

Live data  
Program old keys  
Program new keys  
Erase keys

Commander

06-07

Live data  
Program old keys  
Program new keys  
Erase keys

08

Live data  
Program old keys  
Program new keys  
Erase keys

G.cheroke

05-06

Number of keys  
Program old keys  
Program new keys  
Erase keys  
Program remote

07-08

Live data  
Program old keys  
Program new keys  
Erase keys

08

Live data  
Program old keys  
Program new keys

Erase keys

Liberty 08

Live data  
Program old keys  
Program new keys  
Erase keys

Patriot 07-08

Live data  
Program old keys  
Program new keys  
Erase keys

Wrangl.R 07-08

Live data  
Program old keys  
Program new keys  
Erase keys

Wrangl.U 07-08

Live data  
Program old keys  
Program new keys  
Erase keys

Other model

Program keys  
Erase keys

Dodge

Avenger 08-10

Live data  
Program old keys  
Program new keys  
Erase keys

Caliber 07-10

Live data  
Program old keys  
Program new keys  
Erase keys

Caravan 08-10

Live data  
Program old keys  
Program new keys  
Erase keys

Charger

05-06

Number of keys  
Program old keys  
Program new keys  
Erase keys  
Program remote

06-08

Live data  
Program old keys

Program new keys  
Erase keys

08-08

Live data  
Program old keys  
Program new keys  
Erase keys

Dakota

05-06

Number of keys  
Program old keys  
Program new keys  
Erase keys  
Program remote

07-08

Live data  
Program old keys  
Program new keys  
Erase keys

Durango

04-06

Number of keys  
Program old keys  
Program new keys  
Erase keys  
Program remote

07-08

Live data  
Program old keys  
Program new keys  
Erase keys

Journey 08-10

Live data  
Program old keys  
Program new keys  
Erase keys

Magnum

05-06

Number of keys  
Program old keys  
Program new keys  
Erase keys  
Program remote

07-08

Live data  
Program old keys  
Program new keys  
Erase keys

08-08

Live data

Program old keys  
Program new keys  
Erase keys

Nitro 07-10

Live data  
Program old keys  
Program new keys  
Erase keys

Ram truck 06-08

Live data  
Program old keys  
Program new keys  
Erase keys

Ram 06-08

Live data  
Program old keys  
Program new keys  
Erase keys

Other model

Program keys  
Erase keys

Remote

Type 1

Program remote

Position 1  
Position 2  
Position 3  
Position 4

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FORD V21.10

China Ford

Immobiliser

Focus

Type 1 (No need pincode)

All keys lost  
Program keys  
Program immobiliser and engine ECU

Type 2

Need pincode

Program keys  
All keys lost

No need pincode

Program keys  
All keys lost

Type 3(2011-)

Program keys  
Erase keys

Type 4(2014-)

Program keys

Erase keys  
All keys lost

Fiesta

-2013

Need pincode

Program keys

Erase keys

No need pincode

Program keys

Erase keys

2013-

Program keys

Erase keys

All keys lost

Mondeo

Need pincode

Program keys

Erase keys

All keys lost

No need pincode

Program keys

Erase keys

All keys lost

S-MAX

Need pincode

Program keys

Erase keys

All keys lost

No need pincode

Program keys

Erase keys

All keys lost

Transit

Need pincode

Live data

Program keys

All keys lost

No need pincode

Live data

Program keys

All keys lost

Ecosport

Program keys

Erase keys

All keys lost

Escape

Program keys

Erase keys

All keys lost

Smart key system

Mondeo

Need pincode

All smart keys lost  
Program smart keys

No need pincode

All smart keys lost  
Program smart keys

USA Ford (No need pincode)

Immobiliser

Edge

Number of keys  
Erase keys  
Program keys

Expedition

Type 1

All keys lost

Type 2

Number of keys  
Erase keys  
Program keys

F-150

Type 1

All keys lost

Type 2

Erase keys  
Program keys

F-250

Type 1

All keys lost

Type 2

Erase keys  
Program keys

F-350 SD

All keys lost

Mustang

2011-2014

Smart key system

Ecosport

Need pincode

All smart keys lost  
Program smart keys

No need pincode

All smart keys lost  
Program smart keys

Edge

Erase smart keys  
Program smart keys

Explorer 11-

Erase smart keys  
Program smart keys



Flex 13-

Erase smart keys  
Program smart keys

Taurus 10-

Erase smart keys  
Program smart keys

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GM V23.90

Read security code

Switch ignition on

Read security code

BUICK

Excelle XT

CADILLAC

SRX

CHEVROLET

Cruze

Immo/Remote

BUICK

Allure

Immobiliser 05-08

All keys lost

Century

Remote

Fault codes

Current DTC

History DTC

Erase DTC

Data list

Module information

Data

Input

Output

Security data

Special functions

Output control

Driver door unlocking output

Door locking output

Door unlocking output

Alarm device slow

Alarm device medium speed

Alarm device fast

Speaker output

Theater-style dimming # 1

Theater-style dimming # 2

Accessory power delay: RAP output

Energy-saving output

Power supply mode

RFA connected output

Setting option

Domestic mode

- Canada mode
- Taiwan mode
- Middle east mode
- Japan mode
- Europe mode
- China (mainland) mode

- Remote test

- New VIN
- Program remote
- Reprogram BCM(Program airbag)

Excella

-2012

Immobiliser

- Program
- Key diagnosis
- Change neutral mode

Remote

2004-

- Live data
  - Remote information
  - Switch input
- Program remote
  - 1
  - 2
  - 3
  - 4

-2004

- Live data
  - Remote information
- Program remote
  - 1
  - 2
  - 3
  - 4

2013-

Immobiliser

- Number of keys
- Add a key
- Erase keys

Remote

- Number of remotes
- Program remotes

Excella GT

With smart

- All smart keys lost
- Erase DTC
- Live data

Without smart

- All keys lost
- Erase DTC

Live data

**Excele XT**

With smart

All smart keys lost

Erase DTC

Live data

Without smart

All keys lost

Erase DTC

Live data

**Enclave**

Immobiliser

All keys lost

Remote

Program remote

Erase remote

**Encore**

With smart

All smart keys lost

Erase DTC

Live data

Without smart

All keys lost

Erase DTC

Live data

**GL8**

Type 1

Remote

Type 2

With smart

All smart keys lost

Erase DTC

Live data

Without smart

All keys lost

Erase DTC

Live data

**Lacrosse**

Type 1

Remote

Type 2

With smart

All smart keys lost

Erase DTC

Live data

Without smart

All keys lost

Erase DTC

Live data

**Lucerne**

Immobiliser 06-09

All keys lost

Park Avenue

Immobiliser

All keys lost

Remote

Program remote

Erase remote

Regal

Type 1

Remote

Fault codes

Current DTC

History DTC

Erase DTC

Data list

Module information

Data

Input

Output

Security data

Special functions

Output control

Driver door unlocking output

Door locking output

Door unlocking output

Alarm device slow

Alarm device medium speed

Alarm device fast

Speaker output

Theater-style dimming # 1

Theater-style dimming # 2

Accessory power delay: RAP output

Energy-saving output

Power supply mode

RFA connected output

Setting option

Domestic mode

Canada mode

Taiwan mode

Middle east mode

Japan mode

Europe mode

China (mainland) mode

Remote test

New VIN

Program remote

Reprogram BCM(Program airbag)

Type 2

With smart

All smart keys lost  
Erase DTC  
Live data

Without smart

All keys lost  
Erase DTC  
Live data

Sail

Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
Input security code  
Program function  
Program keys  
Erase keys

Terraza

Immobiliser 05-07

All keys lost

CADILLAC  
ATS

Immobiliser

With smart

All smart keys lost  
Erase DTC  
Live data

Without smart

All keys lost  
Erase DTC  
Live data

CTS

Immobiliser 08-10

All keys lost

Remote 06-

DTS

Immobiliser 08-10

All keys lost

Escalade

Immobiliser

All keys lost

Remote

Program remote  
Erase remote

SLS

Immobiliser

All keys lost

SRX

Immobiliser 04-09

All keys lost  
Immobiliser 10-12  
With smart  
All smart keys lost  
Erase DTC  
Live data  
Without smart  
All keys lost  
Erase DTC  
Live data

XTS

Immobiliser  
With smart  
All smart keys lost  
Erase DTC  
Live data  
Without smart  
All keys lost  
Erase DTC  
Live data

CHEVROLET

Aveo

With smart  
All smart keys lost  
Erase DTC  
Live data  
Without smart  
All keys lost  
Erase DTC  
Live data

Captiva

Immobiliser  
All keys lost  
Remote  
Program remote  
Erase remote

Cruze

With smart  
All smart keys lost  
Erase DTC  
Live data  
Without smart  
All keys lost  
Erase DTC  
Live data

Epica

-2012

Immobiliser  
All keys lost

2013-

Immobiliser

Number of keys  
Add a key  
Erase keys

Remote

Number of remotes  
Program remotes  
4

Lova

Immobiliser

Program  
Key diagnosis  
Change neutral mode

Remote

Live data  
Remote information  
Switch input  
Program remote  
1  
2  
3  
4

Trax

With smart

All smart keys lost  
Erase DTC  
Live data

Without smart

All keys lost  
Erase DTC  
Live data

GMC

Acadia 07-10

Immobiliser

All keys lost

Savana 08-09

Immobiliser

All keys lost

Sierra 07-09

Immobiliser

All keys lost

Yukon 07-09

Immobiliser

All keys lost

HUMMER

H2

Immobiliser

All keys lost

Remote

Program remote

## Erase remote

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### LINCOLN V19.22

#### Smart key system

##### MKS

Erase smart keys  
Program smart keys

##### MKX

Erase smart keys  
Program smart keys

##### MKT

Erase smart keys  
Program smart keys

#### Immobiliser

##### MKX 07-

All keys lost

##### MKZ 07-09

All keys lost

##### Mark LT

###### 05-07

All keys lost

###### 08-09

All keys lost

##### Town car 05-10

All keys lost

##### Zephyr 07-

All keys lost

##### Navigator

###### 05-06

All keys lost

###### 07-08

All keys lost

###### 09-

All keys lost

#### Remote

##### Navigator

###### Program remote

Position 1

Position 2

Position 3

Position 4

###### Erase remote

Position 1

Position 2

Position 3

Position 4

All position

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### Audi V18.37

#### Diagnostic function

##### 01 Engine



09 Central control  
17 Dashboard  
25 Immobiliser  
35 Central lock  
46 Central comfort module

Read security code

17 Dashboard  
    Auto  
    Manual  
25 Immobiliser  
    Auto  
    Manual  
01 Engine  
    Auto  
    Manual

Program keys

17 Dashboard  
25 Immobiliser

Program remote

35 Central lock(KWP1281)  
    Program remote  
46 Central comfort module(KWP1281)  
    Program remote  
    Erase remote

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CITROEN V18.77

Immobiliser

C2

Type 1  
    Program keys  
Type 2  
    Program keys

C3

Program keys

C4

Program keys

C5

Program keys

C6

Program keys

C8

Program keys

Elysee

Program keys  
Program decoder  
Program engine ECU  
Program keys and engine ECU  
Configuration

Picasso

Program keys

Thiomphe

Program keys

**C-CROSSER**

Live data

Program immobiliser keys

Program remote keys

**C-Quatre**

Program keys

**Replace engine ECU**

M745

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**JAGUAR V18.20**

**XF smart key**

-2012

Add a smart key

Clear smart keys

2012-

Add a smart key

Clear smart keys

**XJ smart key**

-2012

Add smart key

Clear smart key

Restore smart key

2012-

Add smart key

Clear smart key

Restore smart key

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**LANDROVER V19.30**

**Freelander**

Program remotes

**Freelander 2**

-2012

Smart key system

Key information

Erase DTC

Add old smart keys

Add new smart keys

2012-

Add smart key

Clear smart key

Restore smart key

**Range rover**

**Range rover (Sport)(2005-2009)**

Program keys

**Range rover (2006-2009)**

Program keys

**Range rover (2010-)**

2010-2012

Add smart key

Clear smart key  
Restore smart key

2012-

Add smart key  
Clear smart key  
Restore smart key

Range rover (Evoque)  
-2012

Add smart key  
Clear smart key  
Restore smart key

2012-

Add smart key  
Clear smart key  
Restore smart key

Discovery

Discovery 3

Program keys

Discovery 4

-2012

Add smart key  
Clear smart key  
Restore smart key

2012-

Add smart key  
Clear smart key  
Restore smart key

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OPEL V18.50

Read security code

Switch ignition on  
Read security code  
Type 1

Immobiliser

Select from vehicle

Agila 00-08

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
Input security code  
Program function  
Program keys  
Erase keys

Astra 95-04

ECU identification  
Fault codes  
Erase DTC  
Live data

Input security code  
Input security code  
Program function  
Program keys  
Erase keys

**Astra**

Erase keys  
Program keys

**Calibra 95-98**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
Input security code  
Program function  
Program keys  
Erase keys

**Combo 98-**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
Input security code  
Program function  
Program keys  
Erase keys

**Corsa 95-06**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
Input security code  
Program function  
Program keys  
Erase keys

**Insignia**

**With smart**

All smart keys lost  
Erase DTC  
Live data

**Without smart**

All keys lost  
Erase DTC  
Live data

**Meriva 02-**

ECU identification  
Fault codes

Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Movano 98-01**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Omega**

Type 1

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

Type 2

ECU identification  
Program keys  
Erase keys

**Sintra 97-98**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Tigra 95-02**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function

Program keys  
Erase keys

**Vectra 95-02**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Zafira 99-05**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Select from type**

**Type 1**

**With smart**

All smart keys lost  
Erase DTC  
Live data

**Without smart**

All keys lost  
Erase DTC  
Live data

**Type 2**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Input security code  
    Input security code  
Program function  
    Program keys  
    Erase keys

**Type 3**

ECU identification  
Program keys  
Erase keys

**Type 4**

Erase keys  
Program keys

**Remote**

Astra-H

Erase remote keys  
Program remote key

Corsa-D

Erase remote keys  
Program remote key

Zafira-B

Erase remote keys  
Program remote key

Vectra-C/Signum

Erase remote keys  
Program remote key

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PEUGEOT V18.86

Immobiliser

206

Program keys

207

Type 1

Program keys

Type 2

Program keys

3008

Program keys

307

Type 1

Program keys

Type 2

Program keys

308

Program keys

4007

Live data  
Program immobiliser keys  
Program remote keys

407

Program keys

408

Program keys

508

All keys lost

807

Program keys

Smart key system

508

All smart keys lost

Replace engine ECU

M745

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PORSCHE V18.23

## Cayenne

### Type 1

#### Engine system

- Fault codes
- Erase DTC

#### Immobiliser

- Fault codes
- Erase DTC
- Program function
- Program keys

### Type 2

#### Immobiliser

- Read security code
- Program keys

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## RENAULT V18.02

### Smart key system

- Program smart keys

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## SEAT V18.31

### Diagnostic function

- 01 Engine
- 09 Central control
- 17 Dashboard
- 25 Immobiliser
- 35 Central lock
- 46 Central comfort module

### Read security code

- 17 Dashboard
  - Auto
  - Manual
- 25 Immobiliser
  - Auto
  - Manual
- 01 Engine
  - Auto
  - Manual

### Program keys

- 17 Dashboard
- 25 Immobiliser
  - Jetta(2010-)

### Program remote

- 46 Central comfort module(KWP1281)
- 46 Central comfort module(CANBUS)

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## SKODA V18.31

### Diagnostic function

- 01 Engine
- 09 Central control
- 17 Dashboard
- 25 Immobiliser



- 35 Central lock
- 46 Central comfort module
- Read security code
  - 17 Dashboard
    - Auto
    - Manual
  - 25 Immobiliser
    - Auto
    - Manual
  - 01 Engine
    - Auto
    - Manual
- Program keys
  - 17 Dashboard
  - 25 Immobiliser
  - Jetta(2010-)
- Program remote
  - 46 Central comfort module(KWP1281)
  - 46 Central comfort module(CANBUS)

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#### Smart V18.10

- Immobiliser system
  - BR450
    - Program keys
    - Erase DTC
  - BR451
    - Number of keys
    - Program keys

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#### VW V18.31

- Diagnostic function
  - 01 Engine
  - 09 Central control
  - 17 Dashboard
  - 25 Immobiliser
  - 35 Central lock
  - 46 Central comfort module
- Read security code
  - 17 Dashboard
    - Auto
    - Manual
  - 25 Immobiliser
    - Auto
    - Manual
  - 01 Engine
    - Auto
    - Manual
- Program keys
  - 17 Dashboard
  - 25 Immobiliser
  - Jetta(2010-)

## Program remote

46 Central comfort module(KWP1281)

46 Central comfort module(CANBUS)

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## ACURA V18.29

### Immobiliser

#### IMMO1

- Live data
- Immobiliser Setting
- Immobiliser and ECM / PCM
- ECM

#### IMMO2

- ECU identification
  - System checking
  - Key Quantity
  - Key Types
- Key
  - Add a key
  - Erase keys
  - All keys lost

#### IMMO3

- ECU identification
  - System checking
  - Key Quantity
  - Key Types
- Key
  - Add a key
  - Rewrite keys
  - All keys lost
- Replace the Immobiliser ECU
- Replace the ECM / PCM

#### IMMO4

- ECU identification
  - System checking
  - Key Quantity
  - Key Types
- Key
  - Add a key
  - Rewrite keys
  - All keys lost
- Replace immobiliser ECU
- Replace the ECM / PCM
- Replace MPCS / MICU / IMOES

### Smart key system

#### Type 1(knob)

- Smart key
  - Add a smart key
  - Rewrite keys
  - All smart keys lost

Replace smart key ECU  
Replace knob ignition

Type 2(button)

Add smart key  
All smart keys lost

Remote

Add remote  
Erase remote

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HONDA V18.31

Immobiliser

Auto

3PIN

IMMO1

Live data  
Immobiliser Setting  
Immobiliser and ECM / PCM  
ECM

IMMO2

ECU identification  
System checking  
Key Quantity  
Key Types  
Key  
Add a key  
Erase keys  
All keys lost  
Replace the ECM / PCM

16PIN

IMMO3

ECU identification  
System checking  
Key Quantity  
Key Types  
Key  
Add a key  
Rewrite keys  
All keys lost  
Replace the Immobiliser ECU  
Replace the ECM / PCM

IMMO4

ECU identification  
System checking  
Key Quantity  
Key Types  
Key  
Add a key  
Rewrite keys  
All keys lost  
Replace immobiliser ECU

Replace the ECM / PCM  
Replace MPCS / MICU / IMOES

Manual

Type 1(3G)

Add a key  
All keys lost

Type 2(4G)

Add a key  
All keys lost

Help

Smart key system

Type 1(knob)

Smart key  
Add a smart key  
Rewrite keys  
All smart keys lost  
Replace smart key ECU  
Replace knob ignition

Type 2(button)

Add smart key  
All smart keys lost

Help

Remote

Program remote(9G)

Add remote  
Erase remote

Help

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HYUNDAI V20.00

Security code Calculator  
Read 46 chip security code  
China Hyundai  
Select from vehicle

ACCENT

Immobiliser

Live data  
Program keys  
ECM neutral

SONATA(NF)

Immobiliser

Program keys  
ECM neutral  
Live data

TUCSON

Immobiliser

Petrol 2.0

Program keys  
ECM neutral  
Live data

Petrol 2.7

Program keys  
ECM neutral  
Live data

Diesel

Program keys  
ECM neutral  
Live data

ELANTRA 08-11

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

ELANTRA 12-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SONATA(NFC)

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

I30

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

IX35

Immobiliser

Live data  
Program keys  
ECM neutral

Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

IX35(F/L)

Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

VERNA

Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SONATA(YFC)

Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

ELANTRA(MDC)

Immobiliser  
Live data

Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SANTA FE(MDC)  
2013-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

MISTRA(CF)

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

Select from type

Immobiliser

Type 1(K)

Program keys  
ECM neutral  
Live data

Type 2(K)

Program keys  
ECM neutral  
Live data

Type 3(K)

Program keys  
ECM neutral  
Live data

Type 4(K)

Program keys  
ECM neutral  
Live data

Type 5(CAN)

Live data  
Program keys  
ECM neutral  
Smartra neutral

Type 6(CAN)

Live data  
Program keys  
ECM neutral

Smart key system

Type 1(with card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Type 2(with card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Type 3(without card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Type 4(without card slot CAN)

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

Remote

10 PIN type 1

Program remote

10 PIN type 2

Program remote

16 PIN type 1

Program remote

16 PIN type 2

Program remote

Korea Hyundai

Select from vehicle

ATOZ 98-02

Immobiliser

Program keys  
ECM neutral



GETZ 06-  
Live data  
Immobiliser  
Program keys  
ECM neutral  
Live data

GETZ 03-  
Immobiliser  
Program keys  
ECM neutral  
Live data

VELOSTER 12-  
Immobiliser  
Program keys  
ECM neutral  
Live data  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

ACCENT 06-  
Immobiliser  
Live data  
Program keys  
ECM neutral

ACCENT 03-05  
Immobiliser  
Petrol  
Program keys  
ECM neutral  
Live data  
Diesel  
Program keys  
ECM neutral  
Live data

ACCENT 00-02  
Immobiliser  
Petrol  
Program keys  
ECM neutral  
Live data  
Diesel  
Program keys  
ECM neutral  
Live data

MATRIX 06-  
Immobiliser

1.6L(Petrol)  
Program keys  
ECM neutral  
Live data

1.8L(Petrol)  
Program keys  
ECM neutral  
Live data

Diesel  
Program keys  
ECM neutral  
Live data

ELANTRA 04-  
Immobiliser

1.6L(Petrol)  
Program keys  
ECM neutral  
Live data

1.8L/2.0L(Petrol)  
Program keys  
ECM neutral  
Live data

Diesel  
Program keys  
ECM neutral  
Live data

ELANTRA 01-03  
Immobiliser

1.6L(Petrol)  
Program keys  
ECM neutral  
Live data

1.8L/2.0L(Petrol)  
Program keys  
ECM neutral  
Live data

Diesel  
Program keys  
ECM neutral  
Live data

HD COUPE 02-  
Immobiliser

1.6/2.0L  
Program keys  
ECM neutral  
Live data

YF HEV 14-  
Immobiliser

Live data  
Program keys

ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SONATA 05-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

i40(VF) 12-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

GRANDEUR(HG) 11-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

AZERA 06-

Immobiliser

Program keys  
ECM neutral  
Live data

EQUUS(VI) 14-

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

EQUUS(VI) 12-

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

EQUUS(VI) 09-

Smart key system

Program smart keys

H-1 98-02

Immobiliser

Diesel (CRDI)

Program keys

ECM neutral

Live data

H-1BUS 11-

Immobiliser

Live data

Program keys

ECM neutral

Smartra neutral

GRANDSANTAFE(NC)

Immobiliser

Program keys

ECM neutral

Live data

Smart key system

Program smart keys

ECM neutral

SMK neutral

ESCL neutral

SANTAFE(MD) 13-

Immobiliser

Program keys

ECM neutral

Live data

Smart key system

Program smart keys

ECM neutral

SMK neutral

ESCL neutral

SANTAFE F/L 09-

Immobiliser

Live data

Program keys

ECM neutral

Smartra neutral

Smart key system

Live data

Program smart keys

ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SANTAFE 06-

Immobiliser

Petrol

Live data  
Program keys  
ECM neutral  
Smartra neutral

Diesel

Live data  
Program keys  
ECM neutral

SANTAFE 01-02

Immobiliser

Program keys  
ECM neutral  
Live data

TRAJET X6 01-02

Immobiliser

Program keys  
ECM neutral  
Live data

TUCSON

Immobiliser

Petrol 2.0

Program keys  
ECM neutral  
Live data

Petrol 2.7

Program keys  
ECM neutral  
Live data

Diesel

Program keys  
ECM neutral  
Live data

VERACRUZ(EN) 06-

Immobilise

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral

MSL neutral  
ROHENS-COUPE 12-  
Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral  
ROHENS-COUPE 09-  
Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral  
ROHENS(BH) 12-  
Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system  
2012  
Program smart keys  
2013-  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral  
ROHENS(BH) 09-  
Immobiliser  
Live data  
Program keys  
ECM neutral  
Smartra neutral  
Smart key system

Program smart keys

Select from type  
Immobiliser

Type 1(K)

Program keys  
ECM neutral  
Live data

Type 2(K)

Program keys  
ECM neutral  
Live data

Type 3(K)

Program keys  
ECM neutral  
Live data

Type 4(K)

Program keys  
ECM neutral  
Live data

Type 5(CAN)

Live data  
Program keys  
ECM neutral  
Smartra neutral

Type 6(CAN)

Live data  
Program keys  
ECM neutral

Smart key system

Type 1(with card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Type 2(with card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Type 3(without card slot)

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

- Type 4(with card slot)
  - Program smart keys
- Type 5(without card slot)
  - Program smart keys
- Type 6(with card slot)
  - Live data
  - Program smart keys
  - ECM neutral
  - SMK neutral
  - MSL neutral
- Type 7(without card slot CAN)
  - Program smart keys
  - ECM neutral
  - SMK neutral
  - ESCL neutral
- Type 8(without card slot CAN)
  - Program smart keys
  - ECM neutral
  - SMK neutral
  - ESCL neutral

#### Remote

- 10 PIN type 1
  - Program remote
- 10 PIN type 2
  - Program remote
- 16 PIN type 1
  - Program remote
- 16 PIN type 2
  - Program remote

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#### INFINITI V18.34

##### Immobiliser 1(10)

- Program keys
- Self-diagnosis
  - Fault codes
  - Erase DTC

##### Immobiliser 2(12)

- Program keys
- Self-diagnosis
  - Fault codes
  - Erase DTC

##### Immobiliser 3(E0)

- Erase DTC
- Program keys

##### Smart key system 1(A1)

- Program smart keys
- Erase all smart keys

##### Smart key system 2(4C)

- Program smart keys
- Erase all smart keys



- Program steering lock
- Smart key system 3(E0)
  - Erase DTC
  - Program smart keys
- Smart key system 4(MC)
  - Read BCM code
  - Release steering lock
  - Program smart keys
- Smart key system 5(10)
  - Program smart keys
  - Self-diagnosis
    - Fault codes
    - Erase DTC
- BCM 1(45)
  - Read BCM code
  - Release steering lock
- BCM 2(45)
  - Read BCM code
  - Release steering lock

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KIA V19.00

- Security code Calculator
- Read 46 chip security code
- Select from vehicle
  - OPTIMA
    - 2004-2007
      - Immobiliser
        - Program keys
        - ECM neutral
        - Live data
  - FORTE
    - 2009-2013
      - Immobiliser
        - Live data
        - Program keys
        - ECM neutral
        - Smartra neutral
      - Smart key system
        - Live data
        - Program smart keys
        - ECM neutral
        - SMK neutral
        - PDM neutral
        - ESCL neutral
  - SPORTAGE(CHINA)
    - 2008-2013
      - Immobiliser
        - 2.0 CVVT
          - Type 1
            - Live data

Program keys  
ECM neutral  
Smartra neutral

Type 2

Program keys  
ECM neutral  
Live data

2.7 V6

Program keys  
ECM neutral  
Live data

Diesel

Live data  
Program keys  
ECM neutral

2014-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SPORTAGE R  
2011

Immobilise

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

SOUL  
2012-

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

K5

2011-2013

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

2014-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

K3(YDC)

2012-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

K2(QBC)

2011

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

TD KOUP  
2009

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

K3(YD)  
2014-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

PICANTO(MORNING)  
2006

Immobiliser

Petrol

Program keys  
ECM neutral  
Live data

Diesel

Live data  
Program keys  
ECM neutral

RIO  
2007

Immobiliser

Live data  
Program keys  
ECM neutral

CERATO  
2004-2006

Immobiliser

1.5L/2.0L(Diesel)

Program keys  
ECM neutral  
Live data

1.6L

Program keys  
ECM neutral  
Live data

2003

Immobiliser

Program keys  
ECM neutral  
Live data

CARENS/RONDO(RP)

2014-

Immobiliser

Program keys  
ECM neutral  
Live data

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

CARENS

2007-2008

Immobiliser

Petrol

Live data  
Program keys  
ECM neutral  
Smartra neutral

Diesel

Live data  
Program keys  
ECM neutral

2006

Immobiliser

Petrol

Program keys  
ECM neutral  
Live data

Diesel

Type 1

Live data  
Program keys  
ECM neutral

Type 2

Program keys  
ECM neutral  
Live data

2003-2005

Immobiliser

Petrol

Program keys

		ECM neutral
		Live data
	Diesel	
		Program keys
		ECM neutral
		Live data
SPORTAGE		
2006		
	Immobiliser	
	Diesel	
	Type 1	
		Live data
		Program keys
		ECM neutral
	Type 2	
		Program keys
		ECM neutral
		Live data
	2.0 CVVT	
		Program keys
		ECM neutral
		Live data
	2.7 V6	
		Program keys
		ECM neutral
		Live data
2005		
	Immobiliser	
	Diesel	
		Program keys
		ECM neutral
		Live data
	2.0 CVVT	
		Program keys
		ECM neutral
		Live data
	2.7 V6	
		Program keys
		ECM neutral
		Live data
OPTIMA(MAGENTIS)		
2007		
	Immobiliser	
	Petrol	
		Program keys
		ECM neutral
		Live data
	Diesel	
		Live data
		Program keys

ECM neutral

CARNIVAL(SEDONA)  
2012-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

2007-2011

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

SORENTO  
2013-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

2009-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

2007-2008

Immobiliser

Petrol

Type 1

Live data  
Program keys  
ECM neutral  
Smartra neutral

Type 2

		Program keys ECM neutral Live data
	Diesel	
		Program keys ECM neutral Live data
2006	Immobiliser	
	Diesel	
		Program keys ECM neutral Live data
2004-2005	Immobiliser	
	Diesel	
		Program keys ECM neutral Live data
2003	Immobiliser	
	Diesel	
		Program keys ECM neutral Live data
MOHAVE		
2009	Immobiliser	
	Petrol	
		Live data Program keys ECM neutral
	Smart key system	
		Live data Program smart keys ECM neutral SMK neutral PDM neutral ESCL neutral
K5 HEV		
2013-	Immobiliser	
		Live data Program keys ECM neutral Smartra neutral
	Smart key system	
		Live data Program smart keys ECM neutral



SMK neutral  
PDM neutral  
ESCL neutral

CADENZA(VG)  
2012-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

2010-2011

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

CADENZA F/L(VG F/L)  
2013-

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Smart key system

Program smart keys  
ECM neutral  
SMK neutral  
ESCL neutral

OPIRUS(AMANTI)  
2007

Immobiliser

Live data  
Program keys  
ECM neutral  
Smartra neutral

Select from type

## Immobiliser

### Type 1(CAN)

- Live data
- Program keys
- ECM neutral
- Smartra neutral

### Type 2(K)

- Program keys
- ECM neutral
- Live data

### Type 3(K)

- Program keys
- ECM neutral
- Live data

### Type 4(K)

- Program keys
- ECM neutral
- Live data

### Type 5(CAN)

- Live data
- Program keys
- ECM neutral

### Type 6(K)

- Program keys
- ECM neutral
- Live data

## Smart key system

### Type 1(with card slot)

- Live data
- Program smart keys
- ECM neutral
- SMK neutral
- PDM neutral
- ESCL neutral

### Type 2(with card slot)

- Live data
- Program smart keys
- ECM neutral
- SMK neutral
- PDM neutral
- ESCL neutral

### Type 3(with card slot)

- Live data
- Program smart keys
- ECM neutral
- SMK neutral
- MSL neutral

### Type 4(without card slot CAN)

- Program smart keys
- ECM neutral

SMK neutral  
ESCL neutra  
Type 5(without card slot)  
Live data  
Program smart keys  
ECM neutral  
SMK neutral  
PDM neutral  
ESCL neutral

Remote

10 PIN

Type 1

Program remote

Type 2

Program remote

16 PIN

Type 1

Program remote

Type 2

Program remote

20 PIN

Program remote

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LEXUS V18.40

Remote

Type 1

Program remote

Erase remote

Type 2

Program remote

Erase remote

Immobiliser

Type 1

Add a key

Erase keys

Reset immobiliser

Replace engine ECU

Type 2 (with G)

Add a key

Erase keys

Replace immobiliser ECU

Replace engine ECU

Smart key system

Add smart keys

Erase smart keys

Reset smart key ECU

Reset smart key ECU

Program smart key after resetting

Program ECU

Program ID box with steering lock

## Remote engine start

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### MAZDA V19.01

Need pincode

#### Mazda 2

All keys lost

#### Mazda 3

Old model

All keys lost

New model

All keys lost

#### Mazda 5

Old model

All keys lost

New model

All keys lost

#### Mazda 6

With smart

Live data

Program keys

All keys lost

Program smart keys

Erase smart keys

Without smart

Program keys

All keys lost

A spare key setting valid

A spare key setting invalid

#### Mazda 8

With smart

All keys lost

All smart keys lost

Program smart keys

Program keys

Without smart

Program keys

All keys lost

A spare key setting valid

A spare key setting invalid

#### Mazda CX-7

With smart

All keys lost

All smart keys lost

Program smart keys

Program keys

Without smart

Program keys

All keys lost

A spare key setting valid

A spare key setting invalid

## New Mazda 6

### With smart

- All keys lost
- All smart keys lost
- Program smart keys

### Without smart

- All keys lost

## No need pincode

### Mazda 2

- All keys lost

### Mazda 3

#### Old model

- All keys lost

#### New model

- All keys lost

### Mazda 5

#### Old model

- All keys lost

#### New model

- All keys lost

### Mazda 6

#### With smart

- Live data
- Program keys
- All keys lost
- Program smart keys
- Erase smart keys

#### Without smart

- Program keys
- All keys lost
- A spare key setting valid
- A spare key setting invalid

### Mazda 8

#### With smart

- All keys lost
- All smart keys lost
- Program smart keys
- Program keys

#### Without smart

- Program keys
- All keys lost
- A spare key setting valid
- A spare key setting invalid

### Mazda CX-7

#### With smart

- All keys lost
- All smart keys lost
- Program smart keys
- Program keys

#### Without smart

Program keys  
All keys lost  
A spare key setting valid  
A spare key setting invalid

#### New Mazda 6

##### With smart

All keys lost  
All smart keys lost  
Program smart keys

##### Without smart

All keys lost

---

### MITSUBISHI V20.56

#### China

##### Select from vehicle

##### V73

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

##### V97

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

##### Galant

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

##### Grandis

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

##### Lancer

##### With smart

ECU identification  
Live data  
Change security code  
All smart keys lost  
Program engine key code  
Program engine key code&VIN write

##### Without smart

ECU identification  
Live data

Change security code  
All keys lost  
Program remotes  
Program engine key code  
Program engine key code&VIN write

Outlander

-2013

ECU identification  
Live data  
Change security code  
All smart keys lost  
Program engine key code  
Program engine key code&VIN write

2014-

Program smart keys

ASX

Program smart keys

L200 TRITON

-2010

Change security code  
All keys lost  
Program remote  
Program engine key code&VIN write

2011-

Program keys  
Program remotes

Pajero

-2010

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

2010-

Program keys  
Program remotes

Select from type

Type 1

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Type 2(CAN With smart)

ECU identification  
Live data  
Change security code  
All smart keys lost  
Program engine key code  
Program engine key code&VIN write

Type 3(CAN Without smart)

ECU identification  
Live data  
Change security code  
All keys lost  
Program remotes  
Program engine key code  
Program engine key code&VIN write

Type 4(CAN With smart)

Program smart keys

Type 5(CAN Without smart)

Program keys  
Program remotes

Type 6(CAN Without smart)

Change security code  
All keys lost  
Program remote  
Program engine key code&VIN write

Japan

Carisma

96-04

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Colt

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Eclipse

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Galant[PIN1]

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Galant[PIN2]

96-03

Fault codes



Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

03-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer SW

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

L200

99-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Montero

99-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

01-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Montero IO

99-

Fault codes  
Erase DTC  
Live data  
Program keys

Reset immobiliser  
**Montero Sport**  
99-04  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Nativa**  
01-02  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Pajero**  
96-00  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

00-05  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Pajero IO**  
99-  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Pajero PININ**  
99-  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Pajero Sport**  
99-03  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Shogun**

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

00-05

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Shogun PININ**

99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Shogun Sport**

99-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Space Gear**

96-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Space Runner**

98-99

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

99-02

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Space Start[PIN1]**

99-

Fault codes  
Erase DTC

Live data  
Program keys  
Reset immobiliser

Space Start[PIN2]

99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Space Wagon

98-99

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

99-02

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

3000 GT

96-01

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Australia

Challenger

99-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Express

96-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer

96-03

Fault codes  
Erase DTC  
Live data

Program keys  
Reset immobiliser  
03-06  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
Lancer SW  
96-03  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
Magna  
96-05  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
Mirage  
96-02  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
Nimbus  
98-99  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
99-02  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
Pajero  
96-00  
Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser  
00-05

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Pajero IO

99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Triton[PIN1]

99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Triton[PIN2]

99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Verada

96-02

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Greek

Carisma

96-04

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Colt

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Colt New

02-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Galant

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer SW

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

L200

99-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Pajero

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Pajero New

00-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Pajero PININ

99-

Fault codes

Erase DTC  
Live data  
Program keys  
Reset immobiliser

Pajero Sport  
99-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Space Gear  
96-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Space Runner  
98-99

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

99-02

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Space Start  
99-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

3000 GT  
96-

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

USA

Diamante  
00-06

Fault codes  
Erase DTC



Live data  
Program keys  
Reset immobiliser

Eclipse

96-05

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Eclipse[CAN]

06-09

All keys lost  
Key N0

Endeavor[CAN]

06-09

All keys lost  
Key N0

Galant

04-05

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Galant[CAN]

06-09

All keys lost  
Key N0

Galant[PIN1]

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

00-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Galant[PIN2]

96-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

00-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer EVO

03-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer SW

96-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Lancer[CAN]

08-09

All keys lost  
Key N0

Montero

99-00

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

01-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Montero Sport

99-04

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Outlander

00-03

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

04-06

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

Outlander[CAN]

07-09

All keys lost  
Key N0

---

NISSAN V18.86

Security code Calculator

Paladin/X-Trail

Made in Mexico  
Made in Germany  
Made in Europe

Select from function

Immobiliser 1(10)

Program keys  
Self-diagnosis  
Fault codes  
Erase DTC

Immobiliser 2(12)

Program keys  
Self-diagnosis  
Fault codes  
Erase DTC

Immobiliser 3(E0)

Erase DTC  
Program keys

Smart key system 1(A1)

Program smart keys  
Erase all smart keys

Smart key system 2(4C)

Program smart keys  
Erase all smart keys  
Program steering lock

Smart key system 3(E0)

Erase DTC  
Program smart keys

Smart key system 4(MC)

Read BCM code

Release steering lock  
Program smart keys

Smart key system 5(10)

Program smart keys  
Self-diagnosis  
Fault codes  
Erase DTC

BCM 1(45)

Read BCM code  
Release steering lock

BCM 2(45)

Read BCM code  
Release steering lock

New car

09-11 Teana

BCM

Read BCM code  
Release steering lock

Smart key system

Erase DTC  
Program smart keys

12- Teana

BCM

Read BCM code  
Release steering lock

Smart key system

Program smart keys  
Self-diagnosis  
Fault codes  
Erase DTC

New Machi

Smart key system

Read BCM code  
Release steering lock  
Program smart keys

New Sunny

Smart key system

Read BCM code  
Release steering lock  
Program smart keys

New Tiida

Smart key system

Read BCM code  
Release steering lock  
Program smart keys

Qichen

BCM

Read BCM code  
Release steering lock

Immobiliser

Program keys  
Self-diagnosis  
Fault codes  
Erase DTC

---

## SSANGYONG V18.20

### Remote

Program remote

### Immobiliser

#### Type 1

Program keys

#### Type 1

Program keys

---

## SSUBARU V18.74

### Immobiliser

#### Baja 05-07

All keys lost

#### B9 Tribeca 05-07

All keys lost

#### Forester 98-03

All keys lost

#### Forester 04-07

All keys lost

#### Impreza 04-07

All keys lost

#### Legacy 05-

All keys lost

#### Outbackj 05-

All keys lost

#### Other model

All keys lost

---

## SUZUKI V19.49

### Immobiliser

#### China Suzuki

##### SX4

Fault codes  
Erase DTC  
ECU identification  
All keys lost

##### Swift

Fault codes  
Erase DTC  
ECU identification  
All keys lost

##### Alto

#### Type 1

Fault codes  
Erase DTC  
ECU identification

All keys lost

Type 2

Fault codes

Erase DTC

ECU identification

All keys lost

Vitra

Type 1

Fault codes

Erase DTC

ECU identification

All keys lost

Type 2

Fault codes

Erase DTC

ECU identification

All keys lost

Liana

Live data

Program keys

Erase keys

Japan Suzuki

Swift 96-04

Live data

Program keys

Erase keys

Alto 96-02

Live data

Program keys

Erase keys

Baleno 96-01

Live data

Program keys

Erase keys

Grand Vitara 96-02

Live data

Program keys

Erase keys

Grand Vitara 02-

Live data

Program keys

Erase keys

Vitara 96-02

Live data

Program keys

Erase keys

Vitara 02-08

Live data

Program keys

Erase keys

### Wagon R 98-00

- Live data
- Program keys
- Erase keys

### Wagon R 00-

- Live data
- Program keys
- Erase keys

### Jimny

- Live data
- Program keys
- Erase keys

### Ignis

- Live data
- Program keys
- Erase keys

---

## TOYOTA V18.40

### Remote

#### Type 1

- Program remote
- Erase remote

#### Type 2

- Program remote
- Erase remote

### Immobiliser

#### Type 1

- Add a key
- Erase keys
- Reset immobiliser
- Replace engine ECU

#### Type 2 (with G)

- Add a key
- Erase keys
- Replace immobiliser ECU
- Replace engine ECU

### Smart key system

#### Type 1

- Add smart keys
- Erase smart keys
- Reset smart key ECU
  - Reset smart key ECU
  - Program smart key after resetting
- Program ECU
  - Program ID box with steering lock
  - Remote engine start

#### Type 2 (12 crown)

- Program smart keys
- Program remote
- Erase Smart remote

## Reset immobiliser

---

### BAIC

#### E Series

##### Immobiliser

Read key information

Program keys

Erase keys

Erase key 1

Erase key 2

Erase key 3

Erase key 4

Erase key 5

Erase key 6

Erase key 7

Erase key 8

---

### BESTURN V18.37

#### Old besturn(CAN)

Program keys

All keys lost

A spare key setting valid

A spare key setting invalid

#### B50

ECU identification

Fault codes

Erase DTC

Live data

Program function

Erase keys

Program keys

#### B70

ECU identification

Fault codes

Erase DTC

Live data

Program function

Erase keys

Program keys

#### B70(2013)

ECU identification

Fault codes

Erase DTC

Live data

Program function

Erase keys

Program keys

#### X80(2013)

ECU identification

Fault codes

Erase DTC



Live data  
Program function  
Erase keys  
Program keys

**B90(2013)**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
Erase keys  
Program keys

---

**BRILLIANCE V19.00**

**Zhonghua**

**Immobiliser**

**Old Zhonghua**

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Zunchi**

**Delphi Immobiliser**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
Program new system  
Replace immobiliser ECU  
Replace engine ECU  
Program keys  
Program engine VIN  
Program immobiliser VIN  
Reset engine ECU  
Reset immobiliser  
Erase keys

**Mitsubishi Immobiliser**

Fault codes  
Erase DTC  
Live data  
Program keys  
Reset immobiliser

**Siemens Immobiliser**

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
Program new system

- Program keys
- Replace immobiliser ECU
- Replace engine ECU
- Program mechanical key number
- Program engine VIN
- Program WSC
- Reset engine ECU
- Reset immobiliser

## Junjie

### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

## Kubao

### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC

- Live data
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

#### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

#### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

Junjie

#### FRV

#### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

#### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU

- Program mechanical key number
- Program engine VIN
- Program WSC
- Reset engine ECU
- Reset immobiliser

## FSV

### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

## CROSS

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

## WAGON

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys

- Replace immobiliser ECU
- Replace engine ECU
- Program mechanical key number
- Program engine VIN
- Program WSC
- Reset engine ECU
- Reset immobiliser

### H230

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

### H320

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC
  - Reset engine ECU
  - Reset immobiliser

### H330

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Program keys
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program mechanical key number
  - Program engine VIN
  - Program WSC

Reset engine ECU  
Reset immobiliser

H530

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
    Program new system  
    Program keys  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program mechanical key number  
    Program engine VIN  
    Program WSC  
    Reset engine ECU  
    Reset immobiliser

V5

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
    Program new system  
    Program keys  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program mechanical key number  
    Program engine VIN  
    Program WSC  
    Reset engine ECU  
    Reset immobiliser

Smart key system

FSV

PEPS old smart key  
    Program smart keys  
PEPS new smart key  
    Fault codes  
    Erase DTC  
    Program function  
        Program smart keys  
        Program new system  
        Reset engine ECU  
        Reset immobiliser

H330

PEPS smart key  
    Fault codes  
    Erase DTC  
    Program function  
        Program smart keys

- Program new system
- Reset engine ECU
- Reset immobiliser

### H530

#### PEPS smart key diag

- ECU identification 1
- ECU identification 2
- Fault codes
- Erase DTC
- Live data
  - General information 1
  - General information 2
- Automatic test
- Write VIN

#### PEPS smart key program

- Program new system
- Program smart keys
- Program PEPS
- Reset PEPS
- Program ESCL

### V5

#### PEPS smart key diag

- ECU identification 1
- ECU identification 2
- Fault codes
- Erase DTC
- Live data
  - General information 1
  - General information 2
- Automatic test
- Write VIN

#### PEPS smart key program

- Program new system
- Program smart keys
- Program PEPS
- Reset PEPS
- Program ESCL

### Jinbei

#### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN

Reset engine ECU  
Reset immobiliser  
Erase keys

H2

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
Program new system  
Program keys  
Replace immobiliser ECU  
Replace engine ECU  
Program mechanical key number  
Program engine VIN  
Program WSC  
Reset engine ECU  
Reset immobiliser

---

BYD V18.24

G3

Type 1

Program smart keys

Type 2

-2011.04

ECU identification  
Replace all of smart key ECU

2011.04-

ECU identification  
Add smart key

L3

Type 1

Program smart keys

Type 2

-2011.04

ECU identification  
Replace all of smart key ECU

2011.04-

ECU identification  
Add smart key

M6

Type 1

Program smart keys

Type 2

-2011.04

ECU identification  
Replace all of smart key ECU

2011.04-

ECU identification



- S6
    - Add smart key
    - Type 1
      - Program smart keys
    - Type 2
      - 2011.04
        - ECU identification
        - Replace all of smart key ECU
      - 2011.04-
        - ECU identification
        - Add smart key
  - G6
    - Type 1
      - Program smart keys
    - Type 2
      - 2011.04
        - ECU identification
        - Replace all of smart key ECU
      - 2011.04-
        - ECU identification
        - Add smart key
- 

BRILLIANCE V18.24

- G3
  - Type 1
    - Program smart keys
  - Type 2
    - 2011.04
      - ECU identification
      - Replace all of smart key ECU
    - 2011.04-
      - ECU identification
      - Add smart key
- L3
  - Type 1
    - Program smart keys
  - Type 2
    - 2011.04
      - ECU identification
      - Replace all of smart key ECU
    - 2011.04-
      - ECU identification
      - Add smart key
- M6
  - Type 1
    - Program smart keys
  - Type 2
    - 2011.04

ECU identification  
 Replace all of smart key ECU  
 2011.04-  
 ECU identification  
 Add smart key  
**S6**  
 Type 1  
 Program smart keys  
 Type 2  
 -2011.04  
 ECU identification  
 Replace all of smart key ECU  
 2011.04-  
 ECU identification  
 Add smart key  
**G6**  
 Type 1  
 Program smart keys  
 Type 2  
 -2011.04  
 ECU identification  
 Replace all of smart key ECU  
 2011.04-  
 ECU identification  
 Add smart key

**CHANGAN V18.80**  
**CM8**

**STEC Immobiliser system**  
 ECU identification  
 Fault codes  
 Erase DTC  
 Live data  
 Set security code  
     Set security code  
     Input security code  
 Program function  
     Program new system  
     Program keys  
     Erase keys  
         Erase all keys  
         Erase key 1  
         Erase key 2  
         Erase key 3  
         Erase key 4  
         Erase key 5  
 Replace immobiliser ECU  
 Replace engine ECU  
 Program immobiliser VIN  
 Program engine VIN  
 Reset engine ECU

Reset immobiliser

Benben

Chongqing integrated Immobiliser

Basic function

Identification data

Fault codes

Erase DTC

System state

Program function

Set security code

Program date

Program VIN

Erase keys

Program keys

Reset immobiliser

Reset engine ECU

Replace engine ECU

Replace immobiliser ECU

Jiexun

STEC Immobiliser system

ECU identification

Fault codes

Erase DTC

Live data

Set security code

Set security code

Input security code

Program function

Program new system

Program keys

Erase keys

Erase all keys

Erase key 1

Erase key 2

Erase key 3

Erase key 4

Erase key 5

Replace immobiliser ECU

Replace engine ECU

Program immobiliser VIN

Program engine VIN

Reset engine ECU

Reset immobiliser

Leimeng

STEC Immobiliser system

ECU identification

Fault codes

Erase DTC

Live data

Set security code

- Set security code
- Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

Yuexiang  
V3

- Integrated BCM(B501)
  - Program remote
  - Erase remote
  - Live data

V5

- Atech BCM
  - Program remote
  - Erase remote
  - Live data

Zhixiang

- Atech BCM
  - Program remote
  - Erase remote
  - Live data
- Delphi Immobiliser
  - ECU identification
  - Fault codes
  - Erase DTC
  - Live data

- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU

Reset immobiliser  
Erase keys

CX20

Atech BCM

Program remote  
Erase remote  
Live data

CX30

Atech BCM

Program remote  
Erase remote  
Live data

Delphi Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Input security code  
    Set security code  
Program function  
    Program new system  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program keys  
    Program engine VIN  
    Program immobiliser VIN  
    Reset engine ECU  
    Reset immobiliser  
    Erase keys

EADO

Integrated BCM(C201)

Program remote  
Erase remote  
Live data

CV7

STEC Immobiliser system

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Set security code  
    Input security code  
Program function  
    Program new system  
    Program keys  
    Erase keys  
        Erase all keys  
        Erase key 1

- Erase key 2
- Erase key 3
- Erase key 4
- Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

## CV9

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

## Honor

### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN

- Program immobiliser VIN
- Reset engine ECU
- Reset immobiliser
- Erase keys

### CS35

#### Integrated immobiliser/remote system

- Add a key
- Erase keys
- Program remotes

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## CHANGHE V18.04

### Liana

#### Immobiliser

- Live data
- Program keys
- Erase keys

#### Tung Thih Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Replace engine ECU
  - Replace immobiliser ECU
  - Add a new keys
  - Re-program keys
  - Erase keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
    - Erase all keys
  - Reset immobiliser
  - Reset engine ECU
  - Program VIN
  - Check key
  - Lock immobiliser

### YV5 A3

#### Tung Thih Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Replace engine ECU
  - Replace immobiliser ECU
  - Add a new keys
  - Re-program keys
  - Erase keys

- Erase key 1
- Erase key 2
- Erase key 3
- Erase key 4
- Erase key 5
- Erase all keys
- Reset immobiliser
- Reset engine ECU
- Program VIN
- Check key
- Lock immobiliser

-----CHERY V19.12

### Read security code

- STEC immobiliser system
- Delphi Immobiliser
- DIAS immobiliser
- HELP

### Immobiliser

#### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

#### DIAS Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys



- Program new system
- Replace immobiliser ECU
- Replace engine ECU
- Reset immobiliser
- Reset engine ECU
- Read VIN
- Check key
- Check engine ECU
- Program engine VIN
- Program immobiliser VIN
- Lock immobiliser

- Actuation test
  - LED status

#### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

#### Chery Immobiliser

- Live data
  - Read immobiliser state
  - Key state
  - Engine ECU state
- Program function
  - Replace engine ECU
  - Replace immobiliser ECU
  - Program keys
    - Add a new keys
    - Add a old keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5

Smart key system

- Program smart key
  - Add a new smart key
  - Add a old smart key
- Erase smart key
  - Erase all smart key
  - Erase smart key 1
  - Erase smart key 2
  - Erase smart key 3
  - Erase smart key 4
  - Erase smart key 5

Remote  
A1

- Fault codes
- Erase DTC
- Live data
- Program remote

A3

- Fault codes
- Erase DTC
- Live data
  - Speed configuration
  - Wiper configuration
  - Radio frequency key number information
  - Input status
  - Defroster configuration
  - Front ISU identification
  - Rear ISU identification
  - Key learning information
  - Vehicle running mode
  - CAN configuration
- Write data
  - Erase RF key
  - CAN configuration
- Function test
  - Power window
    - Left front window
    - Right front window
    - Left rear window
    - Right rear window
  - Wiper and washer
    - Front washer
    - Rear washer
    - Front wiper (high)
    - Front wiper (low)
  - Central lock
  - Lamp
    - Brake lamp
    - Low beam
    - High beam
    - Right turn signals

- Left turn signals
- Emergency warning lamp
- Program remote
- Configure vehicle running mode
  - Ocean shipment mode
  - Normal mode
- Reset ECU
  - Reset BCM(front)
  - Reset BCM(rear)
  - Reset BCM(front and rear)

## A5

### Type 1(Atech)

- Fault codes
- Erase DTC
- Live data
  - Remote key learning information
  - Input status
- Program function
  - Program remote
  - Active alarm
  - Set battery voltage

### Type 2(Kostal)

- Fault codes
- Erase DTC
- Program remote

## Cowin

- Live data
- Actuation test
  - Window\_right front\_up
  - Window\_right rear\_up
  - Danger
  - Unlocked
  - Trunk
  - Right turn signals
  - 4 doors are not closed tightly (AJAR)
  - Lighting
  - Ignition
  - Left turn signals
  - The driver door is not closed tightly
  - Wiper
  - Window\_left front\_up
  - Ignition switch \_2
  - Insert key
  - Unlocked
  - Lock
  - Ignition switch
  - Seat belts
  - Engine cover
  - Wiper\_stop
  - Window\_left rear\_up

Window\_right front\_down  
Window\_left rear\_down  
Window\_right rear\_down  
Window\_left front\_down

Program remote  
Remote synchronization mode

### Cowin 1

Fault codes  
Erase DTC  
Live data  
Program remote

### Cowin 2

Live data  
Actuation test  
Window\_right front\_up  
Window\_right rear\_up  
Danger  
Unlocked  
Trunk  
Right turn signals  
4 doors are not closed tightly (AJAR)  
Lighting  
Ignition  
Left turn signals  
The driver door is not closed tightly  
Wiper  
Window\_left front\_up  
Ignition switch \_2  
Insert key  
Unlocked  
Lock  
Ignition switch  
Seat belts  
Engine cover  
Wiper\_stop  
Window\_left rear\_up  
Window\_right front\_down  
Window\_left rear\_down  
Window\_right rear\_down  
Window\_left front\_down  
Program remote  
Remote synchronization mode

### Cowin 3

#### Type 1(Atech)

Fault codes  
Erase DTC  
Live data  
Remote key learning information  
Input status  
Program function

Program remote  
Active alarm  
Set battery voltage

Type 2(Kostal)

Fault codes  
Erase DTC  
Program remote

Cowin 5

Type 1

Live data  
Actuation test  
Window\_right front\_up  
Window\_right rear\_up  
Danger  
Unlocked  
Trunk  
Right turn signals  
4 doors are not closed tightly (AJAR)  
Lighting  
Ignition  
Left turn signals  
The driver door is not closed tightly  
Wiper  
Window\_left front\_up  
Ignition switch \_2  
Insert key  
Unlocked  
Lock  
Ignition switch  
Seat belts  
Engine cover  
Wiper\_stop  
Window\_left rear\_up  
Window\_right front\_down  
Window\_left rear\_down  
Window\_right rear\_down  
Window\_left front\_down  
Program remote  
Remote synchronization mode

Type 2

Fault codes  
Erase DTC  
Live data  
Program remote

Type 3

Software version information  
Fault codes  
Erase DTC  
Live data  
Key learning information

Wiper configuration  
Input status  
Program remote

QQ6

Fault codes  
Erase DTC  
Live data  
Program remote

QQme Series

Software version information  
Fault codes  
Erase DTC  
Live data  
Key learning status information  
Input status  
Program remote

M1

Fault codes  
Erase DTC  
Live data  
Program remote

M2

Fault codes  
Erase DTC  
Live data  
Program remote

M3

Fault codes  
Erase DTC  
Live data  
Program remote

M5

Fault codes  
Erase DTC  
Live data  
Program remote

X1

Fault codes  
Erase DTC  
Live data  
Program remote

G2

Live data  
Read immobiliser state  
Key state  
Engine ECU state  
Program function  
Replace engine ECU  
Replace immobiliser ECU  
Program keys

- Add a new keys
- Add a old keys
- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5

G3

Type 1

- Software version information
- Fault codes
- Erase DTC
- Live data
  - Key learning information
  - Wiper configuration
  - Input status
- Program remote

Type 2

- Live data
  - Read immobiliser state
  - Key state
  - Engine ECU state
- Program function
  - Replace engine ECU
  - Replace immobiliser ECU
  - Program keys
    - Add a new keys
    - Add a old keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5

G5

G6

V5 series

Type 1

- Fault codes
- Erase DTC
- Live data
- Program remote

Type 2

- Software version information
- Fault codes
- Erase DTC
- Live data

Key learning information  
Wiper configuration  
Input status

Program remote

### Type 3

Live data

Actuation test

Window\_right front\_up

Window\_right rear\_up

Danger

Unlocked

Trunk

Right turn signals

4 doors are not closed tightly (AJAR)

Lighting

Ignition

Left turn signals

The driver door is not closed tightly

Wiper

Window\_left front\_up

Ignition switch \_2

Insert key

Unlocked

Lock

Ignition switch

Seat belts

Engine cover

Wiper\_stop

Window\_left rear\_up

Window\_right front\_down

Window\_left rear\_down

Window\_right rear\_down

Window\_left front\_down

Program remote

Remote synchronization mode

### H5 Series

Fault codes

Erase DTC

Live data

Speed configuration

Wiper configuration

Radio frequency key number information

Input status

Defroster configuration

Front ISU identification

Rear ISU identification

Key learning information

Vehicle running mode

CAN configuration

Write data



- Erase RF key
- CAN configuration
- Function test
  - Power window
    - Left front window
    - Right front window
    - Left rear window
    - Right rear window
  - Wiper and washer
    - Front washer
    - Rear washer
    - Front wiper (high)
    - Front wiper (low)
  - Central lock
  - Lamp
    - Brake lamp
    - Low beam
    - High beam
    - Right turn signals
    - Left turn signals
    - Emergency warning lamp
- Program remote
- Configure vehicle running mode
  - Ocean shipment mode
  - Normal mode
- Reset ECU
  - Reset BCM(front)
  - Reset BCM(rear)
  - Reset BCM(front and rear)

### X5 Series

- Fault codes
- Erase DTC
- Live data
  - Speed configuration
  - Wiper configuration
  - Radio frequency key number information
  - Input status
  - Defroster configuration
  - Front ISU identification
  - Rear ISU identification
  - Key learning information
  - Vehicle running mode
  - CAN configuration
- Write data
  - Erase RF key
  - CAN configuration
- Function test
  - Power window
    - Left front window
    - Right front window

- Left rear window
- Right rear window
- Wiper and washer
  - Front washer
  - Rear washer
  - Front wiper (high)
  - Front wiper (low)
- Central lock
- Lamp
  - Brake lamp
  - Low beam
  - High beam
  - Right turn signals
  - Left turn signals
  - Emergency warning lamp
- Program remote
- Configure vehicle running mode
  - Ocean shipment mode
  - Normal mode
- Reset ECU
  - Reset BCM(front)
  - Reset BCM(rear)
  - Reset BCM(front and rear)

### H3 series

- Fault codes
- Erase DTC
- Live data
  - Speed configuration
  - Wiper configuration
  - Radio frequency key number information
  - Input status
  - Defroster configuration
  - Front ISU identification
  - Rear ISU identification
  - Key learning information
  - Vehicle running mode
  - CAN configuration
- Write data
  - Erase RF key
  - CAN configuration
- Function test
  - Power window
    - Left front window
    - Right front window
    - Left rear window
    - Right rear window
  - Wiper and washer
    - Front washer
    - Rear washer
    - Front wiper (high)

- Front wiper (low)
- Central lock
- Lamp
  - Brake lamp
  - Low beam
  - High beam
  - Right turn signals
  - Left turn signals
  - Emergency warning lamp
- Program remote
- Configure vehicle running mode
  - Ocean shipment mode
  - Normal mode
- Reset ECU
  - Reset BCM(front)
  - Reset BCM(rear)
  - Reset BCM(front and rear)

### Karry

- Fault codes
- Erase DTC
- Live data
- Program remote

### Eastar

#### Type 1

- Live data
- Actuation test
  - Window\_right front\_up
  - Window\_right rear\_up
  - Danger
  - Unlocked
  - Trunk
  - Right turn signals
  - 4 doors are not closed tightly (AJAR)
  - Lighting
  - Ignition
  - Left turn signals
  - The driver door is not closed tightly
  - Wiper
  - Window\_left front\_up
  - Ignition switch \_2
  - Insert key
  - Unlocked
  - Lock
  - Ignition switch
  - Seat belts
  - Engine cover
  - Wiper\_stop
  - Window\_left rear\_up
  - Window\_right front\_down
  - Window\_left rear\_down

- Window\_right rear\_down
- Window\_left front\_down
- Program remote
- Remote synchronization mode

Type 2

- Fault codes
- Erase DTC
- Live data
- Program remote

Type 3

- Software version information
- Fault codes
- Erase DTC
- Live data
  - Key learning information
  - Wiper configuration
  - Input status
- Program remote

FY-2

- Fault codes
- Erase DTC
- Live data
  - Speed configuration
  - Wiper configuration
  - Radio frequency key number information
  - Input status
  - Defroster configuration
  - Front ISU identification
  - Rear ISU identification
  - Key learning information
  - Vehicle running mode
  - CAN configuration
- Write data
  - Erase RF key
  - CAN configuration
- Function test
  - Power window
    - Left front window
    - Right front window
    - Left rear window
    - Right rear window
  - Wiper and washer
    - Front washer
    - Rear washer
    - Front wiper (high)
    - Front wiper (low)
  - Central lock
  - Lamp
    - Brake lamp
    - Low beam

- High beam
- Right turn signals
- Left turn signals
- Emergency warning lamp
- Program remote
- Configure vehicle running mode
  - Ocean shipment mode
  - Normal mode
- Reset ECU
  - Reset BCM(front)
  - Reset BCM(rear)
  - Reset BCM(front and rear)

### Tiggo 3

#### Type 1

- Live data
- Actuation test
  - Window\_right front\_up
  - Window\_right rear\_up
  - Danger
  - Unlocked
  - Trunk
  - Right turn signals
  - 4 doors are not closed tightly (AJAR)
  - Lighting
  - Ignition
  - Left turn signals
  - The driver door is not closed tightly
  - Wiper
  - Window\_left front\_up
  - Ignition switch \_2
  - Insert key
  - Unlocked
  - Lock
  - Ignition switch
  - Seat belts
  - Engine cover
  - Wiper\_stop
  - Window\_left rear\_up
  - Window\_right front\_down
  - Window\_left rear\_down
  - Window\_right rear\_down
  - Window\_left front\_down
- Program remote
- Remote synchronization mode

#### Type 2

- Fault codes
- Erase DTC
- Live data
- Program remote

#### Type 3

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Function test
  - Interior lamp
    - Top lamp
  - Exterior lamp
    - Left turn signals
    - Right turn signals
    - Front fog lamp
    - Rear fog lamp
    - Parking lamp
    - Low beam
    - High beam
    - Emergency warning lamp
  - Power window
    - Left front window
    - Right front window
    - Left rear window
    - Right rear window
  - Central lock
  - LED
    - Security lamp
- Reset ECU
- Erase remote
- Program remote
- Setting vehicle running mode
  - Ocean shipment mode
  - Normal mode

## E5

- Fault codes
- Erase DTC
- Live data
  - Remote key learning information
  - Input status
- Program function
  - Program remote
  - Active alarm
  - Set battery voltage

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## DFLZ

### Joyear(B11)

#### DIAS immobiliser(4G93)

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key

- Erase keys
- Program new system
- Replace immobiliser ECU
- Replace engine ECU
- Reset immobiliser
- Reset engine ECU
- Read VIN
- Check key
- Check engine ECU
- Program engine VIN
- Program immobiliser VIN
- Lock immobiliser

- Actuation test

- LED status

#### DIAS immobiliser(1.8T K4)

- ECU identification

- Fault codes

- Erase DTC

- Live data

- Program function

- Add a key

- Erase keys

- Program new system

- Replace immobiliser ECU

- Replace engine ECU

- Reset immobiliser

- Reset engine ECU

- Read VIN

- Check key

- Check engine ECU

- Program engine VIN

- Program immobiliser VIN

- Lock immobiliser

- Actuation test

- LED status

#### Joyear(B12)

##### DIAS Immobiliser

- ECU identification

- Fault codes

- Erase DTC

- Live data

- Program function

- Add a key

- Erase keys

- Program new system

- Replace immobiliser ECU

- Replace engine ECU

- Reset immobiliser

- Reset engine ECU

Read VIN  
Check key  
Check engine ECU  
Program engine VIN  
Program immobiliser VIN  
Lock immobiliser  
Actuation test  
LED status

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DFPV

S30

Immobiliser 1

Program keys  
Program decoder  
Program engine ECU  
Program keys and engine ECU  
Configuration

Immobiliser 2

ECU identification  
Fault codes  
Erase DTC  
Live data  
Program function  
    Add a key  
    Erase keys  
    Program new system  
    Replace immobiliser ECU  
    Replace engine ECU  
    Reset immobiliser  
    Reset engine ECU  
    Read VIN  
    Check key  
    Check engine ECU  
    Program engine VIN  
    Program immobiliser VIN  
    Lock immobiliser  
Actuation test  
LED status

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GEELY V18.03

Ziyoujian

STEC Immobiliser system

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Set security code  
    Input security code  
Program function



- Program new system
- Program keys
- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU

Yuanjing

#### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU

Jinying

#### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys

- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU

## FC-2

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU

## Huapu

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys

- Erase key 1
- Erase key 2
- Erase key 3
- Erase key 4
- Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU

## Emgrand

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU

### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

---

## GREATWALL V18.76

### Read security code

- STEC immobiliser system
- DIAS immobiliser
- HELP

### Hover

### H3

Delphi Petrol Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

#### Delphi Diesel (Bosch 2.8TC) Immobiliser system

- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys
- Read engine VIN

#### Remote

- Program remote

H5

#### Delphi Petrol Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU

- Program keys
- Program engine VIN
- Program immobiliser VIN
- Reset engine ECU
- Reset immobiliser
- Erase keys

#### Delphi Diesel (Bosch 2.8TC) Immobiliser system

- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys
- Read engine VIN

#### Delphi Diesel (Delphi 4D20) Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

#### Delphi Diesel (Bosch 4D20) Immobiliser system

- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function

- Program new system
- Replace immobiliser ECU
- Replace engine ECU
- Program keys
- Program engine VIN
- Program immobiliser VIN
- Reset engine ECU
- Reset immobiliser
- Erase keys

- Read engine VIN

#### Remote

- Program remote

### H6

#### STEC Immobiliser system

- CU identification

- Fault codes

- Erase DTC

- Live data

- Set security code

  - Set security code

  - Input security code

- Program function

  - Program new system

  - Program keys

  - Erase keys

    - Erase all keys

    - Erase key 1

    - Erase key 2

    - Erase key 3

    - Erase key 4

    - Erase key 5

  - Replace immobiliser ECU

  - Replace engine ECU

  - Program immobiliser VIN

  - Program engine VIN

  - Reset engine ECU

  - Reset immobiliser

#### Tung Thih Immobiliser

- ECU identification

- Fault codes

- Erase DTC

- Live data

- Program function

  - Replace engine ECU

  - Replace immobiliser ECU

  - Add a new keys

  - Re-program keys

  - Erase keys

    - Erase key 1

    - Erase key 2

- Erase key 3
- Erase key 4
- Erase key 5
- Erase all keys
- Reset immobiliser
- Reset engine ECU
- Program VIN
- Check key
- Lock immobiliser

#### Remote

- Program remote

### M1

#### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### M2

#### DIAS Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU

- Read VIN
- Check key
- Check engine ECU
- Program engine VIN>
- Program immobiliser VIN
- Lock immobiliser
- Actuation test
- LED status

## Gwperi

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

## Cowry

### Delphi Petrol Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU



Reset immobiliser  
Erase keys

## Fengjun

### Delphi Petrol Immobiliser system

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Input security code  
    Set security code  
Program function  
    Program new system  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program keys  
    Program engine VIN  
    Program immobiliser VIN  
    Reset engine ECU  
    Reset immobiliser  
    Erase keys

### Delphi Diesel (Bosch 2.8TC) Immobiliser system

Fault codes  
Erase DTC  
Live data  
Set security code  
    Input security code  
    Set security code  
Program function  
    Program new system  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program keys  
    Program engine VIN  
    Program immobiliser VIN  
    Reset engine ECU  
    Reset immobiliser  
    Erase keys  
Read engine VIN

## Florid

### STEC Immobiliser system

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Set security code  
    Input security code  
Program function  
    Program new system

- Program keys
- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

## Coolbear

### DIAS Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN>
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

## Lingao

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys

- Erase key 1
- Erase key 2
- Erase key 3
- Erase key 4
- Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

## C30

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

## C50

### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys

- Erase key 1
- Erase key 2
- Erase key 3
- Erase key 4
- Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

Remote

- Program remote

C10

STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

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HAFEI V18.04

Saima

Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system

- Replace immobiliser ECU
- Replace engine ECU
- Reset immobiliser
- Reset engine ECU
- Read VIN
- Check key
- Check engine ECU
- Program engine VIN
- Program immobiliser VIN
- Lock immobiliser
- Actuation test
- LED status

#### Remote

### Lubao

#### Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
- LED status

### Saibao

#### Remote

### Hafei 8

#### Mitsubishi Immobiliser

- Fault codes
- Erase DTC
- Live data
- Program keys
- Reset immobiliser

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### HAIMA V18.03

#### STEC Immobiliser system

- ECU identification
- Fault codes
- Erase DTC

- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

#### DIAS Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

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HAWTAI MOTOR V18.00

Select from vehicle

B11

#### Immobiliser

- ECU identification
- Fault codes
- Erase DTC

- Live data
- Program function
  - Read security code
  - Add a key
  - Erase keys
  - Read VIN
  - Check key

**Boliger**

Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Read security code
  - Add a key
  - Erase keys
  - Read VIN
  - Check key

**Santa Fe**

Type 1

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Read security code
  - Add a key
  - Erase keys
  - Read VIN
  - Check key

Type 2

- Program keys
- ECM neutral
- Live data

Type 3

- Program keys
- ECM neutral
- Live data

Type 4

- Program keys
- ECM neutral
- Live data

**Select from type**

Immobiliser

Type 1

- ECU identification
- Fault codes
- Erase DTC
- Live data

Program function  
Read security code  
Add a key  
Erase keys  
Read VIN  
Check key

Type 2

Program keys  
ECM neutral  
Live data

Type 3

Program keys  
ECM neutral  
Live data

Type 4

Program keys  
ECM neutral  
Live data

Remote

10PIN Type 1

Program remote

10PIN Type 2

Program remote

16PIN

Program remote

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HONGQI V18.00

Select from vehicle

Old HongQi

Program keys

HQ300

Smart key system

Program smart keys

Program remote

Reset immobiliser

Select from system

Immobilise

Program keys

Smart key system

Program smart keys

Program remote

Reset immobiliser

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HUAPU V18.03

Immobiliser

Haiyu

ECU identification

Fault codes

Erase DTC

Live data

Set security code



- Set security code
- Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Haijing

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Haixun

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code

- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Haifeng

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Haishang

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system

- Program keys
- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

### Haixuan

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Other model

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys

Erase all keys  
Erase key 1  
Erase key 2  
Erase key 3  
Erase key 4  
Erase key 5  
Replace immobiliser ECU  
Replace engine ECU  
Program immobiliser VIN  
Program engine VIN  
Reset engine ECU  
Reset immobiliser

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## JAC V18.45

### Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Input security code  
    Set security code  
Program function  
    Program new system  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program keys  
    Program engine VIN  
    Program immobiliser VIN  
    Reset engine ECU  
    Reset immobiliser  
    Erase keys  
    Remote

### 10 PIN

#### Type 1

Program remote

#### Type 2

Program remote

### 16 PIN

#### Heyue

Program remote

#### Tongyue

Program remote

#### Binyue

Program remote

#### Tricyclic remote

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## JIANGLIN V18.03

### Immobiliser

#### fengshang

ECU identification  
Fault codes

- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
  - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

fenghua

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
  - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

X6-Petrol car

- ECU identification
- Fault codes
- Erase DTC
- Live data

- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

### X8-Petrol car

#### Delphi Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys

#### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
  - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5

Replace immobiliser ECU  
Replace engine ECU  
Program immobiliser VIN  
Program engine VIN  
Reset engine ECU  
Reset immobiliser

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LIEBAO V18.03  
CS6

Diesel

Siemens Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Set security code  
    Input security code  
Program function  
    Program new system  
    Program keys  
    Replace immobiliser ECU  
    Replace engine ECU  
    Program immobiliser VIN  
    Program engine VIN  
    Reset engine ECU  
    Reset immobiliser  
    Erase keys  
        Erase all keys  
        Erase key 1  
        Erase key 2  
        Erase key 3  
        Erase key 4  
        Erase key 5

Petrol

Siemens Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
    Set security code  
    Input security code  
Program function  
    Program new system  
    Program keys  
    Erase keys  
        Erase all keys  
        Erase key 1  
        Erase key 2  
        Erase key 3

- Erase key 4
- Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser
- Replace engine ECU
- Replace immobiliser ECU

## CS7

### DIAS immobiliser(UAES)

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

### Delphi immobiliser(4G15)

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Input security code
  - Set security code
- Program function
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program keys
  - Program engine VIN
  - Program immobiliser VIN
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys



## DIAS immobiliser(4G18)

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

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## LIFAN V18.03

### Integrated Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
  - Read immobiliser state
  - Read key code
- Program function
  - Replace engine ECU
  - Replace immobiliser ECU
  - Program keys
  - Reset engine ECU
  - Reset immobiliser
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Write key number
  - Program WSC
  - Write programming Date
  - Write diagnosing Date
  - Program engine VIN
  - Program immobilizer VIN

### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

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#### MG V18.50

- Immobiliser
  - MG3
  - MG5
  - MG6
- Remote
  - MG7

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#### ROEWE V18.60

- Immobiliser
  - 350
    - 2012
      - Add a key
      - Erase keys
    - 2013-
      - Add a key
      - Erase keys
  - 550
    - Add a key
    - Erase keys
  - 950
    - With smart
      - All smart keys lost
      - Erase DTC
      - Live data
    - Without smart

All keys lost  
Erase DTC  
Live data

W5

Type 1  
Add a key  
Erase keys

Type 2  
Add a key  
Erase keys

Remote  
750

Program remote  
Position 1  
Position 2  
Position 3  
Position 4  
Position 5

Read remote ID  
Position 1  
Position 2  
Position 3  
Position 4  
Position 5

Disable remote  
Position 1  
Position 2  
Position 3  
Position 4  
Position 5

Enable remote  
Position 1  
Position 2  
Position 3  
Position 4  
Position 5

Erase DTC

---

SAIC ENGLANG V18.03

Immobiliser

ECU identification  
Fault codes  
Erase DTC  
Live data  
Set security code  
Set security code  
Input security code  
Program function  
Program new system  
Program keys

- Erase keys
  - Erase all keys
  - Erase key 1
  - Erase key 2
  - Erase key 3
  - Erase key 4
  - Erase key 5
- Replace immobiliser ECU
- Replace engine ECU
- Program immobiliser VIN
- Program engine VIN
- Reset engine ECU
- Reset immobiliser

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## YOUNGLOTUS V18.04

### Siemens Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

### Original Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Program keys
  - Erase keys

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## ZZMAZDA V18.03

### DIAS Immobiliser

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

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## ZZNISSAN V18.13

### Immobiliser

#### Shuaike 1.5

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

#### Shuaike 1.6

- ECU identification
- Fault codes

- Erase DTC
- Live data
- Program function
  - Add a key
  - Erase keys
  - Program new system
  - Replace immobiliser ECU
  - Replace engine ECU
  - Reset immobiliser
  - Reset engine ECU
  - Read VIN
  - Check key
  - Check engine ECU
  - Program engine VIN
  - Program immobiliser VIN
  - Lock immobiliser
- Actuation test
  - LED status

Ruiqi

- ECU identification
- Fault codes
- Erase DTC
- Live data
- Set security code
  - Set security code
  - Input security code
- Program function
  - Program new system
  - Program keys
  - Erase keys
    - Erase all keys
    - Erase key 1
    - Erase key 2
    - Erase key 3
    - Erase key 4
    - Erase key 5
  - Replace immobiliser ECU
  - Replace engine ECU
  - Program immobiliser VIN
  - Program engine VIN
  - Reset engine ECU
  - Reset immobiliser

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