

## TRANSPONDER IDENTIFICATION AND CLONING APPLICATIONS

Transponder I.D.	Transponder System	Cloning	Blank Transponder to be used	Description
11	Fixed Coded	✓	T5	Identification and cloning
12	Fixed Coded	✓	T5	Identification and cloning
13	Fixed Coded	✓	T5	Identification and cloning
14	Fixed Coded	✓	T5	Identification and cloning
33	Fixed Coded	✓	T5, PCF7930/31	Identification and cloning. Pin code calculation from Renault key
33	BMW Rolling	✗		Milegae, chassis number information from key
73	Fixed Coded	✓	T5, PCF7930/31	Identification and cloning
4C	Fixed Coded	✓	Z4C, TPX1, EH2, TK 23, TK 24	Identification and cloning
40	Crypto Coded	✓	PFC 7935, T5	Most of Opel vehicles upto 2002 except Astra G
41	Crypto Coded	✓	Universal Precoded(44 precoded)	Identification and cloning
42	Crypto Coded	✓	PFC 7935, 42	Identification and cloning
44	Crypto Coded	✓	Universal Precoded(44 precoded)	Only unlocked ones(VAG and Ford Galaxy)
45	Crypto Coded	✓	Universal Precoded(44 precoded)	Identification and cloning. Pin code calculation from key
46	Crypto Coded	✓	TK60	identification and cloning via internet server
48	Crypto Coded	✗		Detailed identification
48 Vag CanBus	Crypto Coded	✗		Detailed identification according to vehicle brand
4D	Crypto Coded	✓	TPX2, EH2	Identification and cloning via internet server, built in stand alone unit. Pin code calculation for Renault vehicles from key
8€	Crypto Coded	✗		Detailed identification
8C	Crypto Coded	✗		Detailed identification

## EEPROM & MCU APPLICATIONS

Module Number	Vehicle & Immobiliser Unit Information	Prepare Precoded Transponder for OBD Programming	Prepare Transponder To Start The Vehicle	Pin Code Calculation
1	Opel immo2 – Siemens immobox	✗	✓	✓
2	VW, Seat immo2 – Siemens immobox	✗	✓	✓
3	VW, Seat immo3 – Valeo immobox	✗	✓	✓
4	Fiat,Lancia,Citroen,Peugeot – Delphi immobox	✗	✓	✗
5	Opel immo1 – Siemens immobox	✗	✓	✓
6	Honda, Acura – Megamos immobox	✗	✓	✗
7	Honda, Rover – Valeo immobox	✗	✓	✗
8	Fiat, Lancia imm001.01 – Magnetti marelli immobox	✗	✓	✗
9	Fiat, Lancia imm110.01 - Magnetti marelli immobox	✗	✓	✗
10	Mercedes Sprinter, Vito, Vw volt – Temic immobox	✗	✓	✓
11	Fiat, Alfa Romeo, Lancia – Magnetti marelli immobox	✓	✓	✓
12	Fiat, Citroen code2 – Delphi immobox	✓	✓	✓
13	VW,Skoda,Seat immo1 – Siemens immobox	✗	✓	✓
14	Daihatsu 1998-2000	✗	✓	✗
15	Daihatsu 2000-2001	✗	✓	✗
16	Renault, Dacia – Sagem immobox	✗	✓	✓
17	Renault – Siemens UCH	✓	✗	✓
18	Fiat, Lancia, Alfa Romeo – Delphi immobox	✓	✓	✓
19	Peugeot, Citroen – Valeo immobox	✗	✓	✓
20	Toyota Corolla 1998-99 – 89780-12060RI-3BTY	✗	✓	✗
21	Volvo immo3 – Bosch immobox	✗	✓	✗
22	Toyota Corolla – Bosch, Fujitsu ECU	✗	✓	✗
23	Toyota Yaris 2 – Denso, Fujitsu ECU	✗	✓	✗
24	Toyota – immobox	✗	✓	✗
25	Renault Laguna 2 – Sagem UCH	✗	✗	✓
26	Mercedes Actros, Atego – Temic immobox	✗	✓	✗
27	Renault Megane 2 – Siemens UCH	✗	✗	✓
28	Alfa Romeo Code2 – Bosch immobox	✓	✓	✓
29	Mitsubishi – Bosch immobox	✗	✓	✗
30	BMW, Range Rover, Mini Cooper – EWS1	✗	✓	✗
31	BMW, Range Rover, Mini Cooper – EWS2	✗	✓	✗
32	BMW, Range Rover, Mini Cooper – EWS3	✗	✓	✗
33	Iveco Daily, Iveco Truck – Bosch immobox	✓	✗	✓
34	Renault – Valeo immobox	✗	✓	✓
35	Alfa Romeo, Iveco – Bosch immobox	✗	✓	✗
36	Suzuki Swift – Immobox	✗	✓	✗
37	Toyota – ECU	✗	✓	✗
38	Volvo, Mitsubishi – Bosch immobox	✗	✓	✗
39	Toyota – Denso ECU	✗	✓	✗
40	Nissan, Subaru – Siemens immobox	✗	✓	✗
41	Peugeot motorsiklet – Marelli immobox	✗	✓	✗
42	Renault Sagem UCH	✓	✗	✓
43	Peugeot 406 – Siemens BSI	✗	✓	✓
44	Peugeot 206 – Siemens BSI	✗	✓	✓
45	Audi – Delphi immobox	✗	✓	✓
46	Peugeot, Fiat, Lancia, Citroen – Texton immobox	✗	✓	✗
47	Chrysler, Dodge – SKIM immobox	✗	✓	✓
48	Mazda, Ford – Temic immobox	✗	✓	✗
49	Suzuki, Mitsubishi – Immobox	✗	✓	✗

## EEPROM & MCU APPLICATIONS

Module Number	Vehicle & Immobiliser Unit Information	Prepare Precoded Transponder for OBD Programming	Prepare Transponder To Start The Vehicle	Pin Code Calculation
50	Peugeot, Fiat, Citroen – Immobox	X	√	X
51	Toyota – Immobox	X	√	X
52	Nissan – Siemens immobox (NATS-4)	X	√	X
53	Volvo – Bosch immobox	X	√	X
54	Daewoo – Immobox	X	√	X
55	Opel, Isuzu – Immobox	X	√	√
56	Renault – Siemens immobox	X	√	√
57	Fiat – Delphi BSI	√	X	√
58	Ford – Pats box	X	√	X
59	Ford – Pats box	X	√	X
60	Mazda – Lucas immobox	X	√	X
61	Ford – Visteon Dashboard	X	√	X
62	Ford – Visteon ECU	X	√	X
63	Ford, Mazda – Siemens ECU	X	√	X
64	Fiat, Lancia – IMM100.01 Magnetti Marelli immobox	X	√	√
65	Fiat – Siemens BSI	√	X	√
66	Renault – Siemens UCH	X	√	√
67	Honda, Acura – Immobox	X	√	X
68	BMW, Range Rover, Mini Coper – EWS4	X	√	X
69	Yamaha – Moric immobox	X	√	X
70	Renault, Opel – Sagem UCH	X	X	√
71	Opel , Isuzu – Immobox	√	√	√
72	Suzuki – Denso Immobox	X	√	X
73	Ducati motorsiklet – Magnetti Marelli Dashboard	X	√	X
74	Honda bike – Immobox(93c46)	X	√	X
75	Honda bike – Immobox(93c56)	X	√	X
76	Honda bike – Immo box(93c66)	X	√	X
77	Renault Clio 3, Modus – Johnson UCH	X	√	X
78	Aprilla Scooter bike – Dashboard	X	√	X
79	Mazda – Denso ECU	X	X	√
80	Mazda – Mitsubishi ECU	X	X	√
81	Peugeot Citroen - BSI	X	X	√
82	Cherry – Immobox	X	√	X
83	Ford – Delphi ECU	X	√	X
84	Renault – Valeo BSI 98-02	X	√	√
85	Toyota – Valeo immobox	X	√	X
86	Nissan – Siemens immobox(NATS-5)	X	√	√
87	Hyundai – immobox	X	√	X
88	Ducati bike – Digitek Dashboard	X	√	X
89	Nissan – Dashboard	X	√	X
90	Chevrolet – Siemens UCH	X	√	X

## TRANSPONDER PRODUCTION APPLICATION LIST

Transponder to be produced	Transponder system	Used in	Blank transponder to be used
33 Gm	Fixed Coded	OBD Programming	PCF 7931
33 VAG	Fixed Coded	OBD Programming	PCF 7931
33 Fiat	Fixed Coded	OBD Programming	PCF 7931
PG1	Fixed Coded	OBD Programming	PCF 7931
PG 2	Fixed Coded	OBD Programming	PCF 7931
33 Nissan	Fixed Coded	OBD Programming	PCF 7931
13 Megamos	Fixed Coded	OBD Programming	T5
40 Opel	Crypto Coded	OBD Programming	PCF 7935
40 Chery	Crypto Coded	OBD Programming	PCF 7935
41 Nissan	Crypto Coded	OBD Programming	PCF 7935
42 VAG	Crypto Coded	OBD Programming	PCF 7935
44 VAG	Crypto Coded	OBD Programming	PCF 7935
44 Mitsubishi	Crypto Coded	OBD Programming	PCF 7935
45 Peugeot	Crypto Coded	OBD Programming	PCF 7935
73 Mitsubishi	Crypto Coded	OBD Programming	PCF 7935
46 Audi A8 (2003-2006)	Crypto Coded	OBD Programming	PCF 7936
46 Chevrolet Captiva	Crypto Coded	OBD Programming	PCF 7936
46 Chrysler Circle+	Crypto Coded	OBD Programming	PCF 7936
46 Chrysler Hybrid	Crypto Coded	OBD Programming	PCF 7936
46 Chrysler Grey	Crypto Coded	OBD Programming	PCF 7936
46 Citroen C3 (2000-2004)	Crypto Coded	OBD Programming	PCF 7936
46 Citroen Picasso (2000-2004)	Crypto Coded	OBD Programming	PCF 7936
46 GMC Buick	Crypto Coded	OBD Programming	PCF 7936
46 GMC Circle+	Crypto Coded	OBD Programming	PCF 7936
46 Mitsubishi Lancer	Crypto Coded	OBD Programming	PCF 7936
46 Mitsubishi L200	Crypto Coded	OBD Programming	PCF 7936
46 Mitsubishi Cold	Crypto Coded	OBD Programming	PCF 7936
46 Nissan Note, Micra (PCF 7946)	Crypto Coded	Remote Virginising	PCF 7946
46 Opel Vectra C(PCF 7946)	IC Type Crypto	Remote Virginising	PCF 7946
46 Opel Corsa D	Crypto Coded	OBD Programming	PCF 7936
46 Opel Antara	Crypto Coded	OBD Programming	PCF 7936
46 Peugeot	Crypto Coded	OBD Programming	PCF 7936
46 Porche Cayenne	Crypto Coded	OBD Programming	PCF 7936
46 Renault (PCF 7946)	IC Type Crypto	Remote Virginising	PCF 7946
46 Renault (PCF 7947)	IC Type Crypto	Remote Virginising	PCF 7947
46 Renault	Crypto Coded	OBD Programming	PCF 7936
4D – 61 Mitsubishi	Crypto Coded	OBD Programming	Texas 60
4D – 62 Mitsubishi	Crypto Coded	OBD Programming	Texas 60
4D – 63 Ford	Crypto Coded	OBD Programming	EH 2
4D – 64 Renault, Chrysler	Crypto Coded	OBD Programming	EH 2
4D – 65 Suzuki	Crypto Coded	OBD Programming	Texas 60
4D – 67 Toyota, Daihatsu, Lexus	Crypto Coded	OBD Programming	TPX2, EH2
4D – 68 Toyota, Daihatsu, Lexus	Crypto Coded	OBD Programming	TPX2, EH2