



Refresh and unlocking original car remotes

BMW:

HUF - F-Series

HUF5661 (868MHz HUF)
HUF5662 (315MHz HUF)
HUF5663 (434MHZ HUF)
HUF5667 (434MHZ HUF)



5WK - F-Series

5WK49661 (868MHz Continental)
5WK49663 (315MHz Continental)
5WK49662 (434MHZ Continental)



5WK - E-Series

5WK49125 (868MHz)
5WK49127 (315MHz)
5WK49145 (868MHZ)
5WK49147 (315MHZ)



5WK - E-Series

5WK49125 (868MHz)
5WK49127 (315MHz)
5WK49145 (868MHZ)
5WK49147 (315MHZ)



Chrysler/Jeep/Dodge:

M3N5WY72XX

2004-2008 Chrysler Pacifica
2004-2007 Chrysler Town and Country
2004-2007 Dodge Caravan
2004-2007 Dodge Grand Caravan
2005-2007 Jeep Liberty



Website: www.norman-keys.com Email: carkeyunlock@gmail.com 2/24

Tel: +8618617061230

KOBOT04A

2007 - 2009 Chrysler Aspen 2005
- 2007 Chrysler 300
2005 - 2007 Dodge Durango 2007
- 2011 Dodge Dakota
2007 - 2009 Dodge Ram
2007 - 2013 Dodge Avenger 2005
- 2007 Dodge Charger 2007 -
2012 Dodge Caliber
2005 - 2007 Jeep Commander
2005 - 2007 Jeep Grand Cherokee



OHT692427AA

Chrysler Sebring 2007-2011
Chrysler PT Cruiser 2006-2010
Chrysler PT Cruiser Convertible 2005-2007
Dodge Avenger 2008-2013
Dodge Caliber 2006-2012
Dodge Charger 2005-2007
Dodge Dakota 2004-2013
Dodge Durango 2004-2013
Dodge Magnum 2005-2007
Dodge Nitro 2007-2011
Dodge RAM 2006-2009
Jeep Commander 2006-2009
Jeep Compass 2008-2013
Jeep Grand Cherokee 2005-2007
Jeep Liberty 2008-2012
Jeep Patriot 2007-2013
Jeep Wrangler 2007-2013



OHT692713AA

2004 - 2007 Chrysler Town & Country
2004 - 2007 Dodge Caravan
2004 - 2007 Dodge Grand Caravan



IYZ-C01C / M3N5W783X

Chip marking: 567-738-031
2008-2011 Chrysler 300
2008-2013 Chrysler Town & Country
2010-2013 Dodge Caravan
2008-2013 Dodge Charger
2008-2013 Dodge Challenger
2011-2013 Dodge Durango
2008-2012 Dodge Grand Caravan
2008-2011 Dodge Journey
2008- Dodge Magnum
2009-2013 Dodge RAM
2008-2010 Jeep Commander
2011-2013 Jeep Grand Cherokee



IYZ-C01C / Keyless Go

Chip marking: 567-737-061
2008-2011 Chrysler 300
2008-2013 Chrysler Town & Country
2010-2013 Dodge Caravan
2008-2013 Dodge Charger
2008-2013 Dodge Challenger
2011-2013 Dodge Durango
2008-2012 Dodge Grand Caravan
2008-2011 Dodge Journey
2008- Dodge Magnum
2009-2013 Dodge RAM
2008-2010 Jeep Commander
2011-2013 Jeep Grand Cherokee



Chrysler Old Fobik: M3N



Hyundai/Kia:

SVI-HMFKR04 / Keyless Go Key
SVI-HMFEU04 / Keyless Go Key
SVI-HMFNA04 / Keyless Go Key

Chip marking: 049620C03
09-13 Hyundai Genesis
11-13 Hyundai Elantra
11-13 Hyundai Sonata
12-14 Hyundai Veloster
11-13 Hyundai Equus
10-12 Kia Forte Koup
11-13 Kia Soul
11-13 Kia Sportage
11-13 Kia Optima



SVI-CMFEU03 / Keyless Go Key
SVI-CMFCH02 / Keyless Go Key

Chip marking: 049620C03



General Motors

GM 13149658 (433MHz VALEO)

OPEL Astra H OPEL Zafira B (2005-09)



GM 13149645 (433MHz VALEO)

OPEL Astra H OPEL Zafira B (2005-09)



Corsa D Non Flip:



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Tel: +8618617061230

GM 13500234 (433MHz 3Btn Opel) GM
13500235 (433MHz 2Btn Opel) GM
13500221 (315MHz 5Btn Chevrolet) GM
13500222 (315MHz 4Btn Chevrolet) GM
13500218 (433MHz 2Btn Buick)

GM 13500219 (433MHz 3Btn Buick)
GM 13500226 (315MHz 5Btn Buick)
GM 13500227 (315MHz 4Btn Buick)

2010-2011 Chevrolet Camaro
2011-2012 Chevrolet Cruze
2010-2011 Chevrolet Equinox
2012 Chevrolet Sonic
2010-2013 Buick Lacrosse
2011-2013 Buick Regal
2012-2013 Buick Verano
Opel Astra J
Opel Insignia



PROXIMITY (Passive Entry) Keys

GM 13500319 (315MHz 5Btn Chevrolet)
GM 13500318 (315MHz 4Btn Chevrolet)
GM 13500224 (315MHz 5Btn Buick)
GM 13500225 (315MHz 4Btn Buick)



FCC ID: NBG009768T
GM Part#: 13502537

2010-2012 Cadillac SRX
2010-2012 Cadillac Escalade



PSA PEUGEOT-CITROEN

E28CI01B
E25CI009
E33CI002
21676652



MITSUBISHI

G8D-644M-KEY (434MHZ) F7952A
Chip marking: F7952A



RANGE ROVER SMART KEY

5E0U40247 (434MHZ)
YWX000061 (434MHZ) Visteon
YWX000071 (315MHZ) Visteon



RENAULT

AK010008 Fluence 3Btn (433MHZ)



Dacia 2 Button

RENAULT, DACIA 805673071R (Remote Key
2Button), 433MHz,



Clio 4 Hands free

RENAULT285971998R(Comfort Access Card
, 433MHz, Hitag-AES chip marking:F7953MC2200



Clio4 Non Hands Free

RENAULT 285971998RComfortAccess Card

433MHz, Hitag-AES, chip marking:F7953MC2200



PORSCHE

PCF7945 7PP959753BN (434MHZ)



AUDI

8T0959754D (868MHZ)
05/06)

(PCB code: 233 – 453 – 111 –

8T0959754G (315MHZ-Smart)
05/06)

(PCB code: 233 – 453 – 111 –

8T0959754 (433MHZ)
05/06)

(PCB code: 233 – 453 – 111 –

4H0959754K (868MHZ-Smart)
05/06)

(PCB code: 233 – 453 – 111 –

4H0959754G (315MHZ-Smart)
05/06)

(PCB code: 233 – 453 – 111 –

4G0959754K (868MHZ-Smart)
05/06)

(PCB code: 233 – 453 – 111 –



VOLVO

5WK49266 (900MHZ-Smart)



NISSAN

4 Button

433 MHz Hitag-3 (PCB code : A2C53405173)

315MHzHitag3(PCBcodeA2C53188764)



5 Button

433 MHz Hitag-3 (PCB code : A2C53408715)

315MHzHitag3(PCBcodeA2C53188764)



key makers

Audi

A4

M13,93C46

A6

(...-1997)

M13,93C46

(1998-2001)

ID48,93C66/86 (VDO Dashboard)

ID8E,9S12

A8

ID48, 93LC56 (Immo 4B0 953 234)

ID48,24LC16/17 (VDO Dashboard)

ID46, 93C86 (Kessy)

Q7

ID8E ,9S12

PCF7945,BCM2

Alfa Romeo

BMW

EWS

CAS

CAS1-3,3+

CAS 4

BIKES ID46

Brilliance

ID13 ,93C46 (Delphi IMMO)

Cadillac

M48,MC68HC908AS32-J27F

(Delphi PASS-Key 3 +)

ID46 95040

(immo bocsh , steering column)

145

ID33,93C46 (immo Bosch)

147

M48,HC912 (Magneti Marelli BSI)

155

ID33,93C46 (immo Bosch)

156

ID44,93C56 (immo Bosch)

159

M48,HC912 (Magneti Marelli BSI)

164

ID33,93C46 (immo Bosch)

166

ID44,93C56 (immo Bosch)

GTV

ID33,93C46 (immo Bosch)

Spider

ID33,93C46 (immo Bosch)

GT

M48,HC912 (Magneti Marelli BSI)

MITO

ID46,93C86 (Delphi BSI)

Acura

ID46,24C04(immo valeo)

Citroen

BSI

ID46,95C160/95C320/95C340 (BSI Magneti Marelli)
ID46,25160 (BSI Siemens VDO)
ID46 25128 (BSI Siemens VDO)
ID46,25128 (BSI Valeo)
ID46,25160 (BSI Valeo)
ID46,68HC912DG128 (BSI Valeo)
ID46,25128 (BSI Johnson Control)
ID46,68HC912DG128 (BSI Sagem)

Berlingo

ID33,93C46 (immo valeo)
ID46,25160 (BSI Siemens)
ID46,25160 (BSI Valeo)
ID46,25128 (BSI Johnson Control)

C-Crosser

ID46 ,24C16 (Immobox Omron)

Evasion

ID33,MC68HC95E6 (immo Siemens)
ID33,93C66/95040 (TEXTON CPH)

Jamper

(...-2001) ID13,93C46(Delphi immo)
(...-2006) ID48,93C56 (Delphi immo)
(2006-...) ID48,95C160/95C320 (Magneti Marelli BSI)
(2006-...) ID46,95C160/320/640 (Magneti Marelli BSI)

Jumpy

ID33,MC68HC05E6 (IMMO Siemens)
ID33,93C66/95040 (TEXTON CPH)
ID46,25128 (BSI Valeo)

Relay

(...-2001) ID13,93C46 (Delphi immo)
(...-2006) ID48,93C56 (Delphi immo)
(2006-...)(2006-...) ID46,95C160/320/640 (Magneti Marelli BSI)

Saxo

ID33,93C46 (immo valeo)

Xsara

ID33,93C66/95040 (Texton CPH)

Xantia

ID33,93C66/95040 (Texton CPH)

Nemo

ID46,93C86 (Delphi BSI)

C2

ID46,25160 (BSI Siemens)

C3

ID46,25160 (BSI Siemens)

C4

ID46,25128 (BSI Johnson Control)

C5

ID46,68HC912DG128 (BSI Sagem)

ID46,25128 (BSI Johnson Cont

Chery

ID40,MC68HC08AB16/AB32

ID46,24C02

Chevrolet

IMMO

ID48, MC68HC908AS32-J27F (Delphi PASS-Key 3+)

ID48,93C56

ID60, MC68HC705B32-J27F (UCH Siemens)

ID46,24C16 or 25160 (CM bosch)

ID46,MC9S12B128 (GM Passkey immobox)

ID46,95040 (immo Bosch,steering column)

Aveo

ID48,93C56

ID46,24C16 or 25160 (BCM bosch)

Captiva

ID46,95040 (immo Bosch,steering column)

Cruze

ID46,24C16 or 25160 (BCM bosch)

Epica

ID60, MC68HC705B32 (UCH Siemens)

Evanda

ID60, MC68HC705B32 (UCH Siemens)

Kalos

ID48,93C56

Lacetti

ID48,93C56

Malibu

ID46,MC9S12B128 (GM Passkey immobox)

Spark

ID48,93C56

Tacuma

ID48,93C56

Cobalt

ID46,95040 (immo Bosch,steering column)

Trail Blazer

ID48, MC68HC908AS32-J27F (Delphi PASS-Key 3+)

Tahoe

ID48, MC68HC908AS32-J27F (Delphi PASS-Key 3+)

Silverado

ID48, MC68HC908AS32-J27F (Delphi PASS-Key 3+)

Suburban

ID48, MC68HC908AS32-J27F (Delphi PASS-Key 3+)

Chrysler**IMMO**

ID64,MC68HC08AZ32 (Immo Simiens VDO)

ID64,24C02 (immobox simiens vdo)

ID46,9S12DG128B (immobox lear)

ID46,93C86 (Immo Simiens VDO)

ID46,95080 (Immo Simiens VDO)

ID46,24C16 (immobox OMRON)

PT Cruiser

ID64,MC68HC08AZ32 (Immo Simiens VDO)

Sebring

ID64,MC68HC08AZ32 (Immo Simiens VDO)

Pacifica

ID46,95080 (Immo Simiens VDO)

300C

ID46,9S12DG128B (immobox lear)

ID46,95080 (Immo Simiens VDO)

300M

ID64,24C02 (Immo Simiens VDO)

Voyager

ID64,24C02 (Immo Simiens VDO)

ID64,95080 (Immobox Simiens VDO)

Intrepid

ID64,MC68HC08AZ32 (Immo Simiens VDO)

Town Country

ID64,95080 (Immobox Simiens VDO)

Daewoo**Espero**

ID13,MC68HC05B8

Lanos

ID13,MC68HC05B8

Leganza

ID13,MC68HC05B8

ID48,93C56

Matiz

ID13,MC68HC05B8

ID48,93C56

Nexia

ID13,MC68HC05B8

Nubira

ID13,MC68HC05B8

ID48,93C56

Windstorm

ID46,95040 (immo Bosch,steering column)

Daf

ID48,68HC908AZ60 (VDO immo)

Dacia**Logan**

ID46,93C66 (UHC Siemens)

Logan MPV

ID46,93C66 (UHC Siemens)

Sandero

ID46,93C66 (UHC Siemens)

Solenza

ID46,93C66 (UHC Siemens)

Super Nova

ID33,93C46 (immo sagem)

Dodge**IMMO**

ID64,MC68HC08AZ32 (Immo Simiens VDO)

ID64,24C02 (Immobox Simiens VDO)

ID46,9S12DG128B (immobox lear)

ID46,93C86 (Immobox Simiens VDO)

ID46,95080 (Immobox Simiens VDO)

ID46 ,24C16 (Immobox Omron)

Avenger

ID46 ,24C16 (Immobox Omron)

Caliber

ID46 ,24C16 (Immobox Omron)

Nitro

ID46 ,24C16 (Immobox Omron)

Ram

ID64,24C02 (Immobox Simiens VDO)

ID46 ,24C16 (Immobox Omron)

Stratus

ID64,MC68HC08AZ32 (Immo Simiens VDO)

Journey

ID46,93C86 (Immobox Simiens VDO)

Ducati**Hypermotard****2013+**

ID6F(80Bit),24c02 (Dashboard MAE)

Hyperstrada

2013+

ID6F(80Bit),24c02 (Dashboard MAE)

ID4D-6F (DST80)

Fiat

IMMO

ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

ID11,MC68HC705E6 (Magneti Marelli IMM001)

ID13,93C46 (Delphi IMMO)

ID33,MC68HC05E6 (ImmoBox Simiens)

ID33,93C66/95040 (Texton CPH)

ID48,93 C56 (Delphi IMMO)

ID48,93C66 (Delphi BSI)

ID48,HC912 (Magneti Marelli BSI)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320 (Magneti Marelli BSI)

ID46,MC9S12DG128 (Simiens VDO BSI)

ID46 BSI DELPHI (93C86)

Albea

ID48,93C66 (Delphi BSI)

ID48,HC912 (Magneti Marelli BSI)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Barchetta

ID13,93C46 (Delphi IMMO)

Brava

ID13,93C46 (Delphi IMMO)

Bravo

ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

ID11,MC68HC705E6 (Magneti Marelli IMM001)

ID13,93C46 (Delphi IMMO)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Cinquecento

ID13,93C46 (Delphi IMMO)

Doblo

ID48,93C66 (Delphi BSI)

ID48,HC912 (Magneti Marelli BSI)

Ducato

ID13,93C46 (Delphi IMMO)

ID48,93C46 (Delphi IMMO)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Fiorino

ID11,MC68HC705E6 (Magneti Marelli IMM001)

Grande Punto

ID46, 93C86 (Delphi BSI)

Marea

ID11,MC68HC705E6 (Magneti Marelli IMM001)

ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

Marengo

ID13,93C46 (Delphi IMMO)

Palio

ID11,MC68HC705E6 (Magneti Marelli IMM001)

ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

ID48,HC912 (Magneti Marelli BSI)

Panda

ID13,93C46 (Delphi IMMO)

ID64,MC9S12DG128 (BSI Simiens VDO)

Punto

ID13,93C46 (Delphi IMMO)

ID48,93C66 (Delphi BSI)

ID48,HC912 (Magneti Marelli BSI)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Qubo

ID46, 93C86 (Delphi BSI)

Scudo

ID33,MC68HC05E6 (ImmoBox Simiens)

ID33,93C66/95040 (Texton CPH)

Siena

ID48,93C66 (Delphi BSI)

Seicento

ID13,93C46 (Delphi IMMO)

ID48,93C56 (Delphi IMMO)

Stilio

ID48,HC912 (Magneti Marelli BSI)

ID48,95C160/95C320 (Magneti Marelli BSI)

ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Strada

ID48,93C66 (Delphi BSI)

Tempra

ID13,93C46 (Delphi IMMO)

Ulysse

ID33,MC68HC05E6 (ImmoBox Simiens)

ID33,93C66/95040 (Texton CPH)

Ford

C-Max

ID63,MC9S12 (Visteon Dashboard)

ID4D-6F (DST80), BSI LEAR (MC9S12XEP)

Escort

ID4C,TMS (Ford EEC ECU)

Focus

ID4C,ST77014/95040 (EEC-V Visteon ECU)
ID63, ST77014/95040 (Visteon ECU)
ID63,MC9S12 (Visteon Dashboard)
ID6F-63,MC9S12XEP100 (LEAR BSI)
ID6F-63,MC9S12XEP768(LEAR BSI)

Fiesta

ID4C,ST77014/95040 (EEC-V Visteon ECU)
ID63,MC9S12 (Visteon Dashboard)
ID63,93C86 (ECU Siemens SIM210)

Fusion

ID63,93C86 (ECU Siemens SIM210)

Galaxy

ID33,24C02 (Immo 5WK4778)
ID42,TMS370C702 (VW IMMO2)
ID44,ST77014 (Visteon engine ECU)
ID44,24C04 (VW IMMO3)

Mondeo

ID4C,TMS370C702 (Ford ECC-V ECU)
ID4C,TMS370C702 (Ford PATS Control Module)
ID63,ST77014/95040 (Visteon ECU)

Transit

(1995 - ...) ID4C,TMS370C702 (Ford PATS Control Module)
(2000 - ...) ID63,ST77014/95040 (Visteon ECU)
(2007 - ...) ID63,9S12DG256 (BCM Siemens VDO)

Connect

ID63,MC9S12 (Visteon Dashboard)
ID60,95160/95320 (Delphi ECU)

Courier

ID4C,ST77014/95040 (EEC-V Visteon ECU)

KA

ID4C,ST77014/95040 (EEC-V Visteon ECU)

Gelly**Emgrand**

ID46,24C02

Great Wall

ID46,24C02

Honda**Accord****1999-2009**

ID13,93C46 (immo Megamos)
ID33,MC68HC05 (immo valeo)
ID48,93C46 (Honda Lock HIS-5)
ID46,24C04 (immo Valeo) or 93c66 (Honda Lock)

2010-....

ID46,93C66 (Honda Lock)

Civic

ID13,93C46 (immo Megamos)
ID33,MC68HC05 (immo valeo)
ID48,93C46 (Honda Lock HIS-5)

ID46**2006-2009**

ID46,24C04 (immo Valeo) or 93c66 (Honda Lock)

2010-....

ID46,93C66 (Honda Lock)

CRV**1995-....**

ID13,93C46 (immo Megamos)

1999-2006

ID13,93C46 (Honda Lock HIS-5) USA ver.
ID48,93C46 (Honda Lock HIS-5)

2006-2009

ID46,24C04 (immo Valeo) or 93c66 (Honda Lock)

2010-....

ID46,93C66 (Honda Lock)

Integra

ID13,93C46 (immo Megamos)

Insight

ID46,93C66 (Honda Lock)

Legend

ID13,93C46 (immo Megamos)

Odyssey

ID46,24C04 (immo Valeo) or 93c66 (Honda Lock)

Passport

ID13,93C46 (immo Megamos)

Prelude

ID13,93C46 (immo Megamos)

Shuttle

ID13,93C46 (immo Megamos)

Jazz

ID13,93C46 (Honda Lock HIS-5) USA ver.
ID48,93C46 (Honda Lock HIS-5)

BIKES

ID46

Hummer**H2**

ID46,95040 (immo Bosch , steering column)

Hyundai

IMMO

4C,93C56 (Immo SHINCHANG SIS-01)
4C,93C66 (Immo SHINCHANG SIS-03)
4C,93C66 (Immo SHINCHANG SIS-04)
ID60,93C56 (Immo SHINCHANG SIS-01)
ID60,93C46 (Immo SHINCHANG SIS-05)
ID60,93C66 (Immo SHINCHANG SIS-07)
ID46,95040/160/320/95P08 (ECU Bosch / Kefico)
ID46,TC1766 (Bosch ECU ME17.9.1x)
ID46,29F400 (ECU Siemens SIM43)
ID46 (ECU Siemens SIM2K)
ID46 Smart System

Tucson

ID60,93C66 (Immo SHINCHANG SIS-07)
ID46,95040/160/320/95P08 (ECU Bosch / Kefico)
ID46,29F400 (ECU Siemens SIM43)

Solaris

ID46,TC1766 (Bosch ECU ME17.9.1x)

Accent

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Getz

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Santa Fe

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)
ID60,93C56 (Immo SHINCHANG SIS-01)

Sonata

ID46,29F400 (ECU Siemens SIM43)
ID60,93C56 (Immo SHINCHANG SIS-01)

I10

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

I30

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

H-1

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)
ID60,93C56 (Immo SHINCHANG SIS-01)

Trajet

ID60,93C56 (Immo SHINCHANG SIS-01)

Elantra

ID60,93C56 (Immo SHINCHANG SIS-01)

H200

4C,93C56 (Immo SHINCHANG SIS-01)
4C,93C66 (Immo SHINCHANG SIS-03)

Lantra

4C,93C66 (Immo SHINCHANG SIS-03)

Starex

4C,93C66 (Immo SHINCHANG SIS-03)

Galloper

4C,93C56 (Immo SHINCHANG SIS-01)
4C,93C66 (Immo SHINCHANG SIS-03)

Terracan

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Haima

Happin

ID46,24C02

JEEP

IMMO

ID64,MC68HC08AZ32 (immobox simiens vdo)
ID64,24C02 (immobox simiens VDO)
ID46,9S12DG128B (immobox lear)
ID46,93C86 (Immo Simiens VDO)
ID46,95080 (Immo Simiens VDO)
ID46,24C16 (immobox OMRON)

Cherokee

ID64,24C02 (immobox simiens VDO)
ID46,24C16 (immobox OMRON)

Grand Cherokee

ID64,MC68HC08AZ32 (immobox simiens vdo)
ID46,9S12DG128B (immobox DaimlerChrysler)
ID46,24C16 (immobox OMRON)

Wrangler

ID64,24C02 (immobox simiens VDO)
ID46,24C16 (immobox OMRON)

Patriot

ID46,24C16 (immobox OMRON)

Compass

ID46,24C16 (immobox OMRON)

Jaguar

S-Type

ID63,MC68HC11KS8/0H98X (Visteon Dashboaed)
ID63,MC68HC912DG128/0K50E (Visteon Dashboaed)
ID63,MC68HC912D60/0K75F(Visteon Dashboaed)
ID63,MC9S12H256/1K78X (Visteon Dashboaed)

X-Type

ID63,MC68HC11KS8/0H98X (Visteon Dashboaed)
ID63,MC68HC912DG128/0K50E (Visteon Dashboaed)
ID63,MC68HC912D60/0K75F(Visteon Dashboaed)
ID63,MC9S12H256/1K78X (Visteon Dashboaed)

Isuzu

Gemini

ID13,93C46 (immo Megamos)

Trooper

ID4C,93LC66 (immo TOKAI RIKA)

ID64,93LC66 (immo TOKAI RIKA)

ID13,93C46 (immo Megamos)

ID48,93C46 (immo Megamos)

Big Horn

ID64,93LC66 (immo TOKAI RIKA)

Forward

ID46,93C66 (Immobox Simiens VDO)

Iveco

Daily

...-2001

ID33,93C46 (Immo Bosch)

2001-2007

ID46,93C56 (Immo Bosch)

2007-...

ID48,95C160/95C320 (Magneti Marelli BSI)

2011-...

ID46,95C160/95C320 (Magneti Marelli BSI)

Eurocargo

ID46,93C56 (Immo Bosch)

ID48,95C160/95C320 (Magneti Marelli BSI)

Stralis

ID46,93C56 (Immo Bosch)

TRUCKS

ID46, VIM210

Kawasaki

ID62,93C66

Kia

IMMO

ID60,93C56 (Immo SHINCHANG SIS-01)

ID60,93C46 (Immo SHINCHANG SIS-05)

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

ID46,TC1766 (Bosch ECU ME17.9.1x)

ID46,29F400 (ECU Siemens SIM43)

ID46 (ECU Siemens SIM2K)

ID46 Smart System

Rio

ID60,93C46 (Immo SHINCHANG SIS-05)

ID46,TC1766 (Bosch ECU ME17.9.1x)

Sorento

ID60,93C56 (Immo SHINCHANG SIS-01)

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Carnival

ID60,93C56 (Immo SHINCHANG SIS-01)

Carens

ID60,93C46 (Immo SHINCHANG SIS-05)

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Clarence

ID60,93C46 (Immo SHINCHANG SIS-05)

Cerato

ID46,TC1766 (Bosch ECU ME17.9.1x)

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Ceed

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Picanto

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Spportage

ID60,93C46 (Immo SHINCHANG SIS-05)

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

Joice

ID60,93C46 (Immo SHINCHANG SIS-05)

Magentis

ID60,93C56 (Immo SHINCHANG SIS-01)

Bongo

ID46,95040/160/320/95P08 (ECU Bosch / Kefico)

KTM

Duke

ID60,9S12P128 (immobox ZADI)

ID60,24C04 (immobox ZADI)

660

ID60,9S12P128 (immobox ZADI)

ID60,24C04 (immobox ZADI)

990

ID60,9S12P128 (immobox ZADI)

ID60,24C04 (immobox ZADI)

1190

ID60,9S12P128 (immobox ZADI)

ID60,24C04 (immobox ZADI)

Lanica

Dedra

ID11,MC68HC705E6 (Magneti Marelli IMM001)

ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

Kappa

ID33,93C46 (immo Bosch)

Kappa coupe

ID33,93C46 (immo Bosch)

Thesis

ID48,HS912 (Magneti Marelli BSI)

Ypsilon

ID11,MC68HC705E6 (Magneti Marelli IMM001)
ID11,MC68HC908AZ32 (Magneti Marelli IMM110)
ID48,95C160/95C320 (Magneti Marelli BSI)
ID46,95C160/95C320 (Magneti Marelli BSI)

Musa

ID46,95C160/95C320 (Magneti Marelli BSI)

Lincoln

Town Car

(2003 - ...) ID63, ST77014/95040 (Visteon ECU)

Land Rover

Range Rover

PCF7935,MC68HC11EA9/MC68HC9S12 (EWS)
ID46,MC9S12DG128 (Immo YWC500233)
ID46,PIC18F252 (Immo SAWDOC,YWC000960)

Freelander

PCF7935, MC68HC9S12 (EWS)
ID46,MC9S12DG128 (Immo YWC500233)
ID46,PIC18F252 (Immo SAWDOC,YWC000960)

MAN

TGA

ID13,25Cxxx (VDO FFR)

Mazda

323

ID33,MC68HC05B6 (immo Lucas)
ID12,MC68HC705P3 (immo Temic)

626

ID33,MC68HC05B6 (immo Lucas)
ID12,MC68HC705P3 (immo Temic)

3

ID63,93C56 or 93C66 (Dashboard)

5

ID63,93C56 or 93C66 (Dashboard)

6

ID63,93C56 or 93C66 (Dashboard)
ID63,93C66
ID63,24C02 (ECU Mitsubishi)

CX-7

ID63,93C56 or 93C66 (Dashboard)
ID63,24C04 (ECU Mitsubishi)

MX-5

ID33,MC68HC05B6 (immo Lucas)

RX-8

ID63,24C02 (immo Visteon)

Mercedes Benz

Actros

ID13,93Cx6 (Temic ECU)
ID13,95640 (Temic ECU)

Atego

ID13,93Cx6 (Temic ECU)
ID13,95640 (Temic ECU)

Axor

ID13,93Cx6 (Temic ECU)
ID13,95640 (Temic ECU)

ML

AAM
EAM

Sprinter

ID12,MC68HC908AZ32 or MC68HC05X16 (immo Temic)

Vito

ID12,MC68HC908AZ32 or MC68HC05X16 (immo Temic)

W140

PCF7935,MC68HC05X32 (immo Simiens)

W168

PCF7935,MC68HC05X32 (immo Simiens)

W210

PCF7935,MC68HC05X32 (immo Simiens)

Mitsubishi

IMMO

ID46,24C01 (Immo Mitsubishi MR587993)
ID46,24C02 (Immo Mitsubishi MN141557)
ID46,24C16 (Immo OMRON)
ID46,MC9S12DT128 (Siemens VDO ETACS)
ID46,93C76 (Mitsubishi ETAC5-59)
ID46,95320 (Omron ETACS)
ID61,MC68HC805P18 (immo Mitsubishi)

Carisma

(...-2000) ID73,93C46 (Bosch Catronic)
(2000-...) ID44,93C56 (Bosch VIM205)

Colt

ID4C,X24C01 (immo Mitsubishi)
ID46,MC9S12DT128 (ETACS Siemens VDO)

Galant

ID4C,X24C01 (immo Mitsubishi)
ID46,93C76 (Mitsubishi ETAC5-59)

Grandis

ID46,24C02 (Immo Mitsubishi MN141557)

L200

ID46,24C02 (Immo Mitsubishi MN141557)
ID46,95320 (Omron ETACS)

Lancer

ID4C,X24C01 (Immo Mitsubishi)
ID46,24C01 (Immo Mitsubishi MR587993)
ID46,24C02 (Immo Mitsubishi MN141557)
ID46,24C16 (Immobox OMRON)

Magma

ID33,93C56 (Bosch Cartronic)

Nativa

ID46,24C02 (Immo Mitsubishi MN141557)

Outlander

ID46,24C16 (Immobox OMRON)

Pajero

ID4C,X24C01 (Immo Mitsubishi)
ID46,24C01 (Immo Mitsubishi MR587993)
ID46,24C02 (Immo Mitsubishi MN141557)

Space Star

ID44,93C56 (Bosch VIM205)

Canter Fuso

ID60,93C66 (mmobox Tokai-Rika)

Maserati

Grandturismo

M48,HC912 (Magneti Marelli BSI)

GT

ID11,MC68HC705E6 (Magneti Marelli IMM001)
ID11,MC68HC908AZ32 (Magneti Marelli IMM110)

Quattroporte

M48,HC912 (Magneti Marelli BSI)

Vanete

ID33,68HC05 (NATS-2)

Mini

Cooper

EWS4.3

Nissan

IMMO

ID33,68HC05 (NATS-2)
ID41,TMS (NATS-4)
ID60,TMS/ST (NATS-5)
ID46,95080 (BCM Johnson Controls)
ID46,93C66 (Sagem UCH#2)
ID46,93C66 (Dashboard)
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)
ID46,93C66 (BCM Siemens VDO)
ID46,MC9S12XDT384-1L15Y (BCM Siemens VDO)

Almera

ID41,TMS (NATS-4)
ID60,TMS/ST (NATS-5)

Almera Classic

ID46,93C66 (Dashboard)

Cabstar

ID46,93C66 (BCM Siemens VDO)
ID46,MC9S12XDT384-1L15Y (BCM Siemens VDO)

Interstar

ID46,93C66 (Sagem UCH#2)

Maxima

ID33,68HC05 (NATS-2)
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)

Micra

ID33,68HC05 (NATS-2)
ID41,TMS (NATS-4)
ID46,95080 (BCM Johnson Controls)

Murano

ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)

Navara

ID60,TMS/ST (NATS-5)
ID46,93C66 (BCM Siemens VDO)
ID46,MC9S12XDT384-1L15Y (BCM Siemens VDO)

Note

ID46,95080 (BCM Johnson Controls)
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)

Pathfinder

ID60,TMS/ST (NATS-5)
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)
ID46,MC9S12XDT384-1L15Y (BCM Siemens VDO)

Patrol

ID60,TMS/ST (NATS-5)

Primera

ID41,TMS (NATS-4)
ID33,68HC05 (NATS-2)

Pulsar

ID33,68HC05 (NATS-2)

Serena

ID33,68HC05 (NATS-2)

Sunny

ID33,68HC05 (NATS-2)

Terrano

ID33,68HC05 (NATS-2)

Tiida

ID46,95080 (BCM Johnson Controls)
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)

Qashqai

ID46,MC9S12XDT384-1L15Y
(BCM Siemens VDO 5WK46484) **Versa**
ID46,93C56/66 (UCH Calsonic Kansei, NATS-6)

Opel

Immobox

ID4C,93LC66 (immo TOKAI RIKA)
ID64,93LC66 (immo TOKAI RIKA)
IMMO-1 (ID33,MC68HC05B16)
IMMO-2 (ID40,TMS370C702 or MC68HC08AB16)
ID33,93C46 (immo Sagem)
ID13,93C46 (immo Megamos)
ID48,93C46 (immo Megamos)
CIM-modules

BCM/UHC

ID46,93C66 (Sagem UCH)
ID46,24C16 or 25160 (BCM bosch)
ID46,95080 (Johnson Controls UCH #1)

ECU

ID46,93C66 (Suzuki engine ECU)

Antara

ID46,95040

Agila

ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)
ID46,93C66 (Suzuki engine ECU)

Astra F

ID33,MC68HC08AB16 (IMMO1)

Astra G

ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Astra J

ID46,24C16 or 25160 (BCM bosch)

Astra H

ID46,25160 or MC9S12DT128B (CIM Valeo)

Calibra

ID33,MC68HC08AB16 (IMMO1)

Corsa B

ID33,MC68HC08AB16 (IMMO1)

Corsa C

ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Corsa D

ID46,93C86 (BCM Delphi)

Combo B

ID33,MC68HC08AB16 (IMMO1)

Combo C

ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Frontera

...-1999

ID13,93C46 (immo Megamos)

1999-...

ID13,93C46 (immo Megamos)

Meriva

ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Movano

ID33,93C46 (immo Sagem)
ID46,93C66 (Sagem UCH)
ID46,95080 (Johnson Controls UCH #1)

Monterey

ID4C,93LC66 (immo TOKAI RIKA)
ID64,93LC66 (immo TOKAI RIKA)

Omega

ID33,MC68HC08AB16 (IMMO1)
ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Sintra

ID33,MC68HC08AB16 (IMMO1)
ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Signum

ID46,93C76 (CIM Delphi)

Tigra

ID33,MC68HC08AB16 (IMMO1)
ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Vectra

ID33,MC68HC08AB16 (IMMO1)
ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Vectra C

ID46,MC68HC908AZ60 (CIM Delphi)
ID46,93C76 (CIM Delphi)

Vivaro

ID46,93C66 (Sagem UCH)
ID46,95080 (Johnson Controls UCH #1)

Zafira

ID33,MC68HC08AB16 (IMMO1)
ID40,TMS370C702 (IMMO2)
ID40,MC68HC08AB16 (IMMO2)

Zafira B

ID46,25160 (CIM Valeo)
ID46,MC9S12DT128B (CIM Valeo)

Peugeot**IMMO**

ID46,93C86 (Delphi BSI)
ID46,24C16 (Immobox OMRON)
ID46,95C160/95C320/95C640 (Magneti Marelli BSI)
ID46,25160 (BSI Siemens VDO)
ID46,25128 (BSI Siemens VDO)
ID46,68HC912DG128 (BSI Valeo)
ID46,25160 (BSI Valeo)
ID46,25128 (BSI Valeo)
ID46,95040 (BSI Valeo)
ID46,25128 (BSI Johnson Control)
ID46,68HC912DG128 (BSI Sagem)
PSA PINs search + Makers

106

ID33,93C46 (immo Valeo)

107

ID67,24C04

206

ID46,25160 (BSI Siemens VDO)

207

ID46,25128 (BSI Valeo)

306

ID33,MC68HC05E6 (immo Siemens)
ID33,93C66/95040 (Texton CPH)

307

ID46,25160 (BSI Valeo)
ID46,68HC912DG128 (BSI Valeo)
ID46,25128 (BSI Johnson Control)

308

ID46,25128 (BSI Johnson Control)

406

ID33,93C46 (immo Valeo)
ID45,03C66 (Siemens BSI)
ID46,95040 (BSI Valeo)

407

ID46,25128 (BSI Siemens VDO)
ID46,25128 (BSI Johnson Control)

806

ID33,MC68HC05E6 (immo Siemens)

4007

ID46,24C16 (Immobox OMRON)

5008

ID46,24C16 (Immobox OMRON)

Boxer

ID48,93C56 (Delphi IMMO)
ID48,95C160/95C320 (Magneti Marelli BSI)
ID46,95C160/95C320/95C640 (Magneti Marelli BSI)

Expert

ID33,MC68HC05E6 (immo Siemens)
ID46,25128 (BSI Valeo)

Partner

ID33,93C46 (immo Valeo)
ID46,25160 (BSI Siemens)
ID46,25160 (BSI Valeo)
ID46,25128 (BSI Johnson Control)

Ranch

ID33,MC68HC05E6 (immo Siemens)

Bipper Tepee

ID46,93C86 (Delphi BSI)

GREAT WALL**IMMO**

ID48, immo Delphi (93C66 SOT23)

Porsche

ID46,93C86 (Immo Kessy)
HT-Pro,9S12

Renault**IMMO**

ID13,93C46 (Immo Texton)
ID33,93C46 (Immo Sagem)
ID33,93C46 (immo Valeo)
ID33,MC68HC908AZ (BSI Valeo)
ID46

UHC

ID46,Autodetect UCH
ID46,93C66 (UHC Siemens)
ID46,9S12DG256 (UHC Siemens)
ID46,93C66 (Sagem UCH#1)
ID46,MC68HC912DG128 (Sagem UCH#2)
ID46,95160 (Sagem UCH #3)
ID46,95080 (Johnson Controls UCH #1)
ID46,95160 (Johnson Controls UCH #2)
ID46,95160 (Johnson Controls UCH #3)
ID46,93C66 (Johnson Controls UCH #4)
ID46,95040 (Continental UCH)

Clio
Clio I
ID33,93C46 (Immo Sagem)
Clio II
ID46,93C66 (UHC Siemens)

Clio III
ID46,95160 (Johnson Controls UCH #2)
Clio Symbol
ID46,93C66 (UHC Siemens)
ID46,95040 (Continental UCH)

Espace
(...-1998) ID33,93C46 (immo Valeo)
(1998-2002) ID33, MC68HC908AZ (Valeo BSI)
Espace IV
ID46,95160 (Sagem UCH)

Kangoo
(...-2001) ID33,93C46 (immo Sagem)
(2002-2007) ID46,93C66 (Sagem UCH #2)
(2007-...) ID46,95080 (Johnson Controls UCH #1)
(2008-...) ID46,95160 (Johnson Controls UCH #3)

Laguna
Laguna I
ID33,93C46 (immo Valeo)

Laguna I Ph2
ID46,MC68HC912DG128 (Sagem UCH)
Laguna II
ID46,MC68HC912DG128 (Sagem UCH)
Laguna II Ph2
ID46,95160 (Sagem UCH)

Logan
ID46,93C66 (UCH Siemens)
ID46,93C66 (UCH Johnson Controls)
ID46,95040 (Continental UCH)

Duster
ID46,93C66 (UCH Johnson Controls)
ID46,95040 (Continental UCH)

Master
(...-2001) ID33,93C46 (immo Sagem)
(2002-2007) ID46,93C66 (Sagem UCH #2)
(2007-...) ID46,95080 (Johnson Controls UCH #1)

Magane
Magane I
ID60,MC68HC70B32 (UCH Siemens)
Magane II
ID46,9S12DG256 (UCH Siemens)

Modus
ID46,95160 (Johnson Controls UCH #2)

Safrane
ID33,93C46 (immo Valeo)

Sandero
ID46,93C66 (UCH Johnson Controls)
ID46,95040 (Continental UCH)

Scenic
Scenic I
ID60,MC68HC70B32 (UCH Siemens)
Scenic II
ID46,9S12DG256 (UCH Siemens)

Symbol
ID46,93C66 (UCH Siemens)
ID46,95040 (Continental UCH)

Trafic
(...-2001) ID33,93C46 (Immo Sagem)
(2002-2007) ID46,93C66 (Sagem UCH #2)
(2007-...) ID46,95080 (Johnson Controls UCH #1)

Twingo
(2002-2007) ID46,93C66 (Sagem UCH #2)
(2008-...) ID46,95160 (Johnson Controls UCH #3)

Rover
75
EWS3
600
ID33,MC68HC05 (immo Valeo)
618
ID33,MC68HC05 (immo Valeo)
620
ID33,MC68HC05 (immo Valeo)

800
ID33,MC68HC05 (immo Valeo)

Land Rover
Range Rover
PCF7935,MC68HC11EA9/MC68HC9S12 (EWS)
ID46,MC9S12DG128 (Immobox YWC500233)
ID46,PIC18F252 (Immobox SAWDOC,YWC000960)

Frelander
PCF7935,MC68HC11EA9/MC68HC9S12 (EWS)
ID46,MC9S12DG128 (Immobox YWC500233)
ID46,PIC18F252 (Immobox SAWDOC,YWC000960)

Renault Truks

Midlum

ID13,93C46 (immo Texton)

ID46,95040 (immo Delphi)

Magnum

ID13,93C46 (immo Texton)

ID46,95040 (immo Delphi)

Premium

ID13,93C46 (immo Texton)

ID46,95040 (immo Delphi)

SAAB

9-3, 9-5

(...-2003) ID33,68HC705X32 (Alarm TWICE Unit)

(2003-...) ID46,93LC46A (CIM)

Seat

Arosa

ID44,TMS370C702 (VW IMMO2, Siemens)

Cordoba Vario

ID44,TMS370C702 (VW IMMO2, Siemens)

Ibiza

ID44,TMS370C702 (VW IMMO2, Siemens)

Inca

ID44,TMS370C702 (VW IMMO2, Siemens)

Suzuki

Bikes

ID62,93C66 (ECU Denso)

Alto

ID60,24C01 (immo Mitsubishi X1T12481M)

Ignis

ID60,24C01 (immo Mitsubishi X1T12481M)

Jimny

ID60,24C01 9(immo Mitsubishi X1T12481M)

Baleno

ID4C,93C66 (Immobox Suzuki)

Grand Vitara

ID66,93C66 (immobox TOKAI RIKA)

ID46,93C56 (Denso ECU)

ID46,24C01 (Immo Mitsubishi)

ID46,93C66 (Suzuki engine ECU)

Liana

ID66,93C66 (immobox TOKAI RIKA)

Swift

ID46,93C56 (Denso ECU)

ID46,93C86 (OMRON BCM)

ID46,93C66 (Suzuki engine ECU)

SX4

ID46,TriCore TC1762 (BOSCH ECU)

Splash

ID46,93C66 (Suzuki engine ECU)

Subaru

Impreza

ID33,68HC05 (NATS-2)

ID62,24C01

ID6F (80BIT),2402 (BCM Mitsubishi)

ID4D-6F(DST80)

Forester

ID62,24C01

ID6F (80BIT),2402 (BCM Mitsubishi)

Outback

ID33,68HC05 (NATS-2)

ID62,24C01

ID6F (80BIT),2402 (BCM Mitsubishi)

Legacy

ID33,68HC05 (NATS-2)

ID62,24C01

ID60,MC68HC805P18 (immo Mitsubishi)

ID6F (80BIT),2402 (BCM Mitsubishi)

Tribeca

ID62,24C01

Skoda

Fabia (VDO Dashboard 93C86,M48)

Octavia (VDO Dashboard 93C86,M48)

Super B (VDO Dashboard 93C86,M48)

Smart

ForFour

ID46,MC9S12DT128 (ETACS Siemens VDO)

Saipa

ID40,MC68HC08AB16/AB32

Samand

ID40,MC68HC08AB16/AB32

SsangYong

ID60,MSP430

Toyota

SMART BOX

MasterKey preparation by dump (93c86)

IMMO

ID4C,25020/25080 (Fujitsu ECU)

ID4C,25080 (Bosh ECU)

ID4C,93C56 (Denso ECU)

ID4C,93C66 (immobox TOKAI RIKA)

ID4C,MC68HC705E6/0F82B (immobox, steering column)

ID67,93C66(immobox TOKAI RIKA 89780-XXXXX)

G-chip,93C66 (immo TOYOTA 89780-XXXXX)

Avensis

ID4C,MC68HC705E6/0F82B (immobox, steering column)
ID67,24C04

Avalon

ID67,93C66(immo TOYOTA 89780-XXXXX)

Carina

4C,24C04

Camry

ID4C,93C56 (Denso ECU)
ID4C,93C66 (immobox TOKAI RIKA)
ID67,93C66(immo TOYOTA 89780-XXXXX)

Corolla

ID4C,25020 (Fujitsu ECU)
ID4C,25080 (Bosh ECU)
ID4C,93C56 (Denso ECU)
ID4C,93C66 (immobox TOKAI RIKA)
ID67,93C66(immo TOYOTA 89780-XXXXX)

Prado

ID67,93C66(immo TOYOTA 89780-XXXXX)

RAV4

ID4C,93C66 (immobox TOKAI RIKA)
ID4C,25020/25080 (Fujitsu ECU)
ID67,93C66(immo TOYOTA 89780-XXXXX)

acoma

ID67,93C66(immo TOYOTA 89780-XXXXX)

Yaris

ID4C,25020 (Fujitsu ECU)
ID4C,25080 (Bosh ECU)
ID4C,93C86 (Denso ECU)
ID67,93C66(immo TOYOTA 89780-XXXXX)

Land Cruiser**100**

ID4C,93C56 (Denso ECU)
ID67,93C66(immo TOYOTA 89780-XXXXX)

Prado 150

G-chip,93C66 (immo TOYOTA 89780-XXXXX)

Volvo**IMMO**

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)
ID48,TB28F400 (CEM)
ID46,95C320 (CEM Delphi)
ID48, MC9S12DT256 (CEM)

850

ID73,93C46 (Bosch Cartronic)

940

ID73,93C46 (Bosch Cartronic)

960

ID73,93C46 (Bosch Cartronic)

C40

ID73,93C46 (Bosch Cartronic)

C70

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)

FH12

ID44,93C56/93C66 (Volvo IMMO3)

Polar

ID73,93C46 (Bosch Cartronic)

S40

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)

S60

ID48,CEM,28F400

S70

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)

S80

ID44,93C56/93C66 (Volvo IMMO3)
ID48,TB28F400 (CEM)

V40

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)

V70

ID73,93C46 (Bosch Cartronic)
ID44,93C56/93C66 (Volvo IMMO3)
ID48, CEM 28F400

XC70

ID48, CEM 28F400

XC90

ID48, CEM 28F400

VW

Immodata (SuperVAG KEY,X-100,etc.)

IMMO

ID33,MC68HC05B16 (VW IMMO1)
ID42, TMS370C702 (VW IMMO2)
ID44,24C04 (VW IMMO3)
ID48,93LC56 (Immo 337 953 257)
ID48,93LC56 (Immo 4b0 953 234)
ID48,24C08 (Bosch Dashboard RB4/RB8)
ID48,93C56 (MotoMetr Dashboard)
ID48,93C86 (VDO Dashboard)
ID46,93C86 (Immo Kessy)

Bora

ID48,93C56 (MotoMetr Dashboard)

Bettle

ID48,HC912D60 (Dashboard Magneti Merelli)

Caddy

ID33,MC68HC05B16 (VW IMMO1)

ID42, TMS370C702 (VW IMMO2)

Crafter

ID48,MC9S12DT256/XDT384

Fox

ID48,MC9S12DT256 (Dashboard)

Gol

ID48,93C56 (Immo Delphi)

Golf III

ID33,MC68HC05B16 (VW IMMO1)

Golf IV

ID48,93C86 (VDO Dashboard)

ID48,93C56 (MotoMetr Dashboard)

ID48,24C08 (Bosch Dashboard RB4/RB8)

Golf cabrio

ID42, TMS370C702 (VW IMMO2)

Jetta

ID48,93C56 (MotoMetr Dashboard)

LT

ID12,MC68HC05X16 (Immo Temic)

Lupo

ID42, TMS370C702 (VW IMMO2)

ID44,24C04 (VW IMMO3)

Passat

(...-1998)

ID33,MC68HC05B16 (VW IMMO1)

ID13,HC11KG4 (MM Dashboard)

(1998-...)

ID48,93C86 (VDO Dashboard)

TP23,95320 (HELLA Center Convenience Module)

Polo

(...-1998) ID33,MC68HC05B16 (VW IMMO1)

(1998-2000) ID42, TMS370C702 (VW IMMO2)

(2000-...) ID44,24C04 (VW IMMO3)

(2000-...) ID48,93C86 (VDO Dashboard)

Phaeton

ID46,93C86 (Immo Kessy)

Sharan

ID33,MC68HC05B16 (VW IMMO1)

ID42, TMS370C702 (VW IMMO2)

Touareg

ID46,93C86 (Immo Kessy)

Transporter

ID33,MC68HC05B16 (VW IMMO1)

ID42, TMS370C702 (VW IMMO2)

ID44,24C04 (VW IMMO3)

Vento

ID33,MC68HC05B16 (VW IMMO1)

Vortex

ID46,24C02

Yamaha

ID69,S29190A (Immobox MORIC)