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User Manual
Jadoogar V1
Texas 4C Calculator

(Distributed By Hickleys)

Jadoogar 4C Claculator.



Dear Users

Thank you and congratulations on purchasing The JADOOGAR[®] Code Calculator!

JADOOGAR[®] is a program which will enable you to calculate the TEXAS 4C transponder key logic from the BINARY file output.

There is currently nothing like this on the market for locksmiths and there will be regular upgrades with enhanced features available to ensure that JADOOGAR[®] becomes a vital piece of equipment in your Locksmiths toolbox!



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JADOOGAR[®] is a standalone programme and once you buy a JADOOGAR[®] license, you have unlimited usage and do not have to buy tokens to upgrade usage.

If you look at the sample dump files provided from both Toyota and Lexus cars, you can see that the key logic has been calculated directly from that data. The data always comes in the form of 4 'blocks'/8 bites and these are repeated throughout the BINARY file, sometimes 3 times and sometimes 4.

NOTE: The location of the data blocks always varies. There are millions of ECUs and immobiliser code boxes in the market and it is virtually impossible to make a collection of the dump files of all of them.

The great feature of JADOOGAR[®] is that for seasoned locksmiths who are already working with EPROMs and dump files, it is very easy to use. For newcomers or beginners to the Locksmith trade, JADOOGAR[®] provides a very easy and a very safe way to start cars without damaging or corrupting the BINARY file.

How does it work?

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JADOOGAR[®] works in a very simple way.

Take the Eprom off from the immobiliser unit.



Read the Data from the eprom:



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Once you read the data from Eprom it is going to look like this:

```
File Edit View Select Operations Bookmarks NTFS Streams Tools History Window Help
toyot corolla pelly road after tango.bin
00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f
00000000 53 dd 00 00 c8 b9 00 00 5b 53 00 00 10 10 00 00 SÝ..È¹.[S.....
00000010 53 dd 00 00 74 b7 00 00 c8 b9 00 00 00 00 00 00 SÝ..t..È¹.....
00000020 53 dd 00 00 74 b7 00 00 5b 53 00 00 00 ff 00 00 SÝ..t..[S...ÿ..
00000030 5b 53 00 00 74 b7 00 00 c8 b9 df fb 00 00 00 00 [S..t..È¹Bû....
00000040 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000060 00 00 00 00 00 00 00 00 00 00 00 00 00 ff 00 00 .....ÿ..
00000070 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000080 09 d0 00 00 07 6f 00 00 03 d2 00 00 fb 10 00 00 .D...o...ó..û...
00000090 09 d0 00 00 04 30 00 00 07 6f 00 00 00 00 00 00 .D...0...o.....
000000a0 09 d0 00 00 04 30 00 00 03 d2 00 00 00 ff 00 00 .D...0...ó...ÿ..
000000b0 03 d2 00 00 04 30 00 00 07 6f 69 5a 00 00 00 00 .ó...0...oiZ....
000000c0 00 00 00 00 00 00 00 00 00 00 00 00 00 ff 00 00 .....ÿ..
000000d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
000000e0 00 00 00 00 00 00 00 00 00 00 00 00 00 ff 00 00 .....ÿ..
000000f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000100 .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..
00000110 .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..
Ready Offset: 0x00000000 (0) Size: 0x00000100 (256): 0.25 KB Hex bytes, 16, Default: ANSI OVR
```

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Save the data, and resolder the IC (Eprom) back to immo unit.



Now Calculate the Key Code by the Jadoogra 4C Calculator Using the data form bin file. (Please look into the expamples to Identify that where is the data of key)

In the above BIN SAMPLE the key data is :

DD 53 0D 09

If You enter the data which you have read it from the Binary file , then you see in the bottom picture, the data have been converted into 2 different formats to enter into the TPX1. If you are using the RW4 then use the Key Format 1: and if you using Zbull or AD900 pro or any other machine then use the Key format 2, and wirte the data in TPX1 and start the car.

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Summary of the Explanation.

1. - Take the EPROM off from the ECU or Immobiliser box
2. - read the data from it
3. - save the data into your computer or laptop
4. - solder the EPROM back to the ECU or Immobiliser box
5. - calculate the key logic using JADOOGAR[®]

Example

1. Data in the EPROM is 01 02 03 04,
2. Enter this into JADOOGAR[®] in reverse order (this is very normal when using binary language) - this becomes 04 03 02 01
3. Then calculate the code
4. Write it into the TPX1 OR SILCA EHS2 Electronic head
5. Try to start the car.
6. If the car does not start, don't worry!
7. Go back to JADOOGAR[®] and change the order from the reverse entry [04 03 02 01] to [01 02 03 04] and calculate the key logic again
8. If you are using the AD900 pro or Zbull and write key logic format 2, on the TPX1 or Silca Electronic Key Head
9. Try to start the car. The car is guaranteed to start!



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TIP! Once you manage to start one car, make a little note in your personal diary, and even print the bin file and keep it safe, for future reference!

Another benefit to using JADDOOGAR[®] is that you can create any key from the original file. It allows you create the Master key no 1, no2 or even the Slave key – all this can be done immediately using JADDOOGAR[®].

JADDOOGAR[®] is not like the other programs currently available in the market which overwrite the bin file. Using other programs you will struggle to register the new key logics in the ECUs or immobiliser boxes. Typically, even though you have registered the keys in the immobiliser boxes, the fuel pump does not recognise the keys and in the case of diesel cars, you still have a lot of difficulty starting the car. This is due to the fact that the key logic resides only in the ECU or immobiliser box. Using other programs you end up rewriting the data.

There are lots of other places where the key code should be as well, to start the car up. The beauty of JADDOOGAR[®] to calculate the original key logic from the ECU or immobiliser box, is that the car is guaranteed to start, because the key code is already written in every location where it has to be, and you are not changing anything, except generating the calculation code from the original bin file.

The only precaution you have to take is to read the EPROM safely, and mostly in 8 bit format, which is very important. For EPROMs like The Fairchild 93C56 (very common in ECUs of Lexus, and Toyota Corolla) when you read them on 8 bit format, they are equivalent in Micro Wire 16-bit format. So be careful when you read them. If it is in 16-bit format, then the data you read in original Texas Instrument Language is going to be, 01 02 and 03 04, but when you enter it into JADDOOGAR[®], it is going to be entered as 02 01 04 03, this is the way the key logic resides in the ECUs of the Lexus or Corolla.

However the beauty of JADDOOGAR[®] is that there is no harm if you make a mistake! You can calculate the key logic as many times as you want, until you start the car!



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We guarantee that after programming four or five cars you will be an expert in using JADOOGAR[®]!

In the meantime, if you do have any questions you can call ELEGANCE LOCKMASTERS, our support team on **020 8514 3313** or **07930 453 650** or email us on autolocksmith@hotmail.co.uk - you can send us the dump file and we'll calculate the code for yo

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HERE ARE SAMPLE BIN FILES FOR YOUR GUIDENCE.

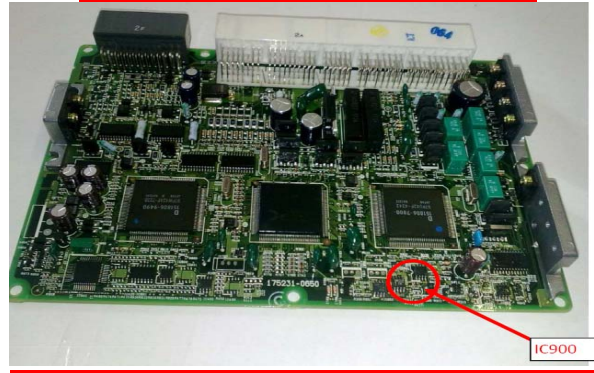
AVNASIS IGNITION TRANSPONDER

Original transponder TIRIS 4C
 Allowed transponder TIRIS 4C
 Data location MC68HC705E6 (0F82B)
 No. of keys 3



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 01 | 20 | ff | ff | 0 | ff | ff | cc | 0 | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | 0f | 0 | 0 | 0 | 0 |
| 02 | 6a | 56 | e4 | f0 | 0 | 0 | 0 | 0 | 2 | db | 7a | 57 | f0 | 0 | 0 |
| 0 | 0 | 02 | db | 7c | 65 | 05 | 0b | 62 | 20 | c1 | ff | ff | 10 | 1c | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | 54 | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | f0 | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |

TOYOTA CELICA ECU 89661 2G420
FAIRCHILD 93C56 16BIT



| | | | | | | | | | | | | | | | |
|----|----|---|---|----|----|---|---|----|----|----|----|----|----|---|---|
| 71 | 0f | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 37 | 0 | 0 | 10 | 10 | 0 | 0 |
| 71 | 0f | 0 | 0 | 21 | 5c | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 | 0f | 0 | 0 | 21 | 5c | 0 | 0 | 63 | 37 | 0 | 0 | 0 | ff | 0 | 0 |
| 63 | 37 | 0 | 0 | 21 | 5c | 0 | 0 | 0 | 0 | df | fb | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06 | d2 | 0 | 0 | 0 | 0 | 0 | 0 | 06 | d2 | 0 | 0 | fc | 10 | 0 | 0 |
| 06 | d2 | 0 | 0 | 06 | b8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06 | d2 | 0 | 0 | 06 | b8 | 0 | 0 | 06 | d2 | 0 | 0 | 0 | ff | 0 | 0 |
| 06 | d2 | 0 | 0 | 06 | b8 | 0 | 0 | 0 | 0 | 69 | 5a | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

KEY 1:

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Key Format 2:

7E 42 3C 35 A0 00 00
00 00 34 79 7E 00 00

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 | 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 |
| 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 | 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 |
| 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 | 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 |
| 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 | 29 | 3a | 07 | 5f | 0 | 0 | 0 | 0 |
| 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 | 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 |
| 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 | 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 |
| 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 | 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 |
| 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 | 2f | 7e | 07 | 5f | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 | 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 |
| 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 | 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 |
| 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 | 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 |
| 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 | 5a | a6 | 07 | 5b | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |

KEY 1:

Master)Key Format No 1

**7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00**

Key Format 2:

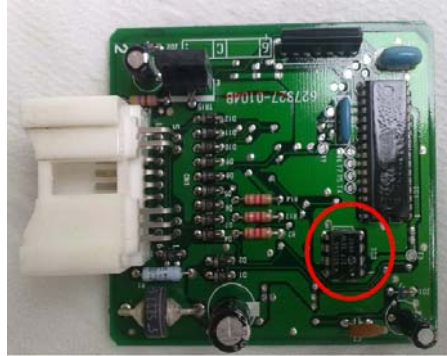
**7E 42 3C 35 A0 00 00
00 00 34 79 7E 00 00**

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 77 | 35 | 02 | de | 0 | 0 | 0 | 0 | 77 | 35 | 02 | de | 0 | 0 | 0 | 0 |
| 77 | 35 | 02 | de | 0 | 0 | 0 | 0 | 77 | 35 | 02 | de | 0 | 0 | 0 | 0 |
| 77 | 35 | 02 | de | 0 | 0 | 0 | 0 | 77 | 35 | 02 | de | 0 | 0 | 0 | 0 |
| 77 | 35 | 02 | de | 0 | 0 | 0 | 0 | 77 | 35 | 02 | de | 0 | 0 | 0 | 0 |
| 7a | 1d | 02 | de | 0 | 0 | 0 | 0 | 7a | 1d | 02 | de | 0 | 0 | 0 | 0 |
| 7a | 1d | 02 | de | 0 | 0 | 0 | 0 | 7a | 1d | 02 | de | 0 | 0 | 0 | 0 |
| 7a | 1d | 02 | de | 0 | 0 | 0 | 0 | 7a | 1d | 02 | de | 0 | 0 | 0 | 0 |
| 7a | 1d | 02 | de | 0 | 0 | 0 | 0 | 7a | 1d | 02 | de | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| 76 | c9 | 02 | de | 0 | 0 | 0 | 0 | 76 | c9 | 02 | de | 0 | 0 | 0 | 0 |
| 76 | c9 | 02 | de | 0 | 0 | 0 | 0 | 76 | c9 | 02 | de | 0 | 0 | 0 | 0 |
| 76 | c9 | 02 | de | 0 | 0 | 0 | 0 | 76 | c9 | 02 | de | 0 | 0 | 0 | 0 |
| 76 | c9 | 02 | de | 0 | 0 | 0 | 0 | 76 | c9 | 02 | de | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |

KEY 1:

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Key Format 2:

7E 42 3C 35 A0 00 00
00 00 34 79 7E 00 00

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| c7 | df | 01 | 15 | 0 | 0 | 0 | 0 | c7 | df | 01 | 15 | 0 | 0 | 0 | 0 |
| c7 | df | 01 | 15 | 0 | 0 | 0 | 0 | c7 | df | 01 | 15 | 0 | 0 | 0 | 0 |
| c7 | df | 01 | 15 | 0 | 0 | 0 | 0 | c7 | df | 01 | 15 | 0 | 0 | 0 | 0 |
| c7 | df | 01 | 15 | 0 | 0 | 0 | 0 | c7 | df | 01 | 15 | 0 | 0 | 0 | 0 |
| ca | ef | 01 | 1f | 0 | 0 | 0 | 0 | ca | ef | 01 | 1f | 0 | 0 | 0 | 0 |
| ca | ef | 01 | 1f | 0 | 0 | 0 | 0 | ca | ef | 01 | 1f | 0 | 0 | 0 | 0 |
| ca | ef | 01 | 1f | 0 | 0 | 0 | 0 | ca | ef | 01 | 1f | 0 | 0 | 0 | 0 |
| ca | ef | 1 | 1f | 0 | 0 | 0 | 0 | ca | ef | 01 | 1f | 0 | 0 | 0 | 0 |
| 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 | 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 |
| 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 | 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 |
| 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 | 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 |
| 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 | 71 | ec | 01 | 1f | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 | c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 |
| c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 | c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 |
| c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 | c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 |
| c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 | c8 | f3 | 1 | 15 | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff |

Key 1:

Key2:

Key3:

KEY 1:

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Key Format 2:

7E 42 3C 35 A0 00 00
00 00 34 79 7E 00 00

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 | fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 |
| fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 | fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 |
| fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 | fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 |
| fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 | fe | 2c | f3 | 04 | 0 | 0 | 0 | 0 |
| d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 | d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 |
| d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 | d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 |
| d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 | d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 |
| d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 | d4 | 88 | d0 | 04 | 0 | 0 | 0 | 0 |
| 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 | 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 |
| 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 | 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 |
| 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 | 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 |
| 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 | 80 | a8 | ec | 07 | 0 | 0 | 0 | 0 |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff |
| ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | ff | Ff |
| 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 | 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 |
| 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 | 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 |
| 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 | 44 | 4e | 03 | 05 | 0 | 0 | 0 | 0 |

Master)Key Format No 1

7E 42 3C AC 05 00 00

00 00 2C 9E 7E 00 00

Key Format 2:

7E 42 3C 35 A0 00 00

00 00 34 79 7E 00 00

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Toyota Yaris 2002 EPROM by ATMEL 25040



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 0 | 0 | 0 | 05 | ac | 3c | 42 | 0 | 0 | 0 | 0 | 05 | ac | 3c | 42 |
| 0 | 0 | 0 | 0 | 05 | ac | 3c | 42 | 0 | 0 | 0 | 0 | 06 | 40 | 4f | 8f |
| 0 | 0 | 0 | 0 | 06 | 40 | 4f | 8f | 0 | 0 | 0 | 0 | 06 | 40 | 4f | 8f |
| 0 | 0 | 0 | 0 | 07 | 9f | 84 | a0 | 0 | 0 | 0 | 0 | 07 | 9f | 84 | a0 |
| 0 | 0 | 0 | 0 | 07 | 9f | 84 | a0 | 0 | 0 | 0 | 0 | 06 | 40 | e0 | 29 |
| 0 | 0 | 0 | 0 | 06 | 40 | e0 | 29 | 0 | 0 | 0 | 0 | 06 | 40 | e0 | 29 |
| 10 | 10 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | fb | df | 5a | 69 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | ba | 9 | ba | 9 | ba | 9 | ba | 9 | ba | 9 | ba | 1 | 1 | 1f | 1 |
| 1f | 1f | 1f | 1f | ff | 1f | ff | ff | 4c | 4c | ff | 4c | ff | ff | 3c | 3c |
| ff | 3c | ff | ff | ff | ff | 4 | ff | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 4 | 4 | f7 | 4 | f7 | f7 | f2 | f2 | f1 | f2 | f1 | f1 | ee | ee | 3 | ee |
| 3 | 3 | f1 | f1 | 0e | f1 | 0e | 0e | 8 | 8 | fc | 8 | fc | fc | f9 | f9 |
| fc | f9 | fc | fc | 0 | 0 | 14 | 0 | 14 | 14 | 0c | 0c | 14 | 0c | 14 | 14 |
| 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | e8 | 14 | e8 | e8 | f9 | f9 | 1b | f9 |
| 1b | 1b | d3 | d3 | d3 | d3 | d3 | d3 | c4 | c4 | e8 | c4 | e8 | e8 | dc | dc |
| bb | dc | bb | bb | f3 | f3 | bf | f3 | bf | bf | ab | ab | 3 | ab | 3 | 3 |
| 3 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Key 1: Key2: Key3: Key 4:

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Key Format 2:

Hickleys

Tel: 01823 328532

email: diagnostics@hickleys.com

TOYOTA YARIS 89661 0D090 EPROM 93C86



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0f | d7 | c8 | 06 | 0 | 0 | 0 | 0 | 0f | d7 | c8 | 06 | 0 | 0 | 0 | 0 |
| 0f | d7 | c8 | 06 | 0 | 0 | 0 | 0 | dc | 58 | bc | 06 | 0 | 0 | 0 | 0 |
| dc | 58 | bc | 06 | 0 | 0 | 0 | 0 | dc | 58 | bc | 06 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 7c | aa | 06 | 0 | 0 | 0 | 0 |
| 95 | 7c | aa | 06 | 0 | 0 | 0 | 0 | 95 | 7c | aa | 06 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | fc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | fb | df | 5a | 69 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| a5 | a5 | a5 | 1 | 1 | 1 | 1f | 1f | 1f | 1f | 1f | 1f | 3 | 3 | 3 | 3 |
| 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | ff | ff | ff | b7 | b7 | b7 | ff | ff |
| ff | 38 | 38 | 38 | ff | ff | ff | 36 | 36 | 36 | 4 | 4 | 4 | 4 | 4 | 4 |
| 2 | 2 | 2 | f8 | f8 | f8 | f3 | f3 | f3 | f2 | f2 | f2 | f5 | f5 | f5 | f7 |
| f7 | f7 | 6 | 6 | 6 | f7 | f7 | f7 | fe | fe | fe | fb | fb | fb | fb | fb |
| fb | fe | fe | fe | 8 | 8 | 8 | 1 | 1 | 1 | fc | fc | fc | 0 | 0 | 0 |
| 4 | 4 | 4 | fc | fc | fc | e8 | e8 | e8 | cd | cd | cd | c8 | c8 | c8 | d0 |
| d0 | d0 | d3 | d3 | d3 | cb | cb | cb | e8 | e8 | e8 | 17 | 17 | 17 | 28 | 28 |
| 28 | 1a | 1a | 1a | e0 | e0 | e0 | ec | ec | ec | ab | 0c | ab | 0c | ab | 0c |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | FF |

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Hickleys

Tel: 01823 328532

email: diagnostics@hickleys.com

Key Format 2:

LEXUS (LEXUS 93C56)
Toyota Corolla ECU, 93C56



| | | | | | | | | | | | | | | | |
|----|----|---|---|----|----|---|---|----|----|----|----|----|----|---|---|
| c2 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | c0 | bd | 0 | 0 | 10 | 10 | 0 | 0 |
| c2 | 46 | 0 | 0 | 32 | a2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c2 | 46 | 0 | 0 | 32 | a2 | 0 | 0 | c0 | bd | 0 | 0 | 0 | ff | 0 | 0 |
| c0 | bd | 0 | 0 | 32 | a2 | 0 | 0 | 0 | 0 | df | fb | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05 | 0f | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0f | 0 | 0 | 3 | 10 | 0 | 0 |
| 05 | 0f | 0 | 0 | 05 | 3d | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05 | 0f | 0 | 0 | 05 | 3d | 0 | 0 | 5 | 0f | 0 | 0 | 0 | ff | 0 | 0 |
| 5 | 0f | 0 | 0 | 05 | 3d | 0 | 0 | 0 | 0 | 69 | 5a | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ff | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

KEY 1:

Master)Key Format No 1

7E 42 3C AC 05 00 00
00 00 2C 9E 7E 00 00

Key Format 2:

7E 42 3C 35 A0 00 00
00 00 34 79 7E 00 00



Tel: 01823 328532

email: diagnostics@hickleys.com

SUPPORTED MODELS

TOYOTA

The following models are all supported...

4 RUNNER 1999-2003.TEXAS.93C66
4 RUNNER 2001-2003.TEXAS.93C56
ARISTO 1998-.TEXAS.93C66
AVALON 1998-2003.TEXAS.93C66
AVENSIS 1998-1999.TEXAS.68HC05E6
CAMRY 1997-2003.TEXAS.93C66
CAMRY 2001-2002.TEXAS.93C56
CARINA 1996-.PHILIPS.24C04
CARINA 1996-.TEXAS.93LC56
CELICA 1996-1999.PHILIPS.24C04
CELICA 2000-.TEXAS.93LC56
CELSIOR 1998-.TEXAS.93C66
COLORADA 1997-.TEXAS.93C66
COROLLA 1996-1999.TEXAS.93C66
COROLLA 1999-2002.TEXAS.93LC56
COROLLA 1999-2002.TEXAS.68HC05E6
COROLLA 1999-2002.TEXAS.95080
ECHO 1999-.TEXAS.93C66
ESTIMA (J) 1997-.PHILIPS.24C04
GAIA (J) 1999-.TEXAS.93C66
HIACE 1997-.TEXAS.93C66
HIGHLANDER 2001-2003.TEXAS.93C66
HILUX(J) 1999-.TEXAS.93C66
IPSUM(J) 1999-.TEXAS.93C66
LANDCRUISER,100 1996-2000.TEXAS.93C66
LANDCRUISER,100 2000-2003.TEXAS.93LC56
LANDCRUISER,100 2003-2004.TEXAS.93C56
MR2 1997-.TEXAS.93C66
PASEO 1997-.PHILIPS.24C04
PICNIC 1996-.TEXAS.93C66
PLAZ (J) 1999-.TEXAS.93C66
PRADO 1996-.TEXAS.93C66
PREVIA 1997-.PHILIPS.24C04
PRIUS 2001-2003.TEXAS. 3
PROGRESS NC300 1998-.TEXAS.93C66
RAV4 1996-2000.TEXAS.93C66
RAV4 2000-2004.TEXAS.25080
SEQUOIA 2001-2003.TEXAS.93C66
SIENNA 1999-2003.TEXAS.93C66