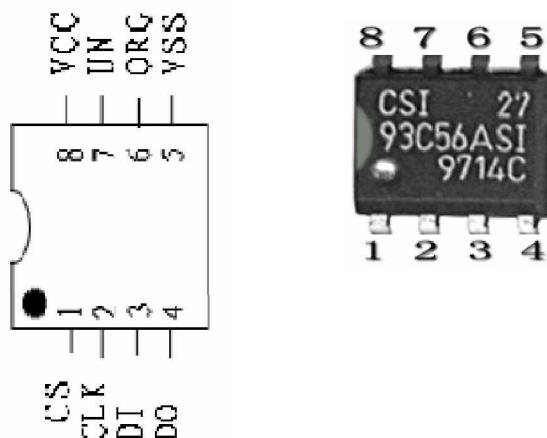




## Chip Identifications



Chips: IC in which stores Mile/Km, audio code and anti-theft code and other data. Most of them have 8 pins; the data stored in can be read/written.

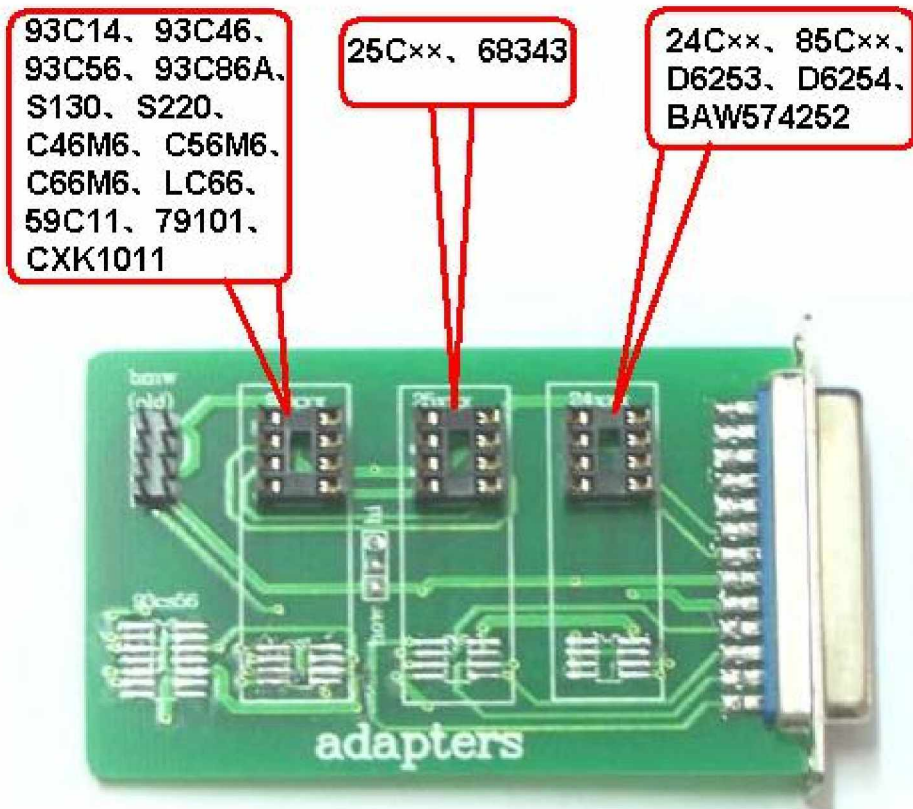
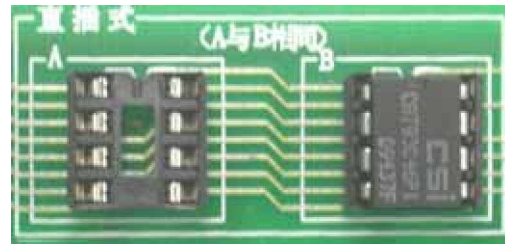
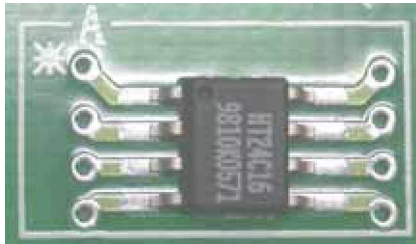
## Adapters

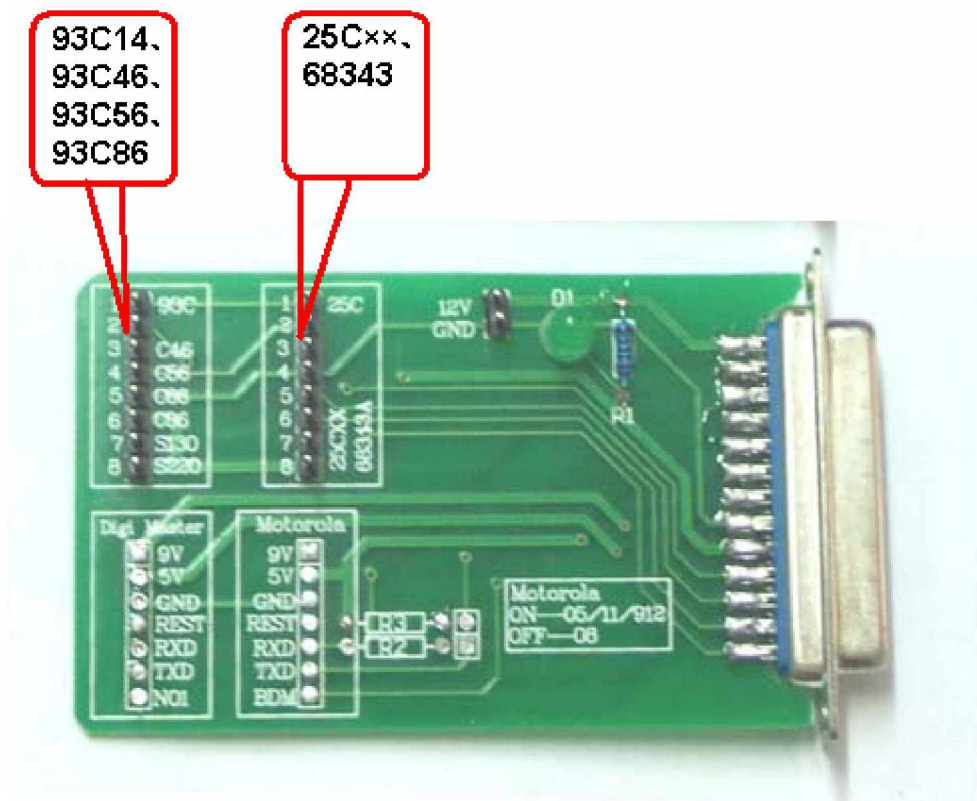
### Remove-free Adapter

- Only available for those we offer wiring diagrams.
- For the odometer with protected lacquer on the circuit board or IC, heat the lacquer and clear it and then to weld.
- Use the 8-colour cables to connect 8-pin (93/25 series) socket from the adapter to the 8 points marked on the wiring diagram, the first cable is for Pin1, and the second for Pin2...the 8th for Pin8.
- Check for correct welding before inserting the adapter into the instrument to adjust!!

Name	Function
93 series	93C14 93C46 93C56 93C86A S130 S220 C46M6 C56M6 C66M6 LC66 59C11 79101 CXK1011 .For cluster with 93 series ICs, such as Honda 2.4.
25 series	25Cxx 68343 For cluster with 25 series ICs, such as Santana 2000.
24 series	24Cxx 85Cxx D6253 D6254 BAW574252
14#93CS56	14#93CS56

### Chips Mounting





## How to correct the odometer

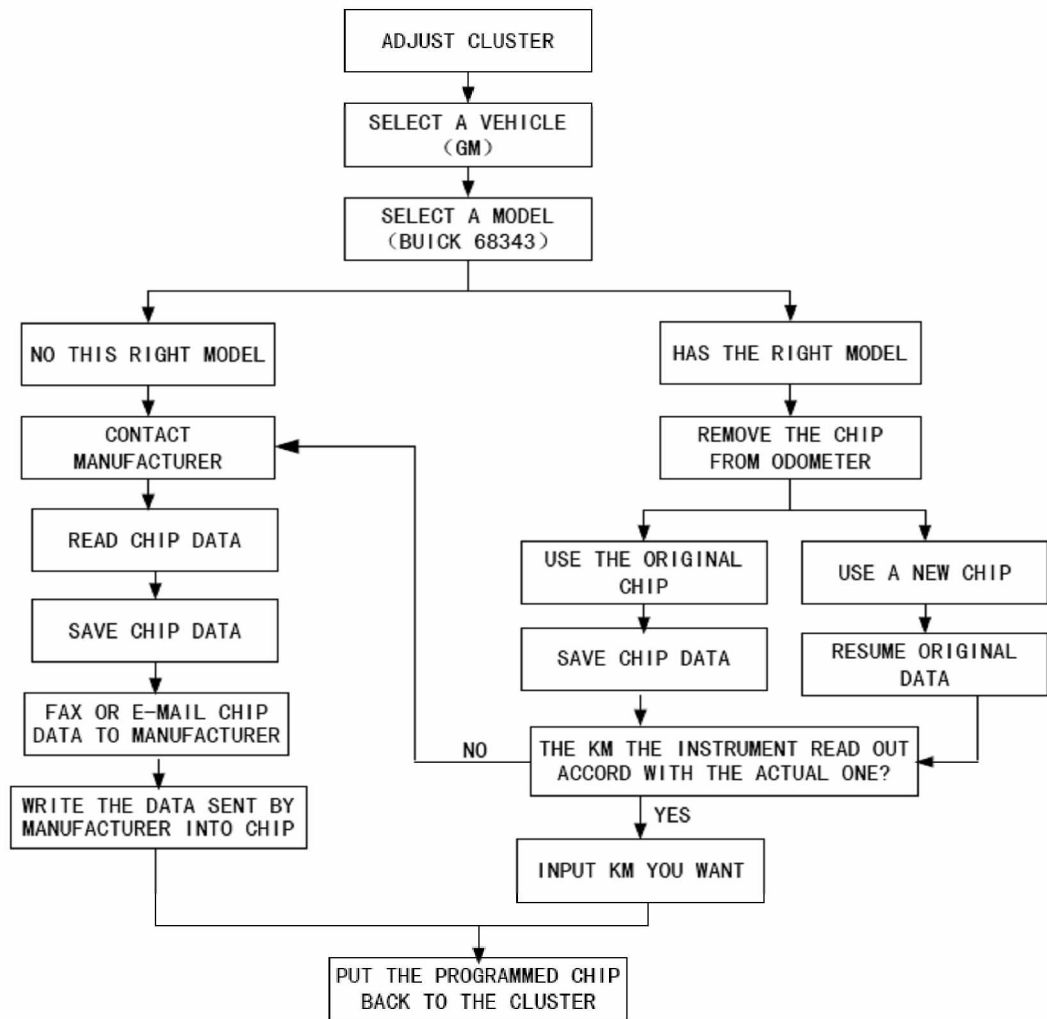
### Cluster Adjusting

Operation:

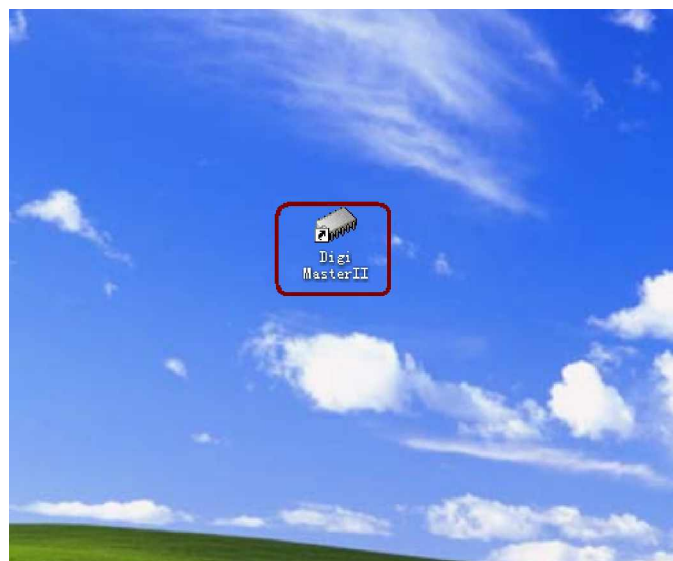
1. Types available please refer to Pictures and Charts Collection . If you have a car or cluster not listed to do, please contact the manufacturer. Do not try it yourself or use other type instead to adjust. Or the cluster may be damaged.
2. For some special clusters (say, with 2 chips), please refer to the pictures shown in Pictures and Charts Collection .
3. Some clusters whose hands cannot be pull out. Do read the appendix Attention for Cluster Adjusting first.
4. Save the data before any adjusting to avoid any data lost caused by chip damaged or mis-selecting the type. If data is not correct, it may cause car no start, cluster no displays, and cluster running incorrectly and cluster hand moving in disorder.
5. The instrument will auto-read the original kilometer when adjusting. If similar to the actual Km (difference should less than 100Km), it can be adjusted; otherwise, please contact the manufacturer for solution.
6. It has some original data except that the user saved. When data lost or using a new chip, the original data should be written into before adjusting, or the odometer cannot work properly. You can resume the original data you saved or select "Resume Data" operation to resume the data it has.

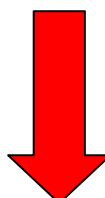
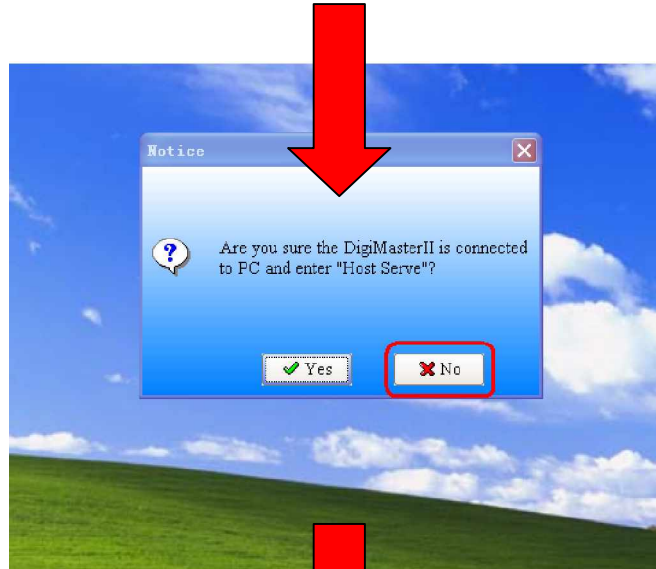


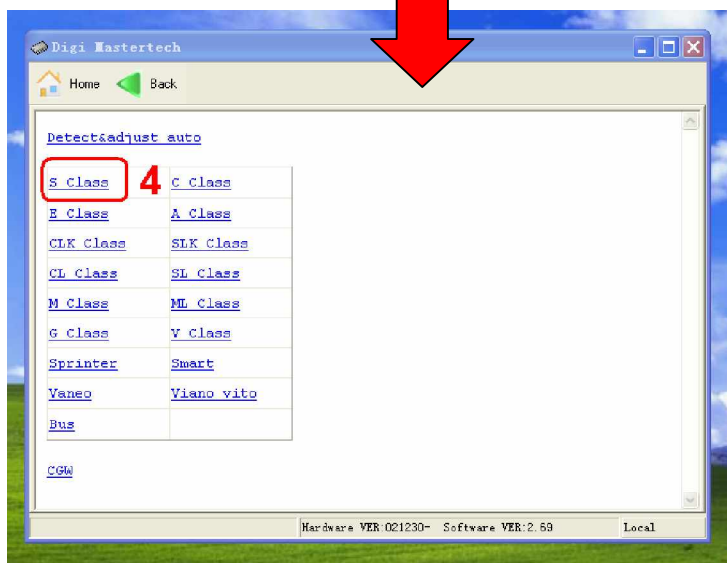
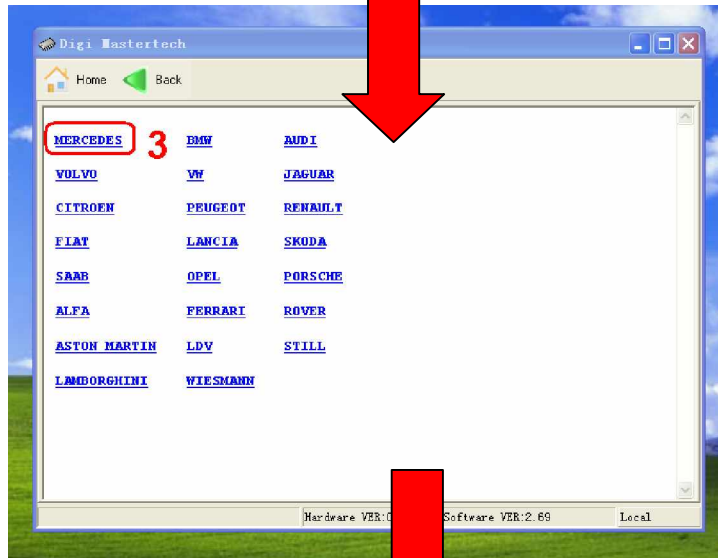
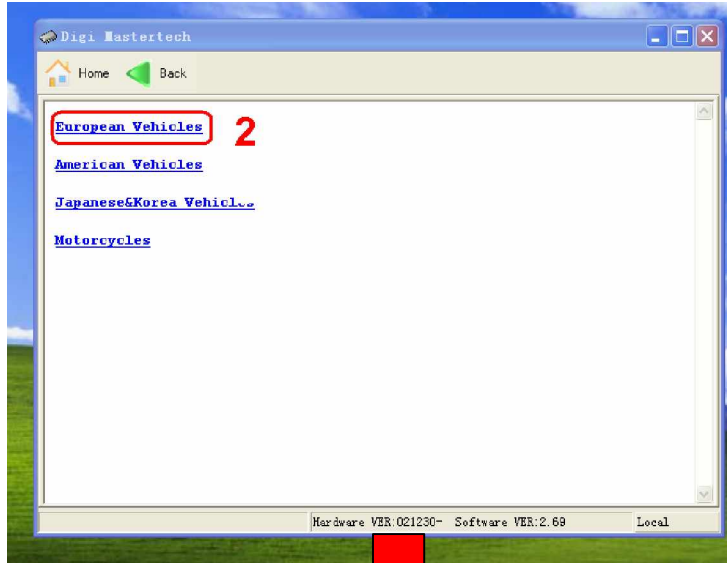
- 7. Should use the original chip to adjust. Use a new one when the original damaged.
- 8. Odometer adjusting flow:



Example: Odometer **BENZ 1998/S320**









Years	Model	Mode2
←95.9	<a href="#">CS56(14Pins)</a>	<a href="#">ODO socket</a>
95.10-96.6	<a href="#">C56(8Pins)</a>	<a href="#">Diagnosis</a>
96.7-98	<a href="#">C66(8Pins)</a>	<a href="#">Diagnosis</a>
99	<a href="#">B50</a>	
2000	<a href="#">24C04</a>	
2001→	<a href="#">M220</a>	
2006	<a href="#">M221 24C08</a>	

**7**

**Adjust** Internet service

Print image Cancel

Properly connect the Digi Mastertech and the adapter according to the instructions, and then plug the device!

BMW Code All 8pin DIP

CS56 14pin

All 8pin SMD

**6**

**8**

Hexy data operation Instrument adjusting

Modify Save Email Adjust Restore

Save data

0x000: E5F9 E5F9 E5F9 E6F9 E6F9 E6F9 E6F9 E6F9

0x010: E6F9 E6F9 E6F9 E6F9 E6F9 E6F9 E6F9 E6F9

0x020: 0000 0000 F132 3000

0x030: F107 0020 2105

0x040: 1980 79FF 8220 0000

0x050: FF13 840C 1F8F

0x060: 0006 2C01 D007 8800

0x070: 490F 1303 9D2D 6B40

0x080: 5563 FFFF FFFF FFFF

0x090: FFFF 0000 9600 2500

0x0A0: FFFF FFFF 1000 F500

0x0B0: 4A03 AE02 B201 4100

0x0C0: FFFF 70D5 0004 A600

0x0D0: 8C7C 5803 ED00 B800

0x0E0: 96A0 B2AC 1F0F FFF0

0x0F0: 0402 23ED 2278 0900

0x100: 6464 6464 6464 0610

0x110: 3000 676D 4438 CCA0

0x120: 647A 3C64 3282 2880

0x130: 0064 000D 2216 3010

0x140: 2801 1402 000A 0600

0x150: 1E08 063C 646E 2C00

0x160: 0990 65B4 0032 1E40

0x170: 6E20 8220 9B3A B440

0x180: 0024 3600 1326 0070

0x190: F401 7A02 0040 0000 0000 0000 0000 0000

0x1A0: 0000 0000 0000 0000 0000 0000 0000 0000

0x1B0: 0000 0000 0000 000A 010A 1300 6802 6409

0x1C0: E601 43F6 FFA6 0164 026D 0066 3A00 DA02

0x1D0: 6404 6000 773A 000A 0264 006D 0099 3A00

0x1E0: DA02 6400 1100 DC19 0000 0000 0000 003E

0x1F0: 350A 390F 4725 5445 7077 7098 96C8 BFFF 5.9.0x[Egw]

文件名 (F): S-F-SERIES (2006-10-10)-1

保存类型 (T): \*.bin files (\*.BIN)



The screenshot shows the Digi NoterTech software interface for memory data operation and instrument adjusting. The main window displays a memory dump with hexadecimal addresses (0x000 to 0x1F0) and their corresponding data values. A red arrow points to the 'Adjust odometer' dialog box, which is used to set the current mileage. The dialog box shows 'Enter mileage' set to 12000 and units set to 'Kilometer'. Another red arrow points to the 'Writing data into the device...' progress bar, which is at 40% completion.

Mileage correction succeeded!

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Install the IC onto the cluster; make sure to the direction of the IC is correct.