

HU Modification (Adding L716 jumper)

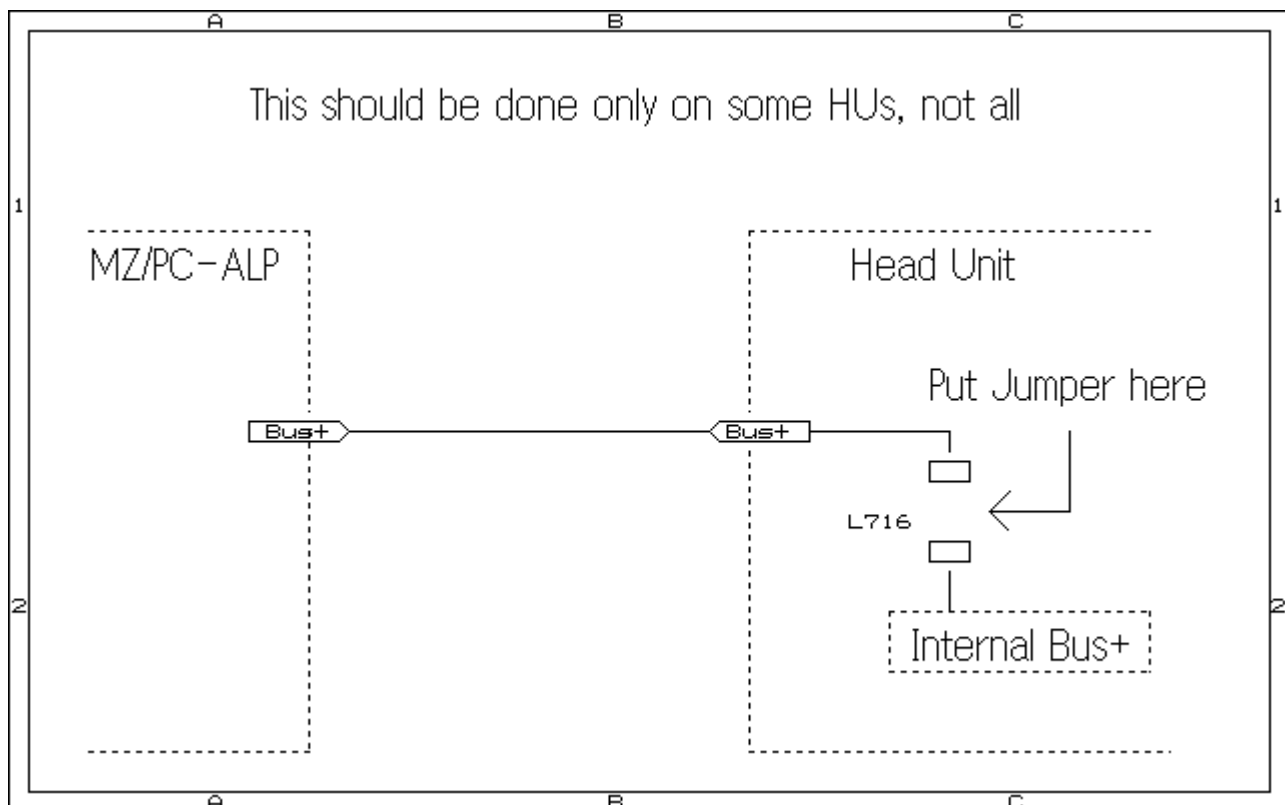
HU WHICH DOES NOT RECOGNIZE MAZ/PC-ALP

There are at least two versions of Panasonic (Matsusita) HU on the market. If your Mazda6 is purchased on or after Jan.2004 chances are HU does not recognize MAZ/PC-ALP.

This is because newer HUs do not have the zero ohm register [on the PCB location L716](#). To solve this problem, you must take the HU out, open HU (it voids warranty) and solder a Jumper or a 0-ohm chip register on [location L716](#).



Doing this requires soldering skills, if you are not a skilled engineer ask your friend who has skills.



IMPORTANT NOTICE

Neither of the owner of this site nor who's name appeared on this site gives you any guarantee about the information. All responsibilities doing this is yours. There must be reasons why Mazda removed L716 chip which I do not know, play at your own risk.

HOW TO PUT JUMPER

1.CHECK YOUR HEAD UNIT FIRST

As described above, this modification is required only for some HUs not all. Before you open HU, try the following steps to test your HU.

- a. Connect MAZ/PC-ALP to your HU
- b. Turn on your HU
- c. Play CD as usual
- d. Press CD button once again

If the display changes as below and CD play stopped, you DO NOT need the modification.



If you do not see above display and CD keeps playing, your HU needs modification. Proceed to step 2.

2.TAKE YOUR HU OUT OF MAZDA6

I do not describe here how to remove the HU from the car (sorry I never did it.) Please consult other sources or web site for detailed information.

The first and the hardest part is removing cup holder.

Here is the information [how to remove the console](#). This information is posted on mazda6club.com BBS.

Another source [imazeki's workshop](#) for those who read Japanese :) It has pictures from Mazda's maintenance manual.

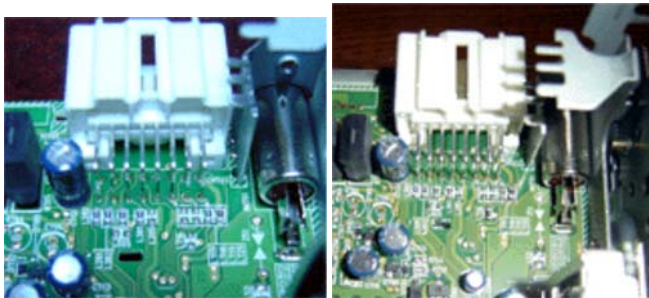
3.OPEN HU



(Photo taken by [CHACHAJIRO](#))

This is the PCB you are going to work with. Click above picture to see the area where L716 locate.

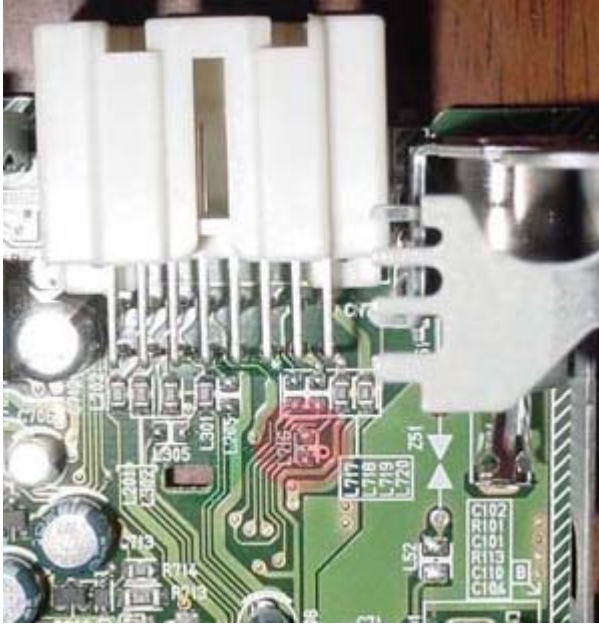
4.LOCATE L716



(Photos taken by [CHACHAJIRO](#))

Click each pictures for exact location of L716.

Bridge L716 soldering pads with thin wire. Be careful not to short other circuits. Left picture above shows L716 open and right picture shows Ohm chip register soldered.



Another close up of L716 without jumper.
(Photo taken by [SIGURE](#))

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