

## **Audi S8/A8 D4 platform (Mine = 2016 S8)**

### ***Audi Traffic Sign Recognition (Speed Limit Indicator) Retrofit Guide***

New Zealand registered vehicle.

Comments: Audi NZ states that this option is not supported in NZ – something to do with the reliability of our speed signs and limited or no Navigation map info for speeds.

No warranty or support, or acceptance of liability is possible. Kufatec also note that their upgrade packages will not work for New Zealand. So I tried anyway. With 95% success.

First thing I did was a firmware upgrade. I needed this anyway for an update in maps.

I purchased a firmware and map upgrade from The Navman in the UK.

### **[Audi MMI 3G+ / HN+R / New Zealand / 2023 Software & Maps Update Bundle X 1](#)**

Vehicle Model: A8 / S8

Vehicle Year: 2016

My updated version is now HN+R\_EU\_AU\_P1001

My S8 vehicle has ;

Camera Control Module J852 (VCDS ECU 85)

Image Processing Control Module J851 (VCDS ECU 8E)

Instrument Cluster Control Module J285 (VCDS ECU 5F)

And Heads Up Display Control Module J898 (VCDS ECU 82)

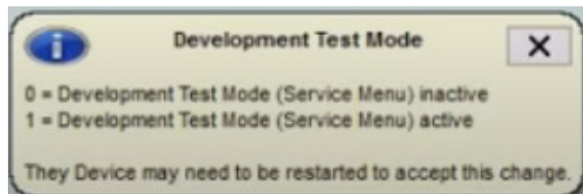
If you haven't already, you have to enable the Green Engineering Screen (Called Development Test Mode).

Use VCDS and 'Select Control Module'

Then select Module 5F Information Electronics.

Then Adaption and change Channel 05 to 1 (was 0)

I've seen reported that on some vehicles it is Channel 06, and on some both Channel 05 and 06.



Once this is changed, you can access the Engineering Menu. Needed later.

Then, again using VCDS, I did the following;

1) Instruments

Open Module 17 Instruments

Then 07 Coding

Then Long Coding Helper

Go to Byte 5 and enable Bit 2.

Mine was 01010001 and changed to 01010101

2) Image Processing

Open Module 8E Image Processing

Then 07 Coding

Then Long Coding Helper

Go to Byte 2 and enable Bit 0.

Mine was 01C01A030111 and changed to 01C01B030111

3) On Board Camera

Open Module 85 On Board Camera

Then 07 Coding

Then Long Coding Helper

Go to Byte 0 and enable Bit 4.

Mine was 11101010 and changed to 11111010

4) Heads-Up Display

Open Module 82 Heads Up Display

Then 07 Coding

Then Long Coding Helper

Go to Byte 0 and enable Bit 0.

Mine was 11000010 and changed to 11000011

Now – you need to access the Green Engineering Menu enabled earlier.

Hold down MENU and CAR at the same time for 5 seconds.

Go here and make these changes;

**Car -> Cardevicelist -> Check "Traffic sign recognition (VZE)"**

**Car -> Carmenuoperation -> Traffic sign recognition (VZE) -> Change from 0 to 5**

Then you have to reset the MMI to get everything to change and save.

Hold TONE and Centre Knob, and Right Top Function button together and release to reset.

Some instructions I've read on this topic suggest you need to use Audi's VCP interface and download new files, but I didn't do this, and suspect my firmware update may have something to do with this.

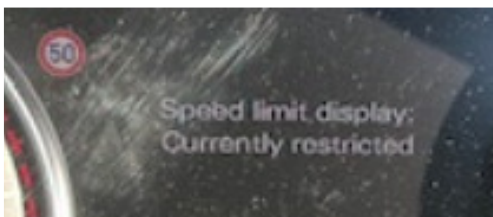
That is all I did so then I went for a drive, and it registered the first speed sign it saw;



And on the Heads-Up display also – this time it picked up a temporary speed zone sign. I was stopped at lights here.



I do note that it does come up with an error from time to time;



Which may be due to the lack of navigation information, or may be that the sun was shining directly on the camera (late afternoon) or could also be that earlier in the drive we drove for 4 minutes before finding our first speed sign.

My car manual states that this error message is when the speed is only provided by one source -eg the camera (and not the Navigation system data – which is not present in New Zealand). I am Ok with the error just being present in the top line of the display – it isn't in the way.

As noted above – all these modifications and the use of this system is at your own risk.