TYPE 1 BLANK BOARD ORDERING NOTES

Nistune Technical Bulletin #001 - 2 Sep 2008
Uprevision 27 Aug 2009

Background
Blank boards are boards which have been programmed and tested with a default ROM image prior to shipping.

They are shipped with the intention of being reprogrammed with the Nistune Base Image Programmer.

Nistune Type 1 boards contain our own implementation of Consult to allow monitoring and realtime tuning of the targeted ECUs. As such it was necessary to inject our firmware into the existing Nissan ROM images.

The majority of the ECUs used standard memory mapped addresses for USB communications. However there are some special cases where the ROM address was reserved by the ECU and we had to use a different location.

Standard Released Boards

Following ECUs will work with the standard released Type 1 board programmed with memory mapped address F700:

CR31/VL RB30E/ET
HR31 RB30DE/DET
N12 E15ET
N13 CA16DE
S12 CA18DE
S13 CA18DE/DET
S13 KA24E

Special Order Boards

Please note that the following ECUs will require the Xilinx chip to be programmed with a different memory mapped address as specified below:

A31 RB20DE/DET - F600 (Early model 72LXX, 73L00, 73L10)
A31 RB20DET - E000 (Late model 73L60, 73L70, 5L210)
(if other such as 94L00 which is not patchable then use 73L00/73L10 ENT file)

EK10 MA09ERT - FD00
J30 VG30E - E000

This can only be done in house. Please let us know if this is a targeted vehicle when ordering blank boards

Thanks
Matt