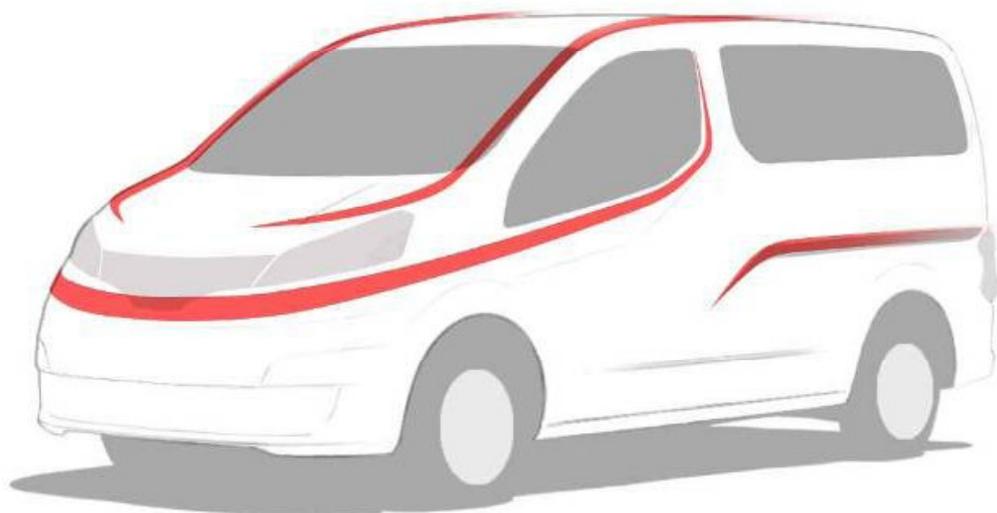


# BODYBUILDER STANDARDS FOR EQUIPMENT FITTING AND CONVERSIONS

## NISSAN NV200

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**MV – VEHICLE MODIFICATIONS**

### 16.3 Additional compressor installation

It is advisable to use electrical compressors whenever is possible. For assembly and placement follow the indications in section MV-16.1.

In case the bodywork or equipment fitting (i.e. compressor for cold equipment) requires an additional compressor activated from the engine, take into account the following guide lines:

- It is not allowed to do any modifications in the engine block.
- Added components will not alter existent parts or the vehicle correct functioning. They must not obstruct the necessary air passage for engine cooling, see section MV-6, and all parts that may require a maintenance service must be accessible, see section MV-3.
- The bodybuilder or converter must provide the client with the functioning and maintenance instructions of the installed equipments.

On the other hand, due to the complexity of the modifications and all possible consequences for the correct functioning and reliability of the vehicle, bear in mind the following points:

- Only specialised companies in design and development of additional compressor assembly Kits, can provide the necessary parts for its installation.
- It is mandatory to follow the instructions of the kit supplier when assembling all the elements involved in the compressor installation.
- Converters shall be responsible for modifications or conversions; including all possible damages done to the vehicle.
- Kit's suppliers shall be in any case responsible for kits functioning, safety and reliability and, in general, for the good performance of the vehicle. They will be responsible for the consequences that the modifications done may bring to the vehicle features and performance. They will also be responsible for warranty claims derived from the assembly procedure.
- NISSAN allows to use kits developed by OLIVA TORRAS, for NV200 range, and no objections will be done if the following conditions are met:
  1. When special NV200 models are used for that purpose.
    - Kit for models with K9K diesel engine without air conditioning.
    - Kit for models with K9K diesel engine with air conditioning.
    - At the moment there are not kits for petrol engines S2.
  2. OLIVA TORRAS shall be responsible for the design and installation of the described kits and for all the necessary information. OLIVAS TORRAS must ensure that this information will be strictly accomplished when the kits are assembled.
  3. The described standards are observed and any European Directives or national legislation that may affect these Kits and their assemblies.
  4. The warranty offered by OLIVA TORRAS must be at least equivalent to the one that NISSAN provides for their production vehicles.

Other possible installation must be validated by the NISSAN technical department, see section RG-1.1