

E 17 NOISE – Testing vehicles having alternative silencers. Re-Issued 03/07/06

Procedure and Standards, Item 1, NOTE 3.

Procedure and Standards item 1, NOTE 3, provides for the acceptance of certain modifications to an exhaust system after Approval. It provides for alternative silencers to be fitted providing the vehicle meets certain criteria (basically the alternative needs to be within 2 dbA of the static test)

It has become necessary to specify the conditions under which alternative silencers will be considered.

An alternative silencer will only be permitted where

- The replacement is considered by the examiner to be an aftermarket replacement product suitable for the vehicle concerned, ie of substantially the same size/characteristics, or
- The replacement is considered necessary to facilitate a design change on the vehicle structure, ie a lowered floor conversion.

Please amend NOTE 3 to read;

NOTE 3 Where evidence of compliance has been provided, subsequent modification to the exhaust system will be permitted providing

- it is downstream of any emissions control device (eg catalyst) and
- the emission control device and silencer(s) are identical to that fitted at the time compliance was demonstrated.

Where evidence of compliance has been provided (eg Type Approval/Model Report) and subsequently a different silencer fitted that is either

- considered by the examiner to be an after market replacement product suitable for the vehicle concerned, ie. of substantially the same size/characteristics, or
- considered necessary to facilitate a design change on the vehicle structure, ie a lowered floor conversion,

evidence of compliance may be provided from a test laboratory of a static comparison test of the vehicle fitted with the original silencer and the alternative silencer; or the vehicle with the alternative silencer(s) can have a static test (as described in NOTE 4) and it will be acceptable if the noise level recorded is no more than 2 dbA more than that listed in the evidence of compliance. This provision will only be acceptable if the exhaust terminates in approximately the same position as shown on the original approval/model report.