



PASSENGER VEHICLES SUBJECT TO MODIFICATION / CONVERSION

EVIDENCE OF COMPLIANCE FOR SEAT BELT ANCHORAGES

Unmodified mass produced vehicles must at the time of application provide Type Approval evidence of directive or comparable standards for seat belt anchorages.

Vehicles subject to the fitting of additional anchorages e.g. following the first stage of build are similarly required to provide Type Approval evidence of compliance for the complete installation, even though various components may individually have traceability to a technical standard.

Directive testing of the anchorages require that the system is subjected to considerable loads to verify that components are strong enough to withstand the significant forces that are generated in an accident.

In the past seat belt anchorages would have been a reinforced part of the floor of the vehicle. However it is now commonplace for seat mounted seat belts. In these instances the anchorage system consists of floor, seat and seat leg.

DVA will accept evidence of approval testing from a technical service for seat belt anchorages in modified or converted vehicles however the severity of the testing is likely to damage the vehicle.

In order to ensure directive compliance without destructive in-vehicle testing applicants must supply evidence to DVA for them to determine that the installed system would meet, directive requirements if tested destructively.

The only practical and cost effective means for DVA to approve seat belt anchorage systems during the Voluntary IVA inspection, in accordance with the regulations, is to mandate that all installed components in the system can be traced back to directive tested components.

This alone is not sufficient to ensure directive compliance; it is vital the components are compatible and have been fitted correctly.

The process is reliant on ensuring that converters, manufacturers and component suppliers take responsibility for ensuring seat belt anchorages are installed within the confines of directive testing evidence.

DVA is not in a position to approve vehicles where unapproved components have been used in the seat belt anchorage system. However a technical service may be able to provide satisfactory testing evidence.

The following two documents are considered satisfactory evidence for seat belt anchorages compliance.

1. Component list, compliance and compatibility declaration (DVA - VIVA 3) – Must be submitted at application stage

In order to overcome the risk of component suppliers not providing information to a vehicle converter in a manner that clearly outlines the compatibility and installation requirements, DVA will require a declaration from either a technical service or flooring system manufacturer with the information detailed in this document as an absolute minimum. The technical service or flooring manufacturer may provide their own declaration; however it must contain at least the information requested in the DVA - VIVA 3.

In order to produce the document, a technical service or the flooring manufacturer must determine the compatibility of the various components and detail limits of testing evidence. The document will allow a converter to install the system correctly and DVA examiners to relatively quickly verify that the correct components are fitted, within the limits of testing evidence.

When the vehicle is inspected by DVA, the seat belt anchorage system will be inspected to verify it complies with all details listed on the declaration.

NOTE - Untested base vehicle chassis comparison report – If required, must be submitted at application stage

There may be instances where a converter chooses to convert a vehicle that does not have supporting vehicle specific testing evidence available.

In such instances, DVA recommend that prior to purchase or conversion of such a vehicle, vehicle converters must ensure that a flooring manufacturer or a technical service are prepared to provide evidence and a statement that the vehicle would perform in a similar manner, based on technical comparison of the vehicle structure with that of a tested comparable vehicle. This information would need to be submitted in support of the above declaration.

2. Installation Declaration from vehicle converter or manufacturer (DVA - VIVA 4) – Must be submitted at inspection (if not submitted with application).

Compliance with directive requirements is dependent on the seat belt anchorage system being installed correctly in accordance with manufacturers' guidelines whilst adhering to the limits imposed by available testing evidence. The installation declaration ensures that the converter/manufacturer is aware of the testing limits and installation guidelines provided by the component manufacturer.

When the vehicle is inspected, DVA will check to ensure the declaration is signed by the installer and the examiner **may** choose to verify the installation against **best practice or fitting instructions** supplied by the seat belt anchorage component manufacturers.

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**M1 WAV CATEGORY VEHICLES – SEAT BELT ANCHORAGE COMPLIANCE
COMPLIANCE AND COMPATIBILITY DECLARATION**

Registration Number:

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Vehicle identification Number (Chassis Number)

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FAILURE TO COMPLETE THIS DECLARATION ACCURATELY OR IN FULL COULD RESULT IN DELAYS**1. VEHICLE AND CONVERTER DETAILS**

Please complete the appropriate boxes below ▼

Document / Assessment Number :	
Technical Service or Company Name :	
Date :	
Converter Name :	
Converter Company :	
Base Vehicle Make :	
Base Vehicle Model Description :	
Converted Vehicle Category :	

2. COMPONENTS FITTEDPlease complete the appropriate boxes below listing ALL relevant items ▼

FLOOR	
Manufacturer :	
Type :	
Test Report Reference :	
Test Authority who produced above report :	
SEAT	
Manufacturer :	
Type :	
Test Report Reference :	
Test Authority who produced above report :	
SEAT TO FLOOR FIXING	
Manufacturer :	
Type :	
Test Report Reference :	
Test Authority who produced above report :	

OTHER COMPONENT	
Item :	
Manufacturer :	
Type :	
Test Report Reference :	
Test Authority who produced above report :	

3. TESTED INSTALLATION PARAMETERS		Please complete the following details relevant to the installation ▼	
Maximum Leg Height :		Seat Variant :	
Maximum Offset :			
Upper Anchorage Location :			
Maximum Seat Weight :			

Other Tested Installation Parameters :
Notes : (e.g. additional relevant information or limitations)

4. DECLARATION
This document has been produced by _____ (Company Name / Technical Service) for the purposes of gaining Individual Vehicle Approval. The components detailed in this document, have been fitted in _____ (Insert vehicle registration number) in accordance with the listed parameters and component manufacturers fitting instructions, will meet the technical provisions of Directive 76/115/EEC as amended by 2005/41/EC. We acknowledge that it is an offence under the Road Vehicles (Approval) Regulations 2009 to produce or provide documentation that is false in a material particular for the purposes of gaining Individual Vehicle Approval. Signature : _____ Print Name : _____ Data Protection – The information provided on this form may be made available to other Departments/Agencies for the purposes of preventing or detecting crime. Your personal information will be managed in accordance with the Privacy Notice available at www.infrastructure-ni.gov.uk/dfi-privacy or by calling 0300 200 7861.

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**M1 WAV CATEGORY VEHICLES – SEAT BELT ANCHORAGE COMPLIANCE
INSTALLATION DECLARATION**

Registration Number:

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Vehicle identification Number (Chassis Number)

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FAILURE TO COMPLETE THIS DECLARATION ACCURATELY OR IN FULL COULD RESULT IN DELAYS

I, _____ ◀ *Insert installer name here*

have installed the seat belt anchorage system detailed in _____
in line with guidance and best practice supplied.

Insert System Declaration

◀ *Document Number here*

Signed :

Date :

Converter Company :

Base Vehicle Make :

Base Vehicle Model :

Converted Vehicle Category :

This document has been produced by _____
for the purposes of gaining Individual Vehicle Approval.

We acknowledge that it is an offence under the Road Vehicles (Approval) Regulations 2020 to produce or provide documentation that is false in a material particular for the purposes of gaining Individual Vehicle Approval.

Signature : _____
(Signature of Company Representative (Responsible Person))

Print Name : _____

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