LOW VOLUME VEHICLE COMPONENT APPROVAL CERTIFICATE

This Approval Certificate confirms that the component detailed below, manufactured by the listed company, meets the relevant technical requirements of the Low Volume Vehicle Technical Association (Inc) (LVVTA) that are necessary for compliance with the Low Volume Vehicle Code at the time of issue of this certificate. This approval is subject to each component being manufactured and installed in accordance with the details described on this certificate.

This certificate does not exempt the described component or any vehicle to which it is fitted from the requirement of Low Volume Vehicle Certification – the objective of this certificate is to confirm to the Low Volume Vehicle Certifier that the manufacturer has satisfied the LVVTA that the component is able to withstand the specified loading requirements, and can therefore be approved under the Low Volume Vehicle Certification process, providing that the conditions of this certificate are met, and that there is no reason for a Low Volume Vehicle Certifier to believe that the safety of the vehicle has been compromised.

Component name:	'Probar' NZ registered design # 402307.
Manufacturer:	Van Extras, 9-11 Fairfax Avenue, Penrose, Auckland.
Purpose of component:	A window bar that spans the cant rail and waist rail of a glazed area within a multi-passenger vehicle, that allows the attachment of a emergency locking retractor lap and diagonal seatbelt, and that will withstand the combined loads of a running loop and a retractor mechanism.
Component description:	Bar assembly comprises 4 main components: ▪ two (one at each end) mild steel 12 mm round bar sections with formed threads with flattened ends (known as 'tips') formed from the 12 mm rod, each tip having a 12 mm OD hole; ▪ one main mild steel 22 mm OD tubular centre section with a 12 mm internal thread; ▪ a one-piece formed attachment connector (for seatbelt attachment) which runs inside and is welded to the main tubular centre section. Body of bar assembly is black powder-coated, with zinc-plated tips.
Identification markings:	Bar assembly has two identifiers: ▪ 'Probar' and '402307' stamped on the attachment connector; and ▪ a two-digit vehicle model code (will be a number between 01 and 30 inclusive) engraved on the lower tip.
Legal requirement:	Clauses 1.2(3)(c) and 2.3(5)(b) of LVVTA Low Volume Vehicle Standard 175-00(01) (Seatbelt Anchorages) requires that any tested window bar is pre-approved by LVVTA and issued with an LVVTA Approval Certificate. This Approval Certificate fulfils that legal requirement for 'Probar 402307'.
Installation requirements:	See Van Extras Fitting Instructions page, and two separate one-page diagrams; 'Fig 1 Parts Diagram', and 'Fig 2 Typical Cross-section'.
Vehicles approved for:	See two separate one-page schedules; 'Vehicles first registered in NZ', and 'Japanese Import Vehicles'.
Number of pages to accompany Approval certificate:	Six pages plus Approval certificate, comprising: ▪ 1 page letter from Transport specifications Ltd 'Background and Details for Installers and Low Volume Vehicle Certifiers'; ▪ 1 page 'Van Extras Fitting Instructions – Probar'; ▪ 2 pages diagrams 'Fig 1 Parts Diagram', and 'Fig 2 Typical Cross-section'; ▪ 2 pages approved vehicle model schedules 'Vehicles first registered in NZ", and "Japanese Import Vehicles'.

NOTES:

- Any variation between the component presented for Low Volume Vehicle Certification, and the description and other information provided in this Approval Certificate may invalidate the approval.
- This Approval Certificate does not make or imply any guarantees as to the quality of the design, construction, or installation of any individual window bar, but confirms that a test process has occurred for the Probar window bars that satisfies the loading requirements specified within LVVTA Low Volume Vehicle Standard 175-00(01) (Seatbelt Anchorages).

P.O. Box **75-790 Manurewa Auckland New Zealand** Office - **6 Hill Road Manurewa Auckland**
phone **64 9 268 9550** fax **64 9 268 9552** e-mail **tonylvvta@xtra.co.nz**