LOW VOLUME VEHICLE TECHNICAL ASSOCIATION Inc

Release of LVV Engine & Drive-train Conversion Standard and Survey Process Sheet

This information sheet covers the release of the following documents:

- LVVTA Standard **85-40(00) (Engine & Drive-train Conversions)**
- LVVTA Survey Process Sheet # **FS010 – Engine & Drive-train Conversions**

The Engine & Drive-train Conversion Standard

This low volume vehicle standard is based around the existing Section 9 Engine & Drive-train (draft) that was originally developed as part of the new Hobby Car Technical Manual presently under development, which was distributed to you as an interim best practice 'standard' on 24 November 2000, covered by Information Sheet 10-2000.

After it's initial development, it was agreed that this Hobby Car Technical Manual section should in fact have full lvv standard status, and has as a result been converted into a low volume vehicle standard and approved by the Land Transport New Zealand in the usual manner.

The content of this standard is largely the same as the old Hobby Car Technical Manual section draft, however a number of small changes and further improvements have been made. The main changes worthy of note are:

- Drive-shaft lengthening has been tightened up to require a new one-piece tube instead of the previously allowed insert or spigot.
- Nitrous oxide system requirements have been expanded.
- Typical modifications relating to this subject that do not require LVV certification have been identified and specified in section 4.

The new LVV Standard takes effect on 1 September 2002.

The old Hobby Car Technical Manual draft should now be removed from section 5 of your white LVV Manual and discarded, as per the amendment record sheet.

The Engine & Drive-train Conversion LVV Survey Sheet (issue 2)

The Engine & Drive-train Conversion Survey Sheet has been revised along with the new standard. Most of the changes are minor, to reflect the changes incorporated within the standard, however one significant change has been introduced for straightforward bolt-in factory option type conversions. The start of the survey sheet is structured in such a way, that such conversions can be identified right at the beginning, and their inspection can commence at item # 40, bypassing the parts of the survey sheet that don't apply to bolt-in factory option swaps, such as those requiring engine mount fabrication.

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This change was implemented as a result of lvv certifiers' suggestions at the last round of LVV Certifier training sessions.

The new LVV Engine & Drive-train Conversions Survey Sheet FS010 (issue 2) also takes effect on 1 September 2002, and should be inserted into Section 5 of your white LVV Manual, removing and discarding FS010 (issue 1), as per the amendment record sheet.

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