

Checklist H4

CHASSIS FRAME ALTERATION

(Y= Yes, N= No or N/A= Not Applicable)

1.0 Frame

- 1.1 Are all holes in the chassis drilled or reamed?
- 1.2 Are all holes in the web of the chassis rail, except where the original manufacturer's specifications allow holes in the flange of the chassis rail?
- 1.3 Are all holes spaced at least three times the diameter of the largest hole apart?
- 1.4 Were the modified chassis rails straight and square prior to assembly?
- 1.5 Are all cross members designed, positioned, and attached as per the manufacturer's specifications or as per this National Code of Practice?
- 1.6 Do reinforcement sections terminate at a distance of greater than 2H from all spring hangers and joins in the frame rail, where H = depth of the chassis rail?
- 1.7 Are the ends of reinforcement sections suitably tapered?
- 1.8 Does the thickness of the frame rail material exceed the thickness of the reinforcement section?
- 1.9 Do the profiles of all frame cutouts have a smooth transition to the original frame profile, and are all edges dressed smooth?
- 1.10* Are all frame cutouts positioned forward of the rearmost front suspension hanger bracket?
- 1.11* Do all frame cutouts remove less than 50% of the frame rail flange?
- 1.12* Are all frame cutouts in the upper and lower flanges a suitable distance apart?
- 1.13 Is the chassis of sufficient strength for its application?

2.0 Welding

- 2.1 Is all welding performed in accordance with the manufacturer's recommendations or this National Code of Practice?
- 2.2 Is all welding performed by suitably qualified tradesman?

3.0 Vehicle Specifications

- 3.1 If a suspension change has been carried out, has the suspension been installed in accordance with the suspension manufacturer's recommendations?
- 3.2 If an additional axle has been fitted, has it been installed in accordance with the axle manufacturer's recommendations?

HEAVY VEHICLE MODIFICATIONS

4.0 General

- 4.1 Are the modifications in accordance with this National Code of Practice or the manufacturer's recommendations for modifications of this nature?
- 4.2 Does the modified vehicle comply with all the requirements of the applicable ADR's?
- 4.3 Does the modified vehicle satisfy the requirements of the State or Territory Regulations?
- 4.4 Is the quality of workmanship to a satisfactory standard?
- 4.5 Have all of the modification details and all calculations applicable to the modification been recorded in accordance with this Modification Code?

***Even if the answer to the questions 1.10, 1.11 or 1.12 on frame cutouts is 'NO', still the modification may be acceptable, provided that the chassis is shown to be suitably reinforced in the critical regions.**

Vehicle Chassis No/VIN:

Vehicle Modifier:

Examined by:

Company (if applicable):

Certifying Officer No:

Modification Cert No:

Signed when printed:

Date: