

# Chapter 1

## **PREFACE**

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## 1. PURPOSE

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This book is provided to Body and Equipment Manufacturers, including intermediate and/or final stage manufacturers, (hereinafter collectively termed Body and Equipment Manufacturers), to provide:

- A technical guideline to have Hino Truck Chassis with cab comply with Canada emission regulations, Greenhouse Gas regulations (hereinafter termed GHG) and Canadian Motor Vehicle Safety Standards (hereinafter termed CMVSS).
- An aid to Body and Equipment Manufacturers for producing safe vehicles at own discretions and responsibilities.
- Other general advices for installation, modification or alteration.

When Body and Equipment Manufacturers install any body or other equipment or device on Hino Truck Chassis with cab (hereinafter termed Hino Chassis) or modify or alter a Hino Chassis.

## 2. RELATION TO OTHER HINO MANUALS

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In installing any body or other equipment or device on Hino Chassis, or modifying or altering a Hino Chassis in accordance with this book, Body and Equipment Manufacturers shall read the following documents together with this book, and shall observe all cautions in this book and the following documents:

- HINO DOCUMENT FOR INCOMPLETE VEHICLE (This document accompanies each Hino Chassis.)
- WORKSHOP MANUAL for any Hino Chassis model concerned (This document is available at HMC.)
- OWNER'S MANUAL (This document accompanies each Hino Chassis.)  
This book shall prevail over all manuals previously published regarding the installation, modification, or alteration of a Hino Chassis.

## 3. NON-GUARANTEE

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This book is not a substitute for knowledge of the requirements of Canada emission regulations and CMVSS.

This book does not guarantee the safety of a Hino Chassis which has been installed, modified, or altered by Body and Equipment Manufacturers.

## 4. CERTIFICATION AND COMPLIANCE WITH SAFETY REGULATIONS AND STANDARDS

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Body and Equipment Manufacturers shall be aware of their specific responsibilities in regard to the safety of Hino Chassis, shall be familiar with all current Canada emission regulations, GHG regulations and CMVSS, and shall be responsible for all necessary legal and technical knowledge to safely install, modify, or alter Hino Chassis.

Vehicle certification is a requirement of Motor Vehicle Safety Act.

It is the responsibility of the Body and Equipment Manufacturer to comply with all applicable laws and regulations in regard to the installation, modification, or alteration of vehicle parts and their certification.

The Body and Equipment Manufacturer is solely responsible for the final certification of the vehicle and for compliance with Canada emission regulations and CMVSS in effect on the stated date of such work.

New standards and amendments issued by Environment Canada and Transport Canada will appear in Canada Gazette from time to time. Body and Equipment Manufacturers may obtain the Canada Gazette through Canada Communication Group-Publishing, Ottawa Canada KIA OS9, or Transport Canada Web site on Motor Vehicle Safety Regulations.

Questions dealing with the specific application of CMVSS requirements or other applicable standards should be discussed with the Body and Equipment Manufacturer's legal counsel.

## 5. INSTALLATION, MODIFICATION, AND ALTERATION

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Any Body and Equipment Manufacturer who makes installation, modification, or alteration to an incomplete vehicle should recognize all the effects, either direct or indirect, on components, assemblies, or systems caused by such installation, modification, or alteration.

No installation, modification, or alteration should be made to the incomplete vehicle which either directly or indirectly results in any component, assembly, or system being in non-compliance with any motor vehicle safety standard.

Vehicle weight and dimensions are determined by Government and each state's regulations. The rear body must be mounted in such a way as to ensure regulatory compliance in Government and each state.

Equipment, devices, and tools installed by the body builder must comply with Government and state regulations.

## 6. CHANGE OF THIS BOOK

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The information contained in this book is accurate to the best of our knowledge at the time of publication. However, Hino Motors Canada, Ltd. (hereinafter termed HMC) reserves the right to change the information contained in this book in regard to production, design, and specification at any time, without notice and without obligation to give notice.

## 7. RELATION BETWEEN THIS BOOK AND THE VEHICLE WARRANTY

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This book provides general instructions and recommendations for the installation of body and equipment on Hino Chassis as well as a general guideline for modification or alteration of Hino Chassis.

Compliance with these recommendations will substantially contribute to the longevity of the vehicle.

However, such compliance is not necessarily the guarantee to satisfy all the technical standards for safety and with any safety regulations and standards.

As a vehicle manufacturer, HINO MOTORS, LTD. (hereinafter termed HML) or Hino Motors Manufacturing U.S.A., Inc. (hereinafter termed HMM (USA)) and as a vehicle distributor and manufacturer in Canada, HMC, neither approve nor disapprove any installation, modification, or alteration of Hino Chassis because HML or HMM (USA) and HMC cannot control the manufacturing procedures of the various Body and Equipment Manufacturers.

Therefore, any Body and Equipment Manufacturer who does installation, modification, or alteration of Hino Chassis have the sole responsibility of performing that work properly.

HML or HMM (USA) and HMC declare that HML or HMM (USA) and HMC do not assume any liability whatsoever for any damage to persons or property caused by the utilization of this book.

## 8. FURTHER INFORMATION

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This book has been designed as a source of basic information for Body and Equipment Manufacturers who perform installation, modification, or alteration.

Detailed information on the latest models of Hino Chassis such as chassis layout drawings, electrical diagrams, and component system diagrams are provided in the documents cited earlier.

Should more detailed data or information be needed, contact:

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