

Chapter 2

GOVERNMENT REGULATIONS

1. SAFETY STANDARDS
2. VEHICLE NOISE REGULATIONS INFORMATION
3. EMISSION CONTROL REGULATIONS

Canadian Government has established the various motor vehicle regulations regarding Safety, Noise, Exhaust emissions and GHG under the provisions of the related Acts of Congress. These regulations and Acts impose important legal responsibilities on manufacturers, dealers, body builders and other engaged in the manufacturing and marketing of motor vehicles and motor vehicle equipment.

All incomplete vehicles manufactured by HML or HMM (USA) or HMC for sale in Canada are conformed to comply with the applicable regulations. Alterations or the additions to the incomplete vehicle will affect the vehicle specifications and performance. Therefore, it is the responsibility of the intermediate and/or final stage manufacturer to ascertain that the final completed vehicle complies with all applicable regulations after the alterations or the additions are completed.

The following information is intended to assist you of understanding the applicable standards as for guide only.

Detailed information of the act or the regulation should be obtained from your legal counsel or from the government.

New regulations and the amendments issued by Canadian Governments will be published on the Canada Gazette from time to time. You may obtain the Canada Gazette through Canada Communication Group-Publishing, Ottawa, Canada KIT OS9.

1. SAFETY STANDARDS

Motor Vehicle Safety Act and the standards and regulations issued by Transport Canada impose responsibilities on manufacturers, dealers, body builders and others.

The following information identifies the requirements concerning certification of compliance to Canadian Motor Vehicle Safety Regulations of vehicles manufactured in two or more stages.

Compliance Statement

All incomplete vehicle manufactured by HML or HMM (USA) or HMC are complying with all applicable standards at the time of its manufacture, and the number of each standard is mentioned in Compliance Statement which is put in the cab of each vehicle in accordance with the provisions of Motor Vehicle Safety Regulations.

Therefore, it is the responsibility of subsequent manufacturers to ascertain the compliance of the vehicle after installation, modification or alteration.

Information Label


All incomplete vehicles manufactured by HML or HMM (USA) or HMC for sale in Canada are furnished with under the provision of section 6 of Motor Vehicle Safety Regulations.


This label contains the statements which specify the CMVSS to which the incomplete vehicle conforms in effect on the date of manufacture.

The party installing a body or equipment to complete the vehicle for delivery will be responsible to see that the completed vehicle meets all applicable CMVSS. For certification of compliance, the completed vehicle should affix a final certification label securely and permanently to the vehicle.

Detail of Information Label

- Incomplete vehicle for Trucks.
(Example)
< Day Cab >

Hino Motors Canada, Ltd.		
The vehicle is an incomplete vehicle.		
Le véhicule est un véhicule incomplet.		
V I N	XXXXXXXXXXXXXXXXXX	ICES/NMB-002
DATE OF MANUFACTURE	XX/XXXX	
GVWR/PNBV	33000 LBS / 14950 KG	
GAWR/PNBE	Fr 12000 LBS / 5440 KG	
	Rr 21000 LBS / 9530 KG	

MFD BY: HINO MOTORS CANADA, Ltd.		
DATE OF MANUFACTURE	XX/XXXX	
GVWR/PNBV	53200LBS / 24120KG	
GAWR/PNBE	FRONT 13200LBS / 5980KG	
	1ST INT 20000LBS / 9070KG	
	REAR 20000LBS / 9070KG	
THE VEHICLE IS AN INCOMPLETE VEHICLE.		
LE VÉHICULE EST UN VÉHICULE INCOMPLÉT.		
ICES/NMB-002		
V I N	XXXXXXXXXXXXXXXXXX	

GHG Label

All incomplete vehicles manufactured by HML or HMM (USA) or HMC for sale in Canada are provided with GHG Label and Compliance Statement under the provision of the Canadian Motor Vehicle Safety Regulations.

Detail of GHG Label
(Example)

VEHICLE EMISSION CONTROL INFORMATION	
Hino Motors, Ltd.	
VEHICLE FAMILY NAME :	XXXXXXXXXX
REGULATORY SUB-CATEGORY :	VOCATIONAL DIESEL MEDIUM HDV, MULTI-PURPOSE
EMISSION CONTROL SYSTEM :	LRRA
THIS VEHICLE COMPLIES WITH U.S. EPA REGULATIONS FOR XXXX MY HEAVY-DUTY VEHICLES.	

Be sure to observe the following instructions when installing body or equipment.

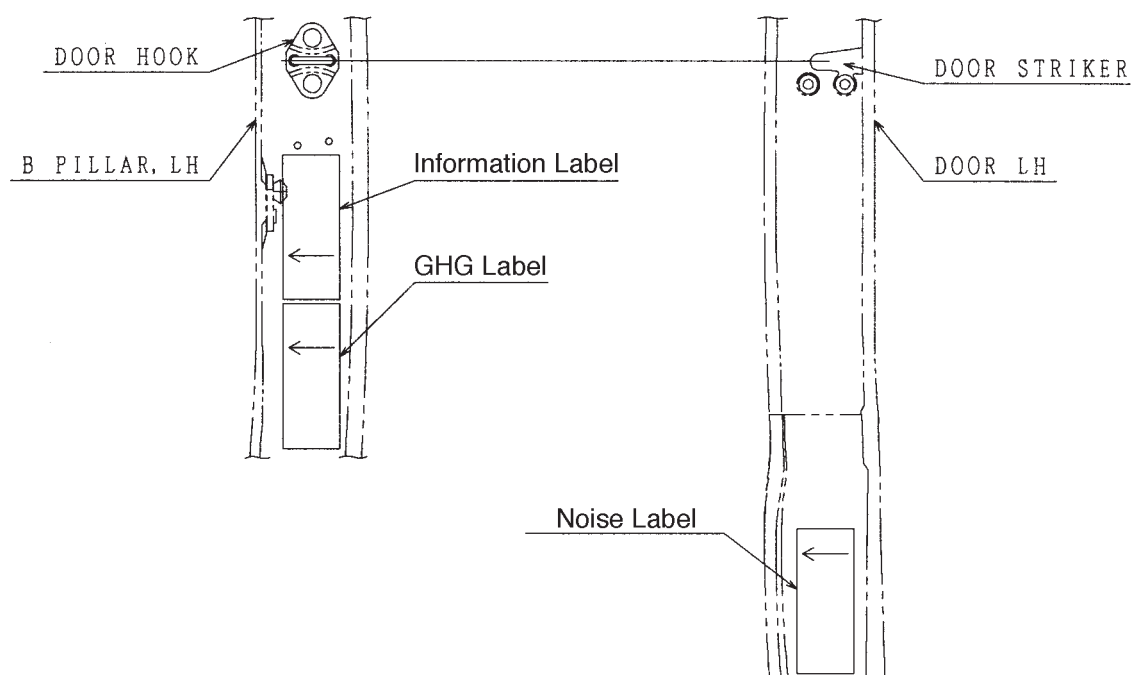
- Do not remove the labels.
- Mask the labels completely when painting.
- Do not use thinner or solvent when wiping off the labels.
- If the label becomes dirty or scratched, replace with a new label.

Please contact HMC or Hino authorized dealer if a new caution label is required.

The location of the Labels

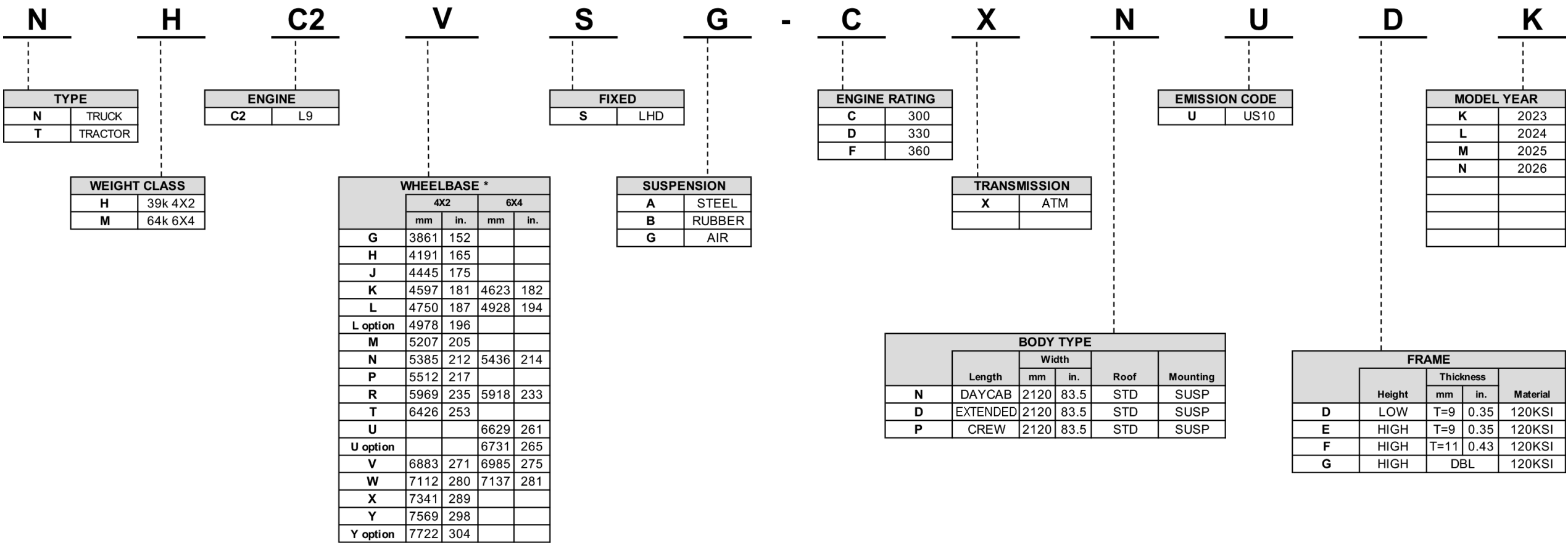
The Information Label and GHG Label are located on the position indicated in the following figures.

The Compliance Statement is enclosed in the overhead console box at the side of the driver's seat.



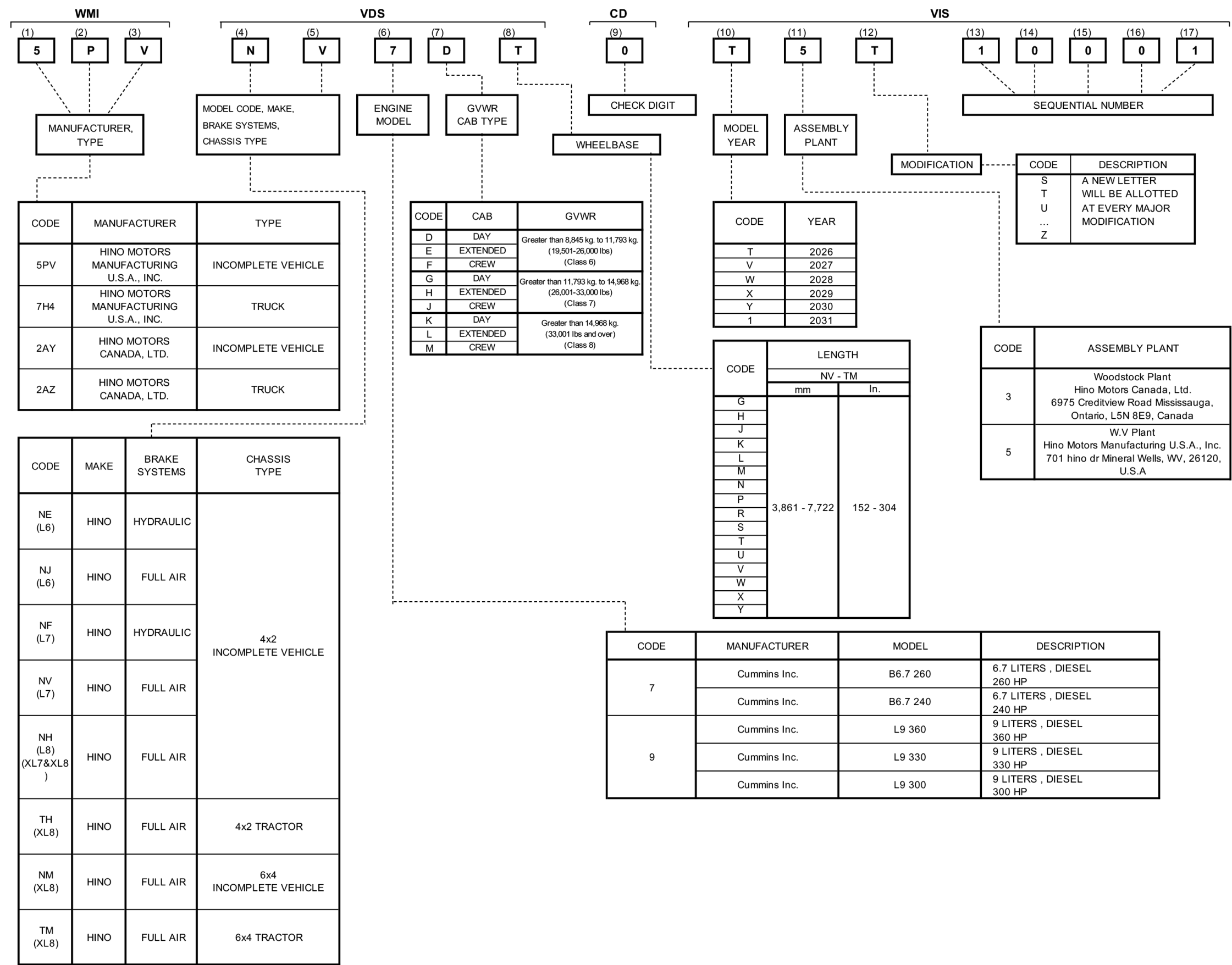
LEFT-SIDE DOOR AND B PILLAR OF THE CAB

MODEL CODE QUICK REFERENCE



* Wheelbase options can be found in VSI for L, U, and Y

HINO VEHICLE IDENTIFICATION NUMBER (VIN) STRUCTURE



2. VEHICLE NOISE REGULATIONS INFORMATION

Exterior Noise Regulations Applicable to Sale of New Vehicle

Transport Canada has established Noise Emission Standards applicable to the Medium-duty and Heavy-duty trucks {in excess of 4,536kg (10,000lb) GVWR} under the provisions of Motor Vehicle Safety Standard 1106.

Detailed information of the Motor Vehicle Safety Standard 1106 regulations can be obtained Transport Canada Web site on Motor Vehicle Safety Regulations.

All incomplete vehicles manufactured by HML or HMM (USA) or HMC for sale in Canada are designed to comply with the Heavy-duty Truck Noise Emission Standards. Information for these noise emission standards appears in the Hino Owner's Manual supplied with each Hino vehicle.

In planning vehicle modifications, the Tampering List which is mentioned in the Hino Owner's Manual should be consulted to identify those parts or systems the alteration or removal of which are most likely to affect the truck's compliance with the Noise Emission Standards. In addition, prospective modifiers should consider whether other contemplated modifications, not mentioned in the Tampering List, may increase the Noise Emissions of truck to an impermissibly high level. The Canadian regulations require regulated trucks completed by a subsequent stage manufacturer to conform to those standards. Motor Vehicle Safety Act as amended provides civil penalties for distribution in commerce by a manufacturer of noncomplying trucks, and criminal penalties where such distribution is willful or knowing.

Questions concerning compliance with noise regulations should be consulted with your legal counsel.

Interior Noise Regulations Applicable to Vehicles

Interior Noise Standard is specified in both Motor Vehicle Safety Standard 1106 and 49 CFR PART393.94(a)(b). It is applicable to every truck and bus with a GVWR of more than 4,536kg (10,000lb). This standard requires that the interior sound level at the driver's seating position of any such vehicle not exceed 90 dB(A) when measured in accordance with the test procedure described in the regulation.

Vehicles to which alterations or additions are made which may increase interior noise levels must be ascertained to comply with the interior noise regulation after the modifications have been completed.

3. EMISSION CONTROL REGULATIONS

All diesel engines installed in Hino incomplete vehicle comply with the applicable Canadian exhaust emissions requirements for Heavy Duty Engines (engines in vehicles exceeding 3,855 kg (8,500 lb) GVWR).

The intermediate and/or final stage manufacturer must assure that none of the engine emission related parts is either deleted or rendered inoperative.

Hino has worked with Cummins to develop a chassis package that meets Cummins installation requirements. Information found in Customer Engineering Bulletin (hereafter CEB) No.00597 - Installation Requirement / OEM Checklist Body Builder Installation Quality Assurance should be used as a guide for any OEM installed components that are modified or impacted by body-builder installed hardware. Relevant Application Engineering Bulletin (hereafter AEB)/ CEB information listed below can be obtained from your OEM, DOEM or Cummins Distributor.

This heavy-duty completed vehicle will conform to the standard if no alterations are made to the exhaust, aftertreatment components or following GHG reduction technologies specified in the owner's manual. No change can be made to the GHG reduction technologies shown below and specified in the owner's manual.

GHG reduction technologies:

- 1) Tire low rolling resistance
- 2) Idle reduction (Allison Neutral Idle)
- 3) Air conditioning system
- 4) Vehicle weight reduction (High-Strength Steel Wheel (if fitted), Aluminum Wheel (if fitted), Axle and Axle Hubs, Suspension Brackets, Hangers, Cross member - Cab, Cross member - Non-Suspension, Cross member - Suspension, Driveshaft and Frame Rails)
- 5) Tire Pressure Monitoring System (TPMS) (if fitted)

This heavy-duty incomplete vehicle is equipped with a heavy-duty engine that meets the requirements of heavy-duty vehicle and engine greenhouse gas emission regulation. No changes can be made to the emissions on-board diagnostics (OBD) system.

According to Federal exhaust emissions requirements, the 'CLEAN IDLE label' is stuck on the front of door .

Be sure to observe the following instructions when installing body or equipment.

- Do not remove the label.
 - Mask the label completely when painting.
 - Do not use thinner or solvent when wiping off the label.
 - If the caution label becomes dirty or scratched, replace with a new label.
- Please contact Cummins Distributors, if a new label is required.

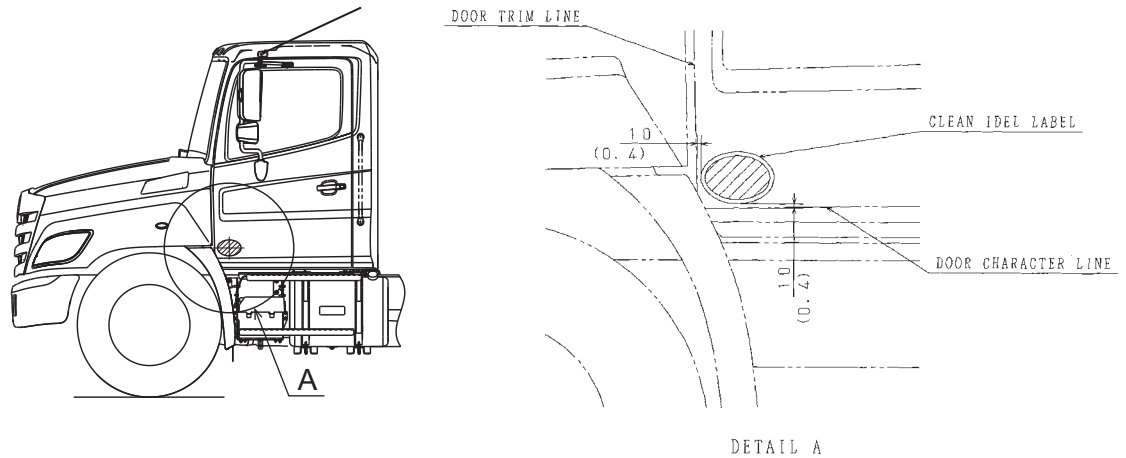
For more information on 'CLEAN IDLE label', please refer to CEB00431.

Detail of United States Environmental Protection Agency (hereinafter termed EPA) CLEAN IDLE label



Detail of location of EPA CLEAN IDLE label

Unit : mm (in.)



A copy of the appropriate Hino Owner's Manual and Service & Warranty Information must be installed each vehicle prior to sale to the ultimate purchaser in order to provide emission systems warranty and maintenance schedules.

Emission-related installation instructions:

Failing to follow these instructions when completing assembly of a heavy-duty motor vehicle violates federal law, subject to fines or other penalties as described in the Clean Air Act.

Air conditioning system:

- The state of California and United States Environmental Protection Agency limit the air conditioning refrigerant leak rate to 11.0 grams per year or 1.50 percent of the nominal refrigerant charge per year, whichever is greater, per 17 CCR § 95663 and 40 CFR PART 1037 respectively.
- This vehicle, when completed, will meet the leakage standard in 17 CCR § 95663 and 40 CFR PART 1037 if no alterations are made to the vehicle air conditioning system as delivered and no additional air conditioning components are added.
- If additional air conditioning components are added by a secondary vehicle manufacturer, or if the air conditioning system is otherwise modified by the secondary vehicle manufacturer, the final completed system must meet the leakage standard in 17 CCR § 95663 and 40 CFR PART 1037.