

LPG/LNG/CNG Conversions

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For further information please write to the Manager – Vehicle Safety & Policy
60 Denmark Street, Kew, 3101 or contact your local Customer Service Centre.

Introduction

Regulation 257 of the Road Safety (Vehicles) Regulations 2009 requires all modifications to a vehicle to either have specific approval from VicRoads or to be carried out in accordance with guidelines published by VicRoads.

Conversion of an existing motor vehicle to operate on Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG) or Compressed Natural Gas (CNG) is a modification.

This document is a published guideline for the purposes of Regulation 257.

Any LPG, LNG or CNG conversion carried out in accordance with this document is an approved modification.

Requirements

1. All LPG installations must comply with the technical requirements of the version of Australian Standard AS/NZS 1425 current at the time of conversion and be fitted with an acceptable *LPG Compliance Plate* if converted to operate on LPG on or after 1 February 1993.
2. All CNG installations must comply with the technical requirements of Australian Standard AS/NZS 2739 current at the time of conversion and be fitted with an acceptable *NG Compliance Plate* if converted to operate on CNG on or after 1 August 2000.
3. All LNG installations must comply with the technical requirements of the version of Australian Standard AS/NZS 2739 current at the time of conversion and be fitted with an acceptable NG compliance plate if converted to operate on LNG on or after 16 March 2009.
4. The structural integrity of the vehicle and its continued compliance with the Standards for Registration must not be adversely affected (see Note).
5. VicRoads must be notified by the registered operator of the change in fuel type using the LPG/LNG/CNG Conversion Report provided overleaf.

General

An acceptable *LPG or NG Compliance Plate* is one issued by:

- The Automotive Alternative Fuels Registration Board (AAFRB). (Compliance plates are only issued to businesses registered with the AAFRB - ph (03) 9862 6700);
- Other recognised State and Territory regulatory authorities; or
- Approved volume vehicle manufacturers, e.g. Holden, Ford, etc.

The LPG/LNG/CNG Conversion Report, overleaf, should be presented, completed and signed, at any VicRoads Customer Service Centre to record the fuel type change with VicRoads. Alternatively you may mail the completed form to:

VicRoads

GPO Box 1644

MELBOURNE VIC 3001.

A *LPG Compliance Plate* is not required on LPG conversions carried out prior to February 1993, a *CNG Compliance Plate* is not required on conversions carried out prior to August 2000 and a NG compliance plate is not required on LNG conversions carried out prior to 16 March 2009. These conversions are approved modifications provided they comply with the technical requirements of the relevant Australian Standard current at the time of conversion. However, the conversions may not be acceptable to prospective purchasers of the vehicle and may not be recognised in a number of other States and Territories. For these reasons it is suggested that existing conversions be checked and fitted with the appropriate compliance plate.

Note: If significant alterations are made to the structure of a vehicle an engineering assessment of the effects should be obtained. If the installation of the tank affects one or more of the existing mandatory child restraint anchorage points, acceptable replacements must be installed. An approval certificate issued by a member of the Vehicle Assessment Signatory Scheme (VASS) will be required for any replacement child restraint anchorage points.

LPG/LNG/CNG CONVERSION REPORT

TO: VIC ROADS
GPO BOX 1644
MELBOURNE VIC 3001

VEHICLE REG. No
DATE/...../20.....

OWNERS DETAILS (USE BLOCK LETTERS)

SURNAME, FAMILY NAME OR COMPANY NAME		
CHRISTIAN OR GIVEN NAMES		
ADDRESS	POSTAL	Postcode
	RESIDENTIAL (if same as postal, write AS ABOVE)	Postcode

VEHICLE DETAILS (USE BLOCK LETTERS)

MAKE OF VEHICLE	TYPE OF VEHICLE (i.e. Sedan, Utility, Prime-mover, Tray, etc.)		
YEAR OF MANUFACTURE			
FUEL SYSTEM CONVERTED TO: (Tick appropriate box)	LPG ONLY <input type="checkbox"/>	LNG ONLY <input type="checkbox"/>	CNG ONLY <input type="checkbox"/> DUAL FUEL <input type="checkbox"/>
If Dual Fuel indicate which combination applies. (Tick appropriate boxes)	PETROL <input type="checkbox"/>	DIESEL <input type="checkbox"/>	LPG <input type="checkbox"/> LNG <input type="checkbox"/> CNG <input type="checkbox"/>
DATE OF CONVERSION:/...../20.....	CONVERTED/CHECKED by:	NAME:	
ENGINE NUMBER		ADDRESS:	Postcode:
CHASSIS No/VIN			
LPG/NG COMPLIANCE PLATE NUMBER		REGISTERED BUSINESS No:	AAFRB: OTHER:
		CONVERTER'S SIGNATURE	
OWNER'S SIGNATURE			

OFFICE USE ONLY	CUSTOMER SERVICE CENTRE	SIGNATURE OF R & L OFFICER	DATA BASE AMENDED
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