



SUPPLEMENTARY OWNER'S MANUAL FOR VEHICLE FITTED WITH CNG FUEL SYSTEM

Use this Supplementary Owner's manual along
with Owner's manual

Refer for vehicle usage at all times.

Contains important information on Safety, Operation & Maintenance.

Part No. 99016M75UE0-74W
July, 2025 (ENG.)

NOTE:

- **As per Government regulation, CNG cylinder needs to be checked and certified every THREE (3) YEARS from the date of initial testing as mentioned on the CNG cylinder identification plate. Customer has to present the vehicle to a government approved testing agency.**
- **As per Government regulation, CNG cylinder has to be discarded at 20 YEARS from the date of initial testing as mentioned in the CNG cylinder identification plate. Customer has to discard the cylinder at his / her expense through government approved scrap agencies.**
- **DO NOT reuse the cylinder valve, once it is replaced / removed from cylinder assembly.**

CONTENTS

INTRODUCTION TO CNG.....	1
SAFETY PRECAUTIONS (Do's and Don'ts)	1
LAYOUT OF THE CNG SYSTEM.....	2
FUEL MODES	3
SELECTOR SWITCH POSITION	3
PETROL MODE.....	3
AUTO MODE	4
FORCED CNG MODE	4
CNG LEVEL INDICATOR	4
AUTOMATIC CHANGEOVER FROM CNG MODE TO PETROL MODE.....	5
CNG FILLER VALVE.....	5
CNG CYLINDER.....	6
CNG CYLINDER WARNING LABEL	6
MANUAL SHUT-OFF VALVE	6
MANUAL SHUT-OFF VALVE OPERATION	6
LIST OF GOVERNMENT APPROVED CNG	
CYLINDER TESTING STATIONS	8
SPARE TYRE REPLACEMENT	8
KIT IDENTIFICATION	10
CNG WARNING LABEL.....	10
INSTRUMENT CLUSTER	11
CNG MALFUNCTION WARNING LAMP	11
TFT DISPLAY	12
CNG LOW FUEL WARNING LIGHT	13
FUSES.....	13
PERIODIC MAINTENANCE SCHEDULE	14
SPECIFICATIONS.....	15
FIRE EXTINGUISHER.....	16

INTRODUCTION TO CNG:

CNG (Compressed Natural Gas) mainly contains methane. CNG is considered as a clean burning fuel. Due to low density of CNG, it is compressed at a pressure of around 200 bars to enhance the vehicle on-board storage capacity.

CAUTION

In case of any symptom of CNG leakage or releasing noise or any external damage to CNG piping or during accident, do not panic.

- **Stop the vehicle and switch off the engine, roll down the windows and open all the doors**
- **Ensure to close manual shut off valve.**
- **Contact Maruti Suzuki authorised workshop immediately for further assistance.**

SAFETY PRECAUTIONS (Do's)

1. If any service or body repair is to be carried out, turn the manual shut off valve on CNG cylinder valve to close position prior to commencement of the repair work.
2. Get the CNG cylinder checked every three (3) years from the date of last testing / retesting of cylinder by government authorised CNG cylinder testing agency.
3. If the vehicle does not changeover to CNG in AUTO MODE, then have your vehicle checked by Maruti Suzuki authorised workshop at the earliest.
4. Switch "OFF" engine while filling the fuel (CNG/Petrol).
5. After refueling CNG or Petrol, ensure that the fuel filler lid is closed. (Otherwise vehicle cannot be started)
6. In AUTO MODE, the system is programmed to start the vehicle in petrol and automatically shift to CNG based on engine temperature & other parameters. Do not press the accelerator pedal to change from petrol to CNG.

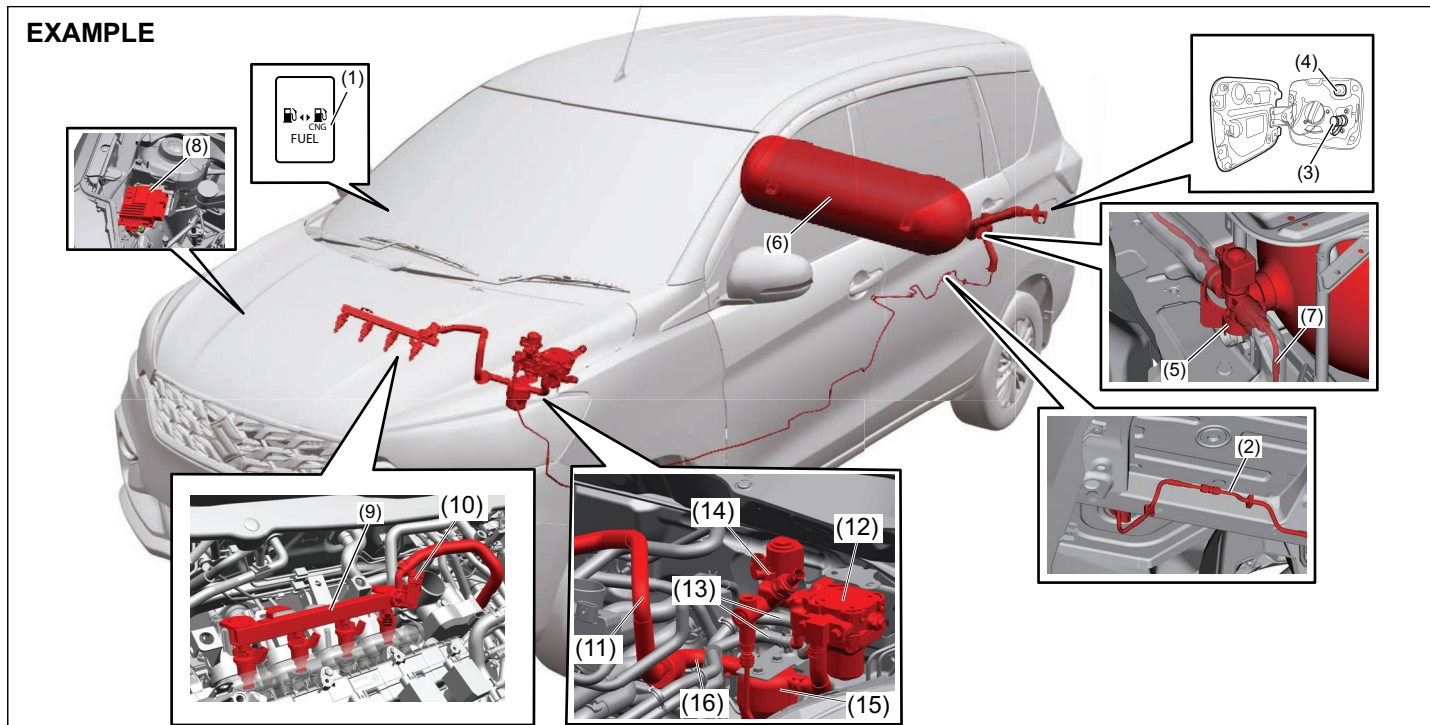
SAFETY PRECAUTIONS (Don'ts):

1. Do not change/modify the configuration, settings or the components of CNG system.
2. The CNG cylinder should not be repaired under any circumstances. In case of any problem, consult with Maruti Suzuki authorised workshop.
3. Do not adjust setting of CNG system.
4. Never install LPG or any other gas cylinder in place of CNG cylinder.
5. Avoid carrying inflammable material near the CNG cylinder.
6. Do not fill any gas other than CNG.
7. Do not press the accelerator pedal to change from petrol to CNG MODE.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

LAYOUT OF THE CNG SYSTEM

EXAMPLE



(1) Changeover / Selector switch

(2) High pressure pipe

(3) CNG Receptacle / Filler valve

(4) Fuel lid switch

(5) CNG cylinder valve

(6) CNG cylinder

(7) Vent hose

(8) CNG controller

(9) CNG injectors

(10) Low pressure & temperature sensor

(11) Low pressure CNG hose

(joint to rail)

(12) Pressure regulator

(13) Water hoses

(14) High pressure sensor

(15) CNG filter

(16) Low pressure CNG hose
(filter to joint)

72RMC018

FUEL MODES

There are three fuel modes in the vehicle (Petrol, Auto and Forced CNG) which are selectable by pressing the selector switch (1) located on the right side of the steering wheel on the dashboard.

WARNING

Make sure that the parking brake is applied fully and the transmission is in Neutral before attempting to start the engine.

NOTICE

- For protection of a lead-acid battery and a starter motor, if you use the starter motor by turning the key to "START" for more than 12 seconds at a time, the starter motor stops automatically. Turn the key to "LOCK" position and wait for more than 30 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition system or consult a Maruti Suzuki authorised workshop.
- If the engine starts, the starter motor stops automatically.

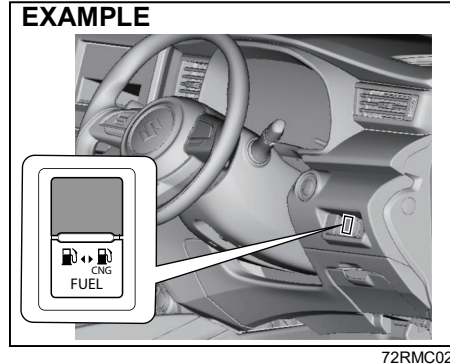
NOTE:

- Do not press the accelerator pedal to changeover from petrol to CNG mode.

- With ignition switch "ON" and engine not running, blinking of CNG malfunction warning lamp indicates that fuel lid is open. Vehicle will not start in this condition. For details on CNG malfunction warning lamp, refer to "Instrument cluster" section in this manual.

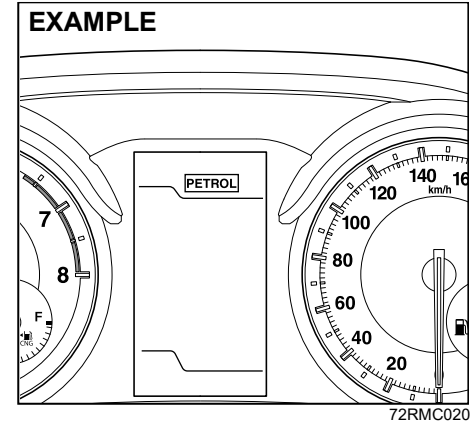
SELECTOR SWITCH POSITION

EXAMPLE



PETROL MODE

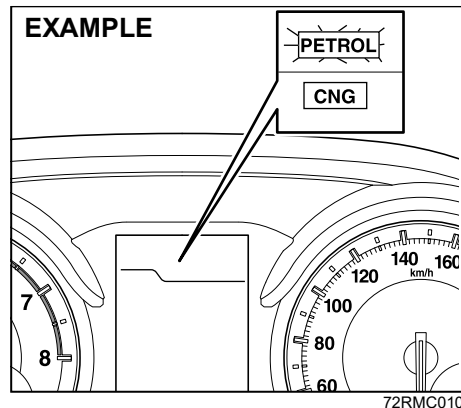
EXAMPLE



In this mode vehicle starts in petrol and continues to run in petrol mode. In this mode, petrol indication is continuously displayed in instrument cluster.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

AUTO MODE



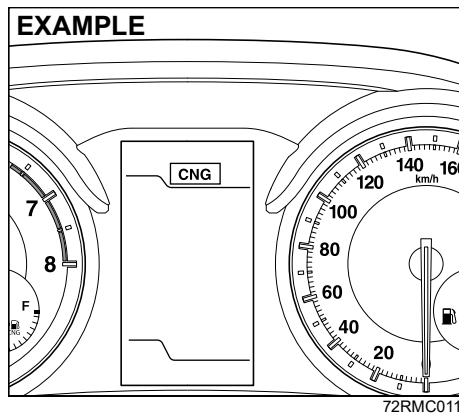
In this mode engine starts in petrol mode and then automatically changes to CNG mode after reaching programmed warming up condition. With ignition switch ON and vehicle started in "AUTO MODE", PETROL indicator is displayed. After changeover to CNG, CNG indicator will be displayed and Petrol indicator will switch OFF automatically.

NOTE:

- It is always recommended to start the vehicle in AUTO MODE or PETROL MODE to enhance the engine life.
- The fuel changeover to CNG may not happen if the vehicle is started when the ambient / engine temperature is below Zero Degree Celsius. In such a case,

run the engine in PETROL MODE till it warms up and then try restarting the engine to changeover to CNG.

FORCED CNG MODE

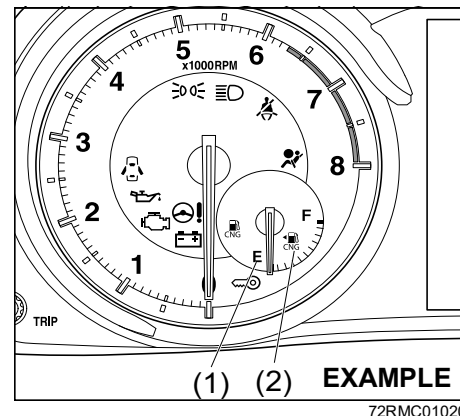


This is an emergency mode and may be used in cases where there is no petrol in the petrol tank. In this mode vehicle starts in CNG mode and continues running in CNG mode. With ignition "ON" and engine not running, press and hold the change-over switch till only CNG indicator is displayed. In this mode, CNG indicator is displayed and Petrol indicator remains "OFF".

NOTE:

- It is recommended to keep sufficient amount of petrol in the petrol tank.
- The vehicle may not start in Forced CNG mode if the ambient / engine temperature is below Zero Degree Celsius. It is recommended to start the vehicle in Auto mode.

CNG LEVEL INDICATOR



(1) CNG level indicator

When the ignition switch is in the "ON" position, this gauge (1) gives an approximate indication of the quantity of CNG fuel in the CNG tank. "F" stands for full and "E" stands for empty.

If the CNG level meter indicator shows only one segment to "E" refill the CNG tank as soon as possible.

NOTE:

If the CNG low fuel warning light (3) comes on, fill the CNG tank immediately.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

AUTOMATIC CHANGEOVER FROM CNG MODE TO PETROL MODE

If CNG is finished while the engine is running, vehicle will automatically changeover from CNG mode to Petrol mode & CNG malfunction warning lamp will start blinking. Petrol indicator will be displayed continuously and CNG indicator will switch OFF automatically.

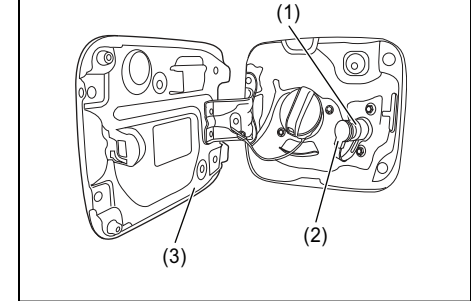
To acknowledge this information, press the changeover switch once. The CNG malfunction warning lamp will stop blinking after the changeover switch is pressed and petrol indicator will be displayed continuously. However the CNG malfunction indicator lamp will continue to blink after every subsequent Ignition ON - Ignition OFF condition until the vehicle is refilled with CNG.

NOTE:

- *It is recommended to keep sufficient amount of petrol in the petrol tank to prevent engine stalling while automatic changeover from CNG mode to Petrol mode.*
- *In case the CNG malfunction warning lamp does not stop blinking after pressing the changeover switch, take the vehicle to the nearest Maruti Suzuki authorised workshop.*

CNG FILLER VALVE

EXAMPLE



72RMC006

The CNG filler valve is integrated in fuel box next to petrol fuel filler cap.

CNG filler valve (1) can be uncovered by pulling out the Filler valve cover (2) and it can be covered by simply pushing it back.

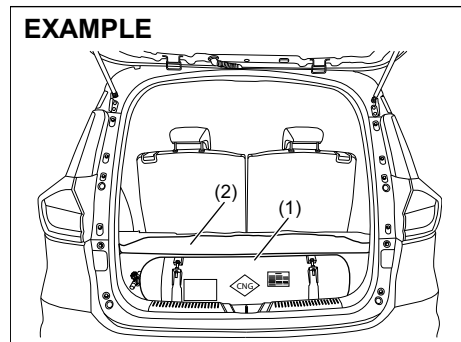
Filling automatically gets cut off when the cylinder pressure becomes equal to dispenser pressure. After CNG filling, ensure that the filler valve cover (2) and fuel filler lid (3) is closed.

NOTE:

- *If the Fuel filler lid (3) is kept open, you will not be able to start the vehicle.*
- *Engine will stop if the fuel filler lid (3) is opened in vehicle stationary condition.*

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

CNG CYLINDER



72RMC003

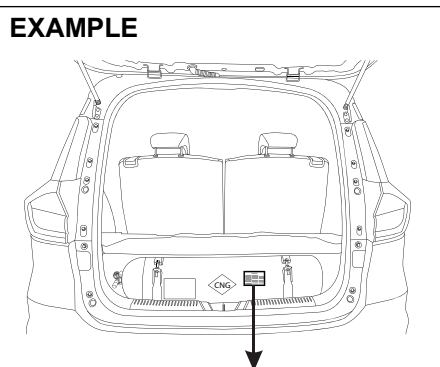
CNG cylinder (1) is installed in the luggage compartment below luggage shelf (2).

Luggage shelf (2) above CNG cylinder may be used for keeping lightweight luggage.

⚠ CAUTION

- Do not place any luggage or load between luggage shelf and cylinder as it may damage the cylinder, pipe, hose, valve etc.
- Do not place any heavy luggage or load over luggage shelf as it may damage it.

CNG CYLINDER WARNING LABEL



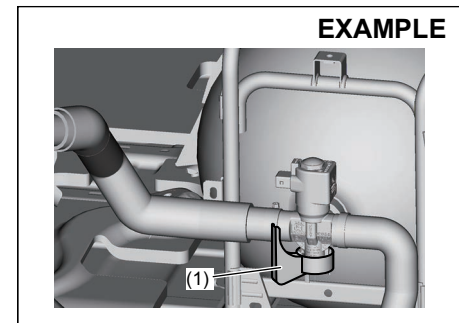
⚠ WARNING

- Do not change the colour of this cylinder.
- Do not fill this cylinder with any other gas than CNG.
- No flammable material should be stored in the close vicinity of this cylinder or in the same room in which it is kept.
- No oil or similar lubricant should be used on the valves or other fittings of this cylinder.
- Have this cylinder tested every 3 years after the date of last test.

72RMC004

You may find this label on the CNG cylinder.

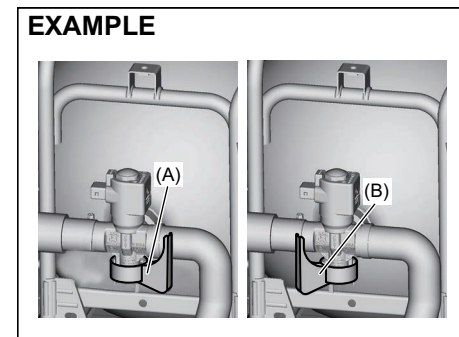
MANUAL SHUT-OFF VALVE



72RMC001

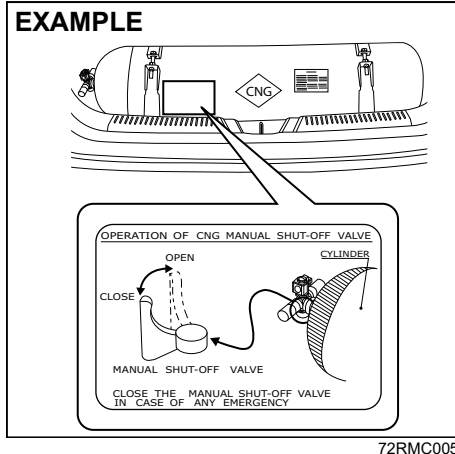
Manual shut-off valve (1) is located on the left hand side of the CNG cylinder.

MANUAL SHUT-OFF VALVE OPERATION



72RMC002

EXAMPLE



72RMC005

CNG supply can be switched off by closing the manual shut-off valve.

Valve closing: Turn the knob (A) completely in clockwise direction to close the CNG supply to Engine.

Valve opening: Turn the knob (B) completely in anti-clockwise direction to open the CNG supply to Engine.

NOTE:

- If the manual shut-off valve is not opened fully, then the engine may not run properly.
- If the manual shut-off valve is in closed condition, it is not possible to fill CNG into the cylinder.

NOTE:

- As per Government regulation, CNG cylinder needs to be checked and certified every three (3) years from the date of initial testing as mentioned on the CNG cylinder identification plate. For details on CNG cylinder identification plate, refer to "Kit identification" section in this manual.
- Customer has to present the vehicle to a government approved testing agency.
- Failure to test the cylinder may result in denying of CNG filling by the CNG dispensing stations or may result in confiscation of the vehicle by enforcement authorities.
- All the expenses for CNG cylinder testing has to be borne by the customer.
- As per Government regulation, CNG cylinder has to be discarded at 20 years from the date of initial testing as mentioned in the CNG cylinder identification plate.
- Customer has to discard the cylinder at his / her expense through government approved scrap agencies.
- No person shall refill any cylinder, which has been repaired under sub-rule (2) with any gas unless a full report on the repairs and test carried out on the cylinder, accompanied by the repairer's certificate of testing are furnished to the Chief Controller and his permission is obtained for its refilling.

⚠ WARNING

- Never remove the cylinder valve from the cylinder assembly. For any assistance consult Maruti Suzuki authorised workshop.
- Never try to clean the cylinder. In case of any problem, contact Maruti Suzuki authorised workshop.
- Do not reuse the cylinder valve, once it is replaced / removed from cylinder assembly.
- Even if the CNG from the cylinder is consumed till engine stops, some amount of CNG will be left out in the tank under pressure.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

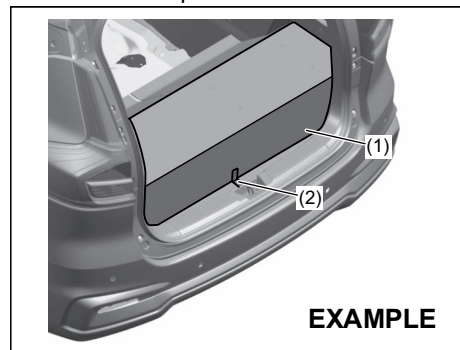
LIST OF GOVERNMENT APPROVED CNG CYLINDER TESTING STATIONS

To obtain testing stations information visit the following internet website address "www.peso.gov.in"

SPARE TIRE REPLACEMENT

The spare tire is stowed under the rear floor.

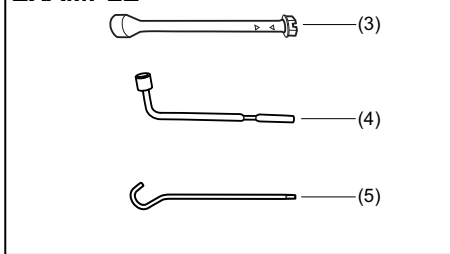
To remove the spare tire:



72RMC014

- 1) Open the luggage board cover (1) by pulling the strap (2) upwards.
- 2) Place the luggage board cover (1) over the top of luggage board to access CNG cylinder compartment.

EXAMPLE

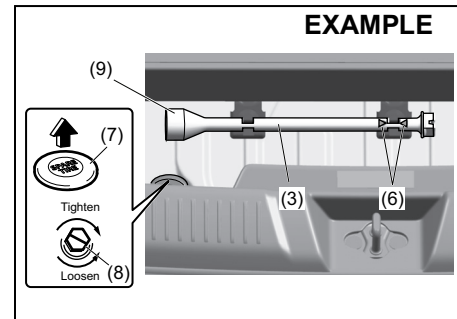


72RMC021

- (3) Extension
- (4) Wheel wrench
- (5) Jack handle

NOTE:

- Extension is placed on CNG cylinder holder frame.
- Wheel wrench and jack handle are stowed in the tool bag under the driver's seat
- For other details, refer emergency service section of main owner's manual.

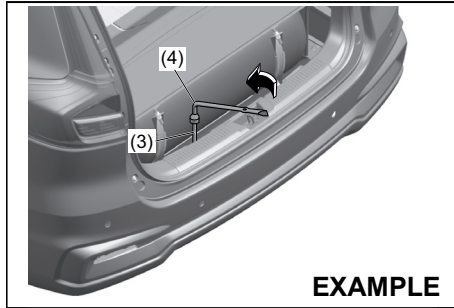


72RMC015

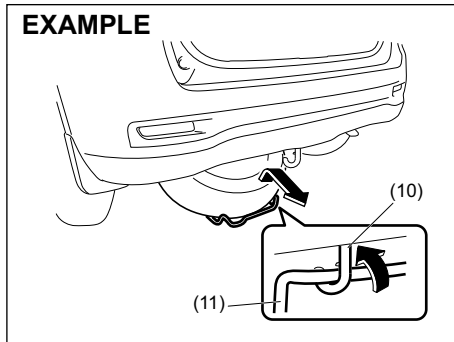
- 3) Remove extension (3) and spare tire cap (7) to access hook bolt (8).

NOTE:

- Install the cap and extension back to their proper location.
- While installing the extension, always ensure the triangle marks (6) on it are fixed as shown in the image so that wrench end (9) of the extension is towards the cap.



- 4) Use extension (3) and wheel wrench (4) as shown in above image.



- 5) Rotate the wheel wrench end (9) in anticlockwise direction to loosen the hook bolt (8) of the spare tire holder (11).

NOTICE

If the hook bolt is loosen too much, the hook might become loose and the spare tire holder might drop off to the ground inadvertently.

- 6) Unhook the spare tire holder and lower it slowly.
- 7) Remove the tire.

To install the spare tire:

- 1) Install the spare tire facing up the outside of the wheel in the reverse order of removal.
- 2) Tighten the spare tire holder hook bolt securely.

⚠ WARNING

Do not drive your vehicle with the loose spare tire holder hook bolt, otherwise it may become loose or the spare tire may drop off, which can result in an accident.

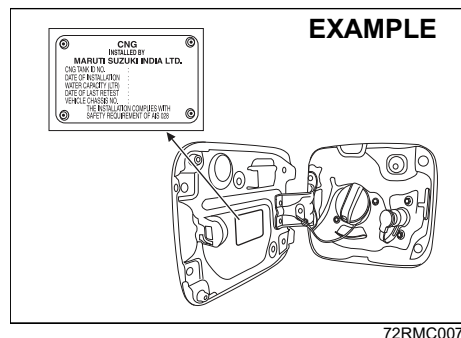
NOTICE

Make sure that the spare tire is fixed firmly by tightening the spare tire holder hook bolt securely. Loosely fixed tire may cause noise during driving. However, do not overtighten the hook bolt, it may get warped or broken.

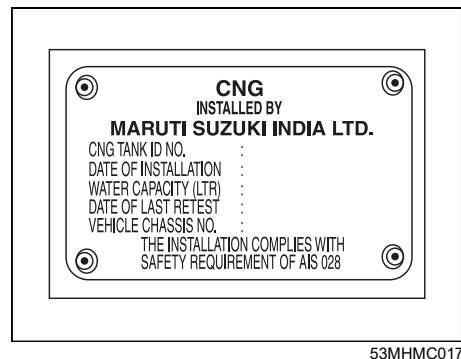
Tightening torque for the spare tire holder hook bolt
30 Nm (3.0 kg-m, 22.1 lb-ft)

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

KIT IDENTIFICATION

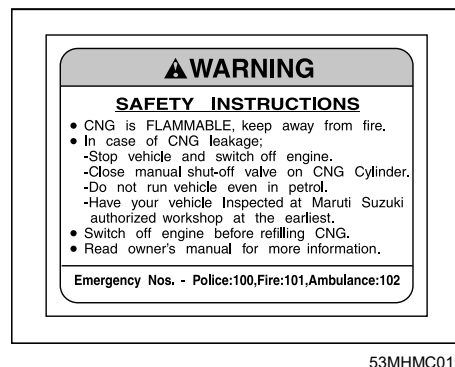
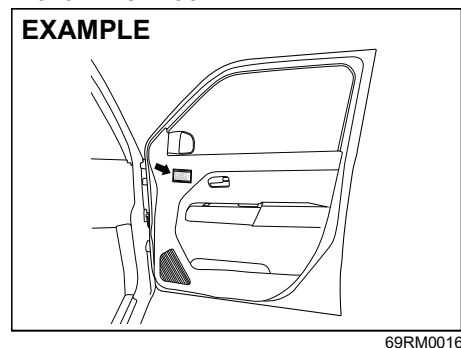


CNG cylinder identification number and CNG kit installation date is mentioned on the CNG cylinder identification plate located inside fuel filler lid.



CNG WARNING LABEL

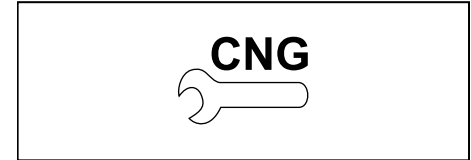
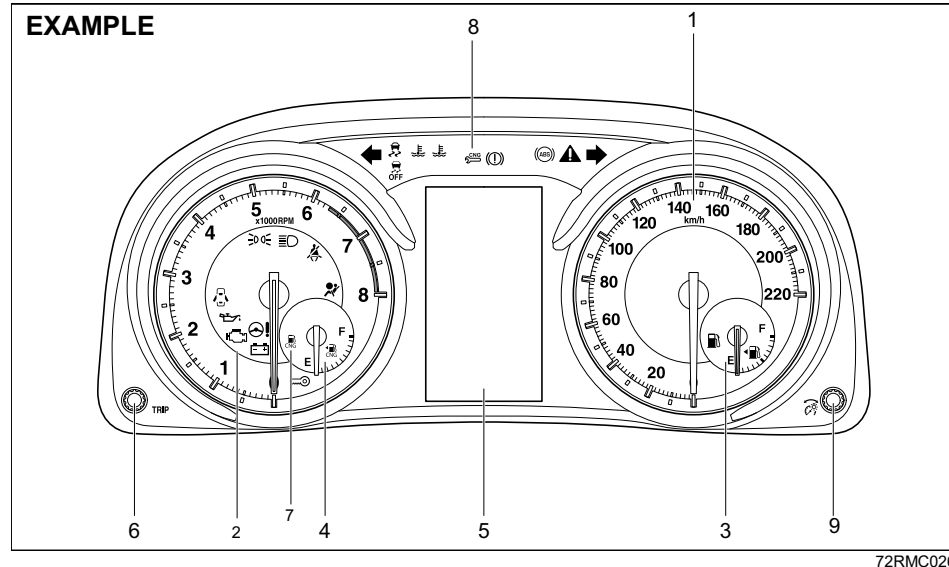
Front Driver Door



CNG warning label is located on front right door.

INSTRUMENT CLUSTER

CNG MALFUNCTION WARNING LAMP



When the ignition switch is turned "ON", this CNG malfunction warning lamp comes on briefly, to check that the CNG malfunction lamp is trouble free.

- If CNG malfunction warning lamp glows continuously, with ignition "ON" there is some problem with the CNG system. Immediately get your vehicle checked by Maruti Suzuki authorised workshop.
- If CNG malfunction warning lamp blinks during engine running, it means there is some problem in CNG system in which vehicle cannot continue running in CNG-MODE and automatically switches over to petrol mode. Have your vehicle checked at a Maruti Suzuki authorised workshop.

NOTE:

With ignition switch "ON" and engine not running, blinking of CNG lamp indicates that fuel lid is open. Vehicle will not start in this condition. Close the lid in order to start the vehicle.

- | | |
|---------------------------------------|--|
| (1) Speedometer | (5) Odometer / Tripmeter |
| (2) Other warning and indicator lamps | (6) Tripmeter selector knob |
| (3) Fuel indicator (Petrol) | (7) CNG low fuel warning light |
| (4) Fuel indicator (CNG) | (8) CNG malfunction warning Indicator lamp |
| | (9) Indicator selector knob |

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

TFT Display

- **Mode ratio and total CNG mode time:**
The display shows mode ratio of CNG/ Petrol and total CNG mode time. Mode ratio and total CNG mode time will be reset by pushing and holding the indicator selector knob (9) when the display indicates mode ratio.

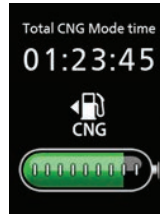
EXAMPLE



66TC0010

- **CNG gauge and total CNG mode time:**
The display shows CNG gauge and total CNG mode time. Total CNG mode time can not be reset when the display indicates CNG gauge. If you want to reset it, change to mode ratio display.

EXAMPLE



66TC0011

NOTE:

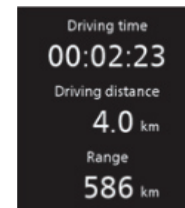
When Ignition mode is ON, Instantaneous fuel consumption, Average fuel consumption and Driving range information will not be displayed on information display.

- **Information shown after driving:**

When you press Engine Switch to change Ignition mode to "LOCK" (OFF) while in Auto mode or Forced CNG mode, then Driving range will be shown as "---" in displayed information.

If you change Ignition mode to "LOCK" (OFF) while in PETROL mode, Driving range will be shown in displayed information.

EXAMPLE



66TC0012

CNG LOW FUEL WARNING LIGHT



69RM0028

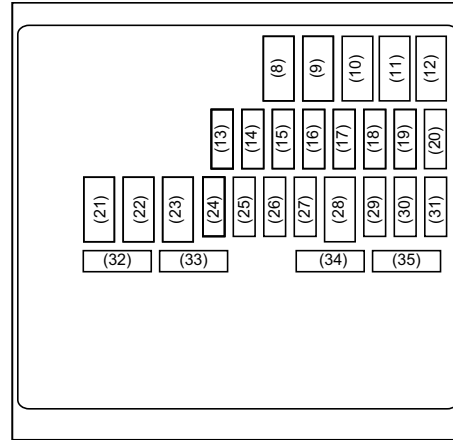
If this light comes on, fill the CNG tank immediately.

When this light comes on, a ding sounds once to remind you to fill the fuel.

If you do not fill the fuel, a ding sounds every time when the ignition switch is turned to "ON" position.

FUSES

Fuses in engine compartment



72RM06012

(24)	7.5A	CNG valve
(33)	5A	CNG Ignition 1
(35)	7.5A	CNG

For other fuses, refer "Inspection and maintenance" section in the main owner's manual.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

PERIODIC MAINTENANCE SCHEDULE

Kms (1 x 1000) Month	1 1	5 6	10 12	20 24	30 36	40 48	50 60	60 72	70 84	80 96	90 108	100 120
Spark Plug	Replace every 50,000 Kms or 48 months whichever comes first											
All Joints (Gas leakage)	I	I	I	I	I	I	I	I	I	I	I	I
Coolant Hoses (Leakage, Damage)	I	I	I	I	I	I	I	I	I	I	I	I
All Fasteners Torque values	T	T	T	T	T	T	T	T	T	T	T	T
CNG low pressure filter cartridge with O-Ring	-	-	-	R	-	R	-	R	-	R	-	R
CNG cylinder leak testing and certification	Every 3 years from the date of initial testing by govt. approved testing agency											
CNG filler receptacle O-Ring	Replace every 4 years or 300,000 Km, whichever comes earlier											

TTighten to Specified Torque

I Inspect and correct or replace if necessary

R Replace

NOTE:

- This table includes services as scheduled up to 100,000 km mileage. Beyond 100,000 km, carry out the same services at the same intervals respectively.
- For other maintenance details refer "Inspection & Maintenance" section in main Owner's Manual.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

SPECIFICATIONS

Mass (Weight) (Kg)		
Curb mass (weight)		1270 Kg
Gross vehicle mass (weight)		1820 Kg
Permissible maximum Axle Weight	Front	810 Kg
	Rear	1040 Kg
Seating Capacity		7 persons
ITEM: Electrical		
Lead-acid battery		12V 34B19L
Fuel Capacity (litre)		
Petrol		45 L
CNG (Water Filling Capacity)		60 L

NOTE:

Specifications are subject to change without notice.

NOTE:

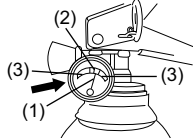
- 1) *It is recommended to run the vehicle on petrol mode for 5~10 km after every 300~500 km run in CNG mode to keep fuel system in good condition.*
- 2) *Always keep minimum 5 litre of petrol in your petrol tank.*

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

FIRE EXTINGUISHER

Do's and Don'ts

EXAMPLE



53MHMC021

Do's

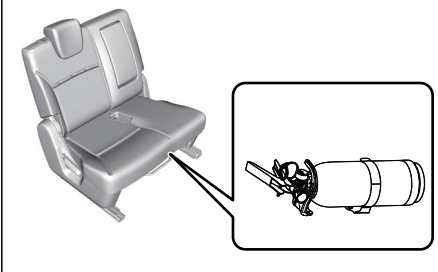
- Check pressure gauge periodically. Max charging pressure is 15Kgf/cm² (in green zone (2)).
- When pressure drops, indicator needle(1) will shift to the red zone (3).Immediately contact the fire extinguisher manufacturer as per the information provided on the fire extinguisher.
- Get the fire extinguisher serviced only through the manufacturer service centre.Refer the information provided on the fire extinguisher to locate the nearest service centre.
- Ensure that the Fire extinguisher is always kept at its prescribed position in the vehicle.
- Refill the fire extinguisher immediately after use.

Don't

- Do not use water for cleaning fire extinguisher. (Use clean cloth for removing dust)
- Do not rely on used or discharged fire extinguisher.

Location

EXAMPLE

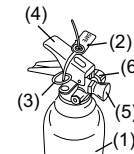


72RMC019

Fire extinguisher is located below 2nd row seat.

Parts Description

EXAMPLE

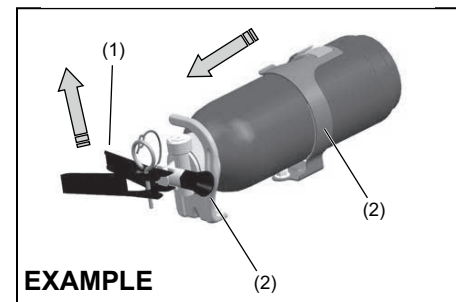


53MHMC024

- (1) Fire extinguisher cylinder
- (2) Seal
- (3) Safety Pin
- (4) Lever
- (5) Nozzle
- (6) Pressure gauge

Removal Procedure

Removing from front of 2nd row seat:



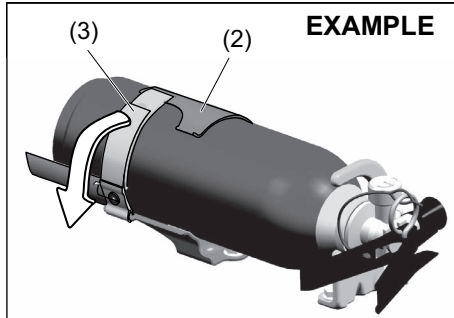
69RM0008

Lift Lever (1) of fire extinguisher slightly upwards and pull the fire extinguisher in

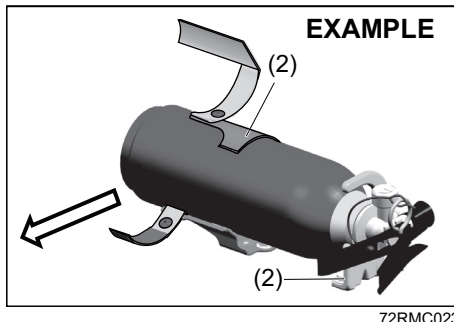
FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

the direction as shown in the figure, in order to disengage it from clamps (2).

Removing from back side of 2nd row seat:

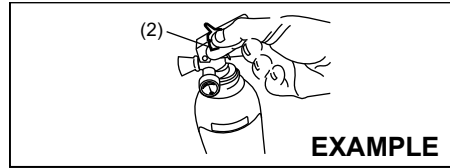


1) Pull strap (3) in arrow direction as shown in figure to untie the clamp (2).

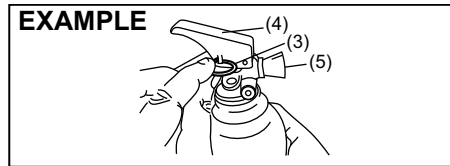


2) Remove the fire extinguisher from clamps (2) in the direction as shown in the figure.

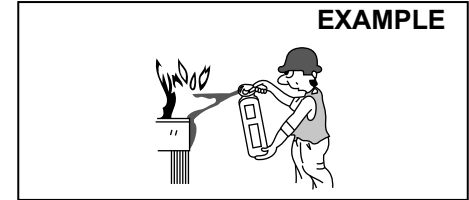
Procedure of Operation



1. Hold the fire extinguisher (1) upright.
2. Break seal (2) by rotating the safety pin(3).



3. Pull Safety pin (3)
4. Squeeze lever (4) and direct the jet from nozzle (5) towards the near edge of the fire with a rapid (fast) sweeping motion.



5. Drive the fire towards the far edge until flames are extinguished.

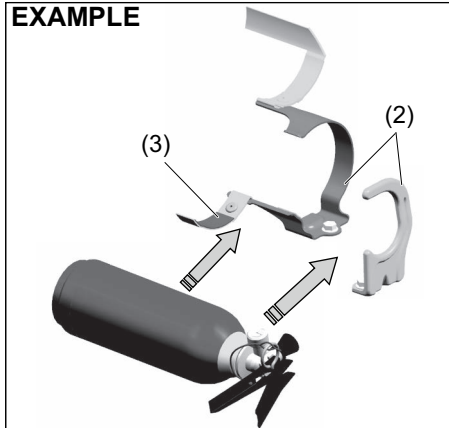
NOTE:

Fire extinguisher is only meant for small fire caused in vehicle by external source only.

FOR VEHICLES FITTED WITH CNG FUEL SYSTEM

Fitment Procedure

EXAMPLE



- 1) If the fire extinguisher is removed without untying rear clamp (2), pull strap (3) to untie rear clamp as mentioned in Step 1) of removing the fire extinguisher from the back side of the 2nd row seat.
- 2) Insert the fire extinguisher carefully into both clamps in the direction as shown in the figure.
- 3) Tie the strap (3) and ensure that fire extinguisher is fixed securely.

WARNING

Ensure that fire extinguisher is securely fixed into both the clamps. Otherwise, it may come from the clamps inadvertently that may cause injury.

NOTE:

Ensure that the nozzle of fire extinguisher is properly seated on the clamp.

Refilling Schedules

1. Refilling is necessary after every use.
2. Fire extinguisher needs refilling after every 3 years even if it is not used.
3. Get the fire extinguisher inspected every 6 months through the authorised service center of fire extinguisher manufacturer

Prepared by
MARUTI SUZUKI INDIA LIMITED

Service Division
July, 2025

Part No. 99016M75UE0-74W
Printed in India

**For round-the-clock on-road assistance,
call Maruti On-road Service at 1800 102 1800* / 1800 1800 180***

No STD code to be prefixed.

 **MARUTI SUZUKI**
GENUINE ACCESSORIES

 **MARUTI SUZUKI**
GENUINE PARTS

 **MARUTI SUZUKI**
COST PROTECT

 **MARUTI SUZUKI**
HELPLINE

 **MARUTI SUZUKI**
ROAD SERVICE

SERVICE DIVISION

MARUTI SUZUKI INDIA LIMITED

Palam-Gurgaon Road, Gurgaon – 122 015 (Haryana), India

Visit us at: www.marutisuzuki.com