

GOVERNMENT OF TAMIL NADU TRANSPORT DEPARTMENT
O/o The Transport Commissioner,
Chepauk, Chennai -5

R.NO. 2373/C2/2019
CIRCULAR NO: 19 /2019

Dated: 24.05.2019

Sub : Motor Vehicles – Use of LPG as fuel in Motor Vehicles – Alternate use of LPG as fuel in Motor Vehicles – alteration to Retrofitment **Tomasetto LPG Kits in Four wheelers** - Approval – Regarding.

Ref: Letter No. TAIPL/2018/07/14, Received from Tomasetto Achille India Private Limited, A8, Gala No.10&11, Prerana Complex, Anjur Phata Dapoda Road, Val Village, Bhiwandi Dist, Thane – 421302, Maharashtra, Dt.14.07.2018.

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Consequent to the Amendment of Sec: 52 of the Motor Vehicles Act, 1988, the Government of India have amended the Rule 115 and 116 of the Central motor vehicles Rules 1989 prescribing to the emission norms and safety checks for the use of LPG as fuel in motor vehicles.

To make necessary endorsements in Certificate of Registration of Vehicles duly permitting LPG as auto fuel, it should be ensured that the Retro-Fitments Kits are from the authorized manufacturers having the requisite type approval certificate from one of the testing agencies appointed by the Government of India under Rule 126 of the central motor Vehicles Rules 1989. For this purpose, the vehicle should be fitted with Auto LPG Cylinder permanently in the vehicle as approved by the Chief Controller of Explosives (CCOE) under the gas Cylinder Rules, 1981.

The International centre for Automotive Technology Gurgaon, Haryana has approved Tomasetto Achille TAIPL LPG Kits by Tomasetto Achille India Private Limited, A8, Gala no 10 & 11 Prerana complex, Anjur Phata Dapoda Road, Val Village, Bhiwandi, Thane -421302 Maharashtra.

Certificate No's.

- i) C A N L 0320 from International Centre for Automotive Technology, Gurugram – 122050, Haryana Dt.21/12/2018
- ii) C A N L 0320 L01 from International Centre for Automotive Technology, Gurugram – 122050, Haryana Dt.11/01/2019

2. Electrical Circuit Diagram

3. Brief description of system

4. Technical Specification

The In-Use Base Models, Wagon R LXI M BS4 998cc, Maruti Alto 800 796cc, Maruti Omni (5 Seater) 796cc, Maruti Omni (8 Seater) 796cc, Maruti Omni Cargo 796cc, Hyundai Eon 814cc, Hyundai Santro 1086cc, Datsun Redi Go 799cc, Renault Kwid 799cc meets Bharat Stage-IV norms.

5. The Certificate No.

i. C A N L 0320 from International Centre for Automotive Technology, Gurugram, Haryana Dt. 21/12/2018 is valid for the 3 years from the date of its issue or until further amendment in Central Motor vehicle Rules or till the validity of Bharat Stage-IV norms whichever is earlier.

ii. C A N L 0320 L01 from International Centre for Automotive Technology, Gurugram, Haryana Dt. 11/01/2019 is valid for the 3 years from the date of its issue or until further amendment in Central Motor vehicle Rules or till the validity of Bharat Stage-IV norms whichever is earlier.

6. All the Registering Authorities in the State are hereby informed to ensure that, The following conditions are fulfilled before permitting any alteration in Registration.

- i) The Registering Authorities shall at the time of registration, verify approval of the chief of Explosives (CCOE), for the Auto LPG Tank and Multifunction. Value in respect of the following each individual case.
- ii) Specify make and identification as referred in Annexure- I of the Certificate
- iii) Documental reference for quantity /Serial No cleared by the Chief Controller of Explosives (CCOE), time to time, in respect of Auto LPG Tank.
- iv) Regarding multifunction value, the Chief Controller of Explosives (CCOE) Approval to be specifically verified before installation/registration by Regional transport officer
- v) All the components of the LPG Kit shall be as per the technical specification annexure -1 of International Centre for Automotive Technology certificate. The LPG air mixer Is of the type & design.
- vi. Any change in the kit specifications or layout as approved under this Certification shall be informed to from International Centre for Automotive Technology, Gurugram, Haryana for approval with or without re-test.

vii. For in-use retro-fitment, the responsibility of fitness and proper Functioning of the LPG system on the vehicle including endorsement as Operation on LPG by the concerned Registering Authorities. Under this certificate lies M/s Tomasetto India Private Limited, A8, Gala no 10 & 11 Prerana complex, Anjur Phata Dapoda Road, Val Village, Bhiwandi, Thane - 421302 Maharashtra. as per Annexure -V of AIS 025 01. They will also be required to instruct the customers about their responsibilities as mentioned in para 15 of Annexure-V of AIS 025 01 and also about rechecking of the Auto LPG Cylinder, as prescribed by the Chief Controller of Explosives (CCOE) Nagpur.

7. Workshops authorized by the Tomasetto India Private Limited, A8, Gala no 10 & 11 Prerana complex, Anjur Phata Dapoda Road, Val Village, Bhiwandi, Thane -421302 Maharashtra shall Fulfil the requirements and the responsibilities in regard to fitment of LPG kits As per guidelines given under criteria to authorize the kit installer in-V AIS 025 01

8. It is the duty of kit installer to ensure at the time of installation of the Kit that each "Auto LPG Cylinder" supplied by them to customer, is the one for which valid clearance of the chief Controller of Explosives (CCOE) is available

9. Auto LPG cylinder and cylinder value approved by the Chief Controller of Explosives (CCOE), Nagpur Shall have following Requirements regarding mounting conditions of Auto LPG Cylinder

a) Auto LPG Tank shall be permanently attached to the vehicle and shall Have fittings as per IS:14899(as amended from time to time)

b) Auto LPG Tank shall correctly oriented mounting as per manufactures Specifications viz. the longitudinal axis of the Auto LPG Tank is perpendicular to the vehicle longitudinal axis. The axis of the multi Function valve mounted on the empty tank when viewed from the side Makes an angle of multiple degree with the horizontal plane and the Level indicator arrow is positioned to zero, to ensure that a tank is not Filled beyond 80% of its water capacity.

i) The Auto LPG containers for Auto LPG when permanently fitted to the vehicle subject to following conditions. The containers are fitted with multi function valve assemble approved by chief controller of Explosives.

ii) The containers are subject to periodic examination/testing once in a period of 5 years as provided under Gas cylinders Rules 2004

iii) The containers are subject to hydrostatic test at a pressure of 30 bars as required under rule 35 of the gas cylinders Rules 2004.

iv) The containers shall be condemned after the expiry of the service life of 15 years of the containers, as provided under Rule 36 of gas cylinders Rules, 2004.

v) Relevant provisions of gas cylinders rules, 2004 SMPU (U) Rules 1981 and central motor vehicle (3rd Amendment) Rules 2001 and (5th amendment) Rules, 2002 are strictly complied with.

This approval is valid for 3 Years from 24/05/2019 to 23/05/2022

**Sd/- C.Samayamoorthy
Transport Commissioner**

To

1. All the Deputy Transport Commissioner/joint Transport Commissioner, Coimbatore, Madurai, Chennai, (North) & (south) with a request to communicate this to the respective RTOs/MVIs and send acknowledgement to this office.
2. Tomasetto Achille India Private Limited, A8, Gala no 10 & 11 Prerana complex, Anjur Phata Dapoda Road, Val Village, Bhiwandi, Thane - 421302, Maharashtra.

Copy to

1. Assistant Director of Statistics , STA, Chennai-05
2. P.A to STA , 'S' section
- with a request to make necessary upload in Transport Department website.
3. Circular Register
4. Stock File

// By Order//

Assistant Secretary -I

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22/5/19

24/5/19