

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

R.NO. 29192/C2/2018

Dated:11.10.2018

CIRCULAR NO: 32/2018

**Sub: Motor Vehicles -Use of LPG as fuel in Motor Vehicles- Alternate Use of LPG as fuel in Motor Vehicles- alteration to fit Tomasetto LPG Auto in Four Wheelers- Approval- Regarding**

**Ref: Letter No.TAIPL/2018/07/14 Received from Tomasetto India Private Limited, A8, Gala no 10 & 11 Prerana complex,Anjur Phata Dapoda Road, Val Village, Bhiwandi, Thane -421302 Maharastra. Dated.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 Maharastra.

Certificate No's.

- i) C A N L 0065 from International Centre for Automotive Technology, Gurugram, Haryana Dt.15/03/2018
- ii) C A N L 0065 L01 from International Centre for Automotive Technology, Gurugram, Haryana Dt.04/05/2018

2. Electrical Circuit Diagram
3. Brief description of system

#### 4. Technical Specification

The In-Use Base Models, Chevrolet Beat 1199cc, Chevrolet Enjoy 1399cc, Chevrolet Sail, 1199cc, Chevrolet Sail (Hatchback) 1199cc, Chevrolet Sail (Sedan) 1199cc, Chevrolet Spark 995 cc, Datsun GO 1198cc, Datsun GO Plus 1198cc, Datsun Redigo 999cc, Fiat Avventure 1368cc, Fiat Linea 1368cc, Fiat Punta EVO 1.2 1172cc, Fiat Punto EVO 1.4 1368cc, Ford Ecosport 999cc, Ford Figo 1196cc, Ford Figo Aspire, 1196cc, Honda Amaze, 1198cc, Honda Brio 1198cc, Honda Jazz, 1198cc, Honda WR-V 1199cc, Hyundai Eon Kappa Magna 998cc, Hyundai 110 Grand, 1197cc, Hyundai i10 1.1 1086cc, Hyundai i10 1.2 1197cc, Hyundai i20 Active 1197cc, Hyundai i20 Elite 1197cc, Hyundai Santro Xing 1086cc, Hyundai Verna Fluidic 1.4 1396cc, Hyundai Xcent, 1197cc, Hyundai Xcent Prime 1197cc, Mahindra Verito 1390cc, Maruti Alto K10 998cc, Maruti Astar 998cc, Maruti Baleno 1197cc, Maruti Celerio, 998cc, Maruti Ciaz 1373cc, Maruti Dzire 1197cc, Maruti Dzire Tour 1197cc, Maruti Eeco (5seater) 1196cc, Maruti Eeco (7seater) 1196cc, Maruti Eeco Cargo, 1196cc, Maruti Ertiga 1373cc, Maruti Ignis 1197cc, Maruti Ritz 1197cc, Maruti Swift Dzire 1197cc, Maruti Swift Dzire Tour 1197cc, Maruti Swift 1197cc, Maruti Wagon R 998, Maruti Zen Estilo 998cc, Nissan Micra Active 1198cc, Nissan Micra 1198cc, Renault Kwid 999cc, Renault Pulse 1198cc, Skoda Fabia 1198cc, Skoda Octavia 1395cc, Skoda Rapid 1.2 1198cc, Tata Bold 1193cc, Tata Indica Vista 1172, Tata Indica Xeta 1193, Tata Indigo eCS 1193cc, Tata Manza 1368, Tata Nexon 1196cc, Tata Tiago 1199cc, Tata Tigor 1199cc, Tata Zest 1193cc, Tata Zica 1199cc, Toyota Etios 1496cc, Toyota Etios Cross G 1197cc, Toyota Etios Cross V 1496cc, Toyota Etios Live 1197cc, Toyota Platinum Etios 1496cc, Volkswagen Ameo 1198cc, Volkswagen Jetta 1390cc, Volkswagen Polo, 1198cc, Volkswagen Vento, 1197cc meets Bharat Stage-IV norms.

#### 5. The Certificate No.

- i) C A N L 0065 from International Centre for Automotive Technology, Gurugram, Haryana Dt.15/03/2018 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 0065 L01 from International Centre for Automotive Technology, Gurugram, Haryana Dt.04/05/2018 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.

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 I each individual case.
- ii) Specify make and identification as referred in Annexure- III 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, Gurgram, Haryana for approval with or without re-test.
- vi) 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) Napier.
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 indictor 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 value 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.


Sd/- Pon Senthilnathan  
Deputy Transport Commissioner-II

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 sent 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 Maharastra.

//By Order//

  
Personal Assistant to STA

  
11.11.18