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2166/CO/TPT

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
TRANSPORT DEPARTMENT: OPERATION BRANCH  
5/9, UNDER HILL ROAD: DELHI - 110054

No. F.20(33)/TPT/OPS/Vol.III/ CD No. 075339177/ 6522-26

Dated: 01/03/2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "MAGPL OBD II" manufactured by M/s. Mijo Auto Gas Pvt. Ltd., S-110, Badli Industrial Area Phase-I Gate No. 4 Delhi - 110042, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (898.5 to 1497.5 cc) fitted with OE catalytic converter as part of CNG Kit, manufactured / registered from 01<sup>st</sup> April 2013 till the validity of BS-IV norms (OBD II). The CNG Kit is dully approved by the designated agency i.e ICAT, Manesar, Gurgaon for compliance to the Central Motor Vehicles Rules. The details of CNG Kit are given hereunder:

With reference to Base Type Approval Certificate No. CAKA 0195 dated 28 <sup>th</sup> December, 2015 issued by designated testing agency ICAT, Manesar, Gurgaon and on the basis of layout plans submitted by the manufacturer/ kit supplier/ retrofitter, the ICAT has certified that retro-fitment of above CNG kit on the following MPFI 'in-use' base model fitted with catalytic converter falling within the stipulated engine cm3 range (898.5 to 1497.5 cm <sup>3</sup> ) as per layout plan comply with provisions of Central Motor Vehicles Rules 1989, under rule 115B :			Approved by the Testing Agency vide certificate No.
			Certificate No. CAKA 0195 L01 dated 29/12/ 2015 Emission Test Report No. : CT0PK 0519 Dt. 21.12.2015 (Sahuwala High Pressure Cylinder - Honda Cat Con - NGK Spark Plug) Case No. : 2015-727 (IOCS No. : 42434)
S.No.	Model	Engine cm3	Vintage of Vehicles
1	CHEVROLET BEAT	1199	1 <sup>st</sup> April 2013 till the validity of Bharat Stage IV norms
2	CHEVROLET ENJOY	1399	
3	CHEVROLET SAIL HATCHBACK	1199	
4	CHEVROLET SAIL SEDAN	1199	
5	CHEVROLET SPARK	995	
6	DATSUN GO	1198	
7	DATSUN GO PLUS	1198	
8	FIAT PUNTO EVO 1.2	1172	
9	FIAT PUNTO EVO 1.4	1368	
10	FIAT LINEA	1368	
11	FIAT AVANTURA	1368	
12	FORD FIGO ASPIRE	1196	
13	FORD ECOSPORT	999	
14	FORD FIGO	1196	
15	HONDA CITY	1497	
16	HONDA AMAZE	1198	

17	HONDA MOBILIO	1497	
18	HONDA JAZZ	1199	
19	HYUNDAI ELITE i20	1197	
20	HYUNDAI EON	998	
21	HYUNDAI i10	1086	
22	HYUNDAI i10 GRAND	1197	
23	HYUNDAI VERNA FLUIDIC 1.4	1396	

24	HYUNDAI XCENT	1197	
25	HYUNDAI i20 ACTIVE	1197	
26	HYUNDAI SANTRO XING	1086	
27	MAHINDRA VERITO	1390	
28	MARUTI ALTO K10	998	
29	MARUTI A STAR	998	
30	MARUTI BALENO	1197	
31	MARUTI CELERIO	998	
32	MARUTI CIAZ	1373	
33	MARUTI SWIFT DZIRE	1197	
34	MARUTI EECO (5 SEATER)	1196	
35	MARUTI EECO (7 SEATER)	1196	
36	MARUTI EECO CARGO	1196	
37	MARUTI ERTIGA	1373	
38	MARUTI RITZ	1197	
39	MARUTI SWIFT	1197	
40	MARUTI WAGON R	998	
41	MARUTI WAGON R STINGRAY	998	
42	MARUTI ZEN ESTILO	998	1 <sup>st</sup> April 2013 till the validity of Bharat Stage IV norms
43	NISSAN MICRA	1198	
44	RENAULT PULSE	1198	
45	SKODA OCTAVIA	1395	
46	SKODA FABIA	1198	
47	TATA MANZA	1368	
48	TATA INDIGO ECS	1193	
49	TATA ZEST	1193	
50	TATA BOLT	1193	
51	TATA ZICA	1199	
52	TOYOTA ETIOS	1496	
53	TOYOTA ETIOS LIVA	1197	
54	TOYOTA ETIOS CROSS G	1197	
55	TOYOTA ETIOS CROSS V	1496	

56	VOLKSWAGEN POLO	1198	
57	VOLKSWAGEN CROSS POLO	1198	
58	VOLKSWAGEN VENTO	1197	

This Certificate is **valid for 3 years** from the date of issue of base type approval certificate **No. CAKA 0195 dated 28/12/2015** or until further amendment in CMVR Rules, whichever is earlier.

1. Details of CNG Cylinder								
CNG Cylinder	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Manufacturer	M/s. Sahuwala High Pressure Cylinder P. Ltd.,	M/s. Nitin Cylinders Ltd.,	M/s. Everest Kanto Cylinder Ltd.,	M/s. Confidence Petroleum India Ltd.,	M/s. Jay Fe Cylinder Ltd.	M/s. Maruti Coatsu Cylinders Pvt. Ltd.	M/s. Rama Cylinders Ltd.,	M/s. Lizer Cylinders Ltd.
Capacity, Ltr.	55,60 & 65 (Dia:325 mm)		60 & 65 (Dia:316 mm)	55,60 & 65 (Dia:317 mm)		55,60 & 65 (Dia:356 mm)	60,65 & 70 (Dia:317 mm)	55,60 & 65 (Dia:316 mm)
2. Details of Cylinder Valves								
Cylinder Valve	Option 1				Fitted			
Name of the manufacturer	M/s Emer s.r.l, Italy				M/s. Batra Valve			
Model Name / Identification	Vale 119 / CNG-EM04-Z with fusible plug, burst disc & built in vent				Batra Valve with fusible plug, burst disc & built in vent			
3. Details of Refilling Valves								
Name of the manufacturer	M/s. Mijo Auto Gas Pvt. Ltd.							
Model Name / I.D/Type	MRV / NZS							
4. Details of Pressure Regulator								
Name of the manufacturer	Mijo Auto Gas Pvt. Ltd.							
Model Name / Identification/Type	SR09 (Trade Marks – Mijo, Msequent, Gold AFS) Sequential							
5. Details of Catalytic converter								
Manufacturer/Model / ID	OEM fitted							
6. Details of Gas Injector Rail								
Name of the manufacturer	M/s. Mijo Auto Gas Pvt. Ltd.							
Model Name / ID / Type	MIR01 / Gas Injector type							
7. Details of Pressure Indicator								
Name of the manufacturer	MAGPL							
Identification / Type	CNG-Bottom Mounting / Manometer Type							
8. Details of Service shut off valve								
Name of the manufacturer/ Identification / Type	INBUILT IN REFILLING VALVE							

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Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989, as amended from time to time. The retro-fitment shall be carried out by the authorized workshops only. Further, approval is accorded subject to ensuring fitment of same components; parts/assemblies etc. details of which are given in the detailed specification duly endorsed by the ICAT.

**The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No CAKA 0195 dated 28/12/2015 and also invariably encloses certified copy of specifications along with CNG installation certificate (Annexure VI) and checklist (Annexure-VII) of AIS: 024 and specific layout plan of model approved by ICAT.**

All MLOs/CMVI shall, at the time of endorsement of CNG fuel in registration certificate, verify the CCoE approval for the CNG cylinder and cylinder Valve, in respect of make / identification number (as referred in Technical Specification of CNG system endorsed by ICAT) and documental reference for quantity / Sr. No. cleared by DoE, from time to time. Further, it should also be ensured that the fitment of kit must be in accordance with the layout plan for fitment, terms & condition and validity given in the type approval certificate subject to fulfillment of provisions of Motor Vehicle Act, 1988 and Rules made there under and department instruction / order issued from time to time in this regard.

(PRAWIN DESAI)  
MLO (OPS)

No. F.20(33)/TPT/OPS/Vol.III/ CD No. 075339177/ 6522 - 26

Dated: 01/03/2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s Mijo Auto Gas Pvt. Ltd., S-110, Badli Industrial Area Phase-I Gate No. 4, Delhi - 110042.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(PRAWIN DESAI)  
MLO (OPS)