

NSAI

Certification

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning approval granted
of a type of CNG component pursuant to
Regulation No. 110.



Approval No: E24 110R-000038

Extension No: *N/A*


1. CNG component considered:
Container(s) or cylinder(s)
Pressure indicator
Pressure relief valve
Automatic valve
Excess flow valve
Gas tight housing
Pressure regulator(s)
Non-return valve(s)
Pressure relief device
Manual valve
Flexible fuel lines
Filling unit or receptacle
Gas injector(s)
Gas flow adjuster
Gas/air mixer
Electronic control unit:
Pressure and temperature sensor
CNG filter(s)
2. Trade name or mark:
3. Manufacturer's name and address:

Type: D-GID ECU

***DIMTECH, ECOMOTIVE SOLUTIONS
ICOM, EMER***

***DIMTECH S.r.L
Via Torino 16, Gabiano (AL)
Italy***

4. If applicable, name and address of manufacturer's representative: *N/A.*
5. Submitted for approval on: *03.08.2011*
6. Technical service responsible for conducting approval tests: *DEKRA Automotive Services S.r.l*
7. Date of report issued by that service: *05.08.2011*
8. No. of report issued by that service: *D-GID_ECU-R110-00*
9. Approval granted/ ~~refused~~/ ~~extended~~/ ~~withdrawn~~: *Granted.*
10. Reason(s) of extension (if Applicable): *N/A.*
11. Place: *Dublin.*
12. Date: *13th September 2011*

13. Signature: 



14. The documents filed with the application or extension of approval can be obtained upon request:
- Documentation: *20 pages.*

Annex 2B – Addendum**1. Additional information concerning the type approval of a type of CNG components pursuant to Regulation No. 110****1.1 Container(s) or cylinder(s)****1.1.1 Dimensions:***N/A***1.1.2 Material:***N/A***1.2 Pressure indicator****1.2.1 Working pressure(s):***N/A***1.2.2 Material:***N/A***1.3 Pressure relief valve (discharge valve)****1.3.1 Working pressure(s):***N/A***1.3.2 Material:***N/A***1.4 Automatic valve(s)****1.4.1 Working pressure(s):***N/A***1.4.2 Material:***N/A***1.5 Excess flow valve****1.5.1 Working pressure(s):***N/A***1.5.2 Material:***N/A***1.6 Gas tight housing****1.6.1 Working pressure(s):***N/A***1.6.2 Material:***N/A***1.7 Pressure regulator(s)****1.7.1 Working pressure(s):***N/A***1.7.2 Material:***N/A***1.8 Non-return valve(s) or non-return valve(s)****1.8.1 Working pressure(s):***N/A***1.8.2 Material:***N/A***1.9 Pressure relief device (temperature triggered)****1.9.1 Working pressure(s):***N/A***1.9.2 Material:***N/A*

Annex 2B – Addendum

1.10	Manual valve	
1.10.1	Working pressure(s):	<i>N/A</i>
1.10.2	Material:	<i>N/A</i>
1.11	Flexible fuel lines	
1.11.1	Working pressure(s):	<i>N/A</i>
1.11.2	Material:	<i>N/A</i>
1.12	Filling unit or receptacle	
1.12.1	Working pressure(s):	<i>N/A</i>
1.12.2	Material:	<i>N/A</i>
1.13	Gas injector(s):	
1.13.1	Working pressure(s):	<i>N/A</i>
1.13.2	Material:	<i>N/A</i>
1.14	Gas flow adjuster	
1.14.1	Working pressure(s):	
1.14.2	Material:	
1.15	Gas/air mixer	
1.15.1	Working pressure(s):	<i>N/A</i>
1.15.2	Material:	<i>N/A</i>
1.16.	Electronic control unit (CNG-fuelling)	
1.16.1	Basic software principles:	<i>See technical report D-GID_ECU-R110-00 and accompanying information document for details.</i>
1.17	Pressure and temperature sensor(s):	
1.17.1	Working pressure(s):	<i>N/A</i>
1.17.2	Material:	<i>N/A</i>
1.18	CNG filter(s)	
1.18.1	Working pressure(s):	<i>N/A</i>
1.18.2	Material:	<i>N/A</i>