OCT. 7 1993

TO: ALL INTERESTED PARTIES

SUBJECT: APPROVED ALTERNATIVE FUEL CONVERSION SYSTEMS


Should you have any questions regarding this list, please contact the Public Information Office at (800) 242-4450.

[Signature]

Norman Kayne, Chief
Certification Branch

Attachment
LIST OF MANUFACTURERS OF ALTERNATIVE FUEL CONVERSION KITS

LIQUIFIED PETROLEUM GAS CONVERSIONS

Advanced LP Systems, Inc.
5327-U Jacuzzi St.
Richmond, CA 94804

Algas Carburetion
16101 Vallen Drive
Houston, TX 77041

Algas Industries, Inc.
Box 20794
2657 Andjon Drive
Dallas, TX 75220

Automotive Natural Gas, Inc. (ANGI)
265 North Janesville St.
P.O. Box 39
Milton, WI 53563

Beam Products, Manufacturing Company
3040 Rosslyn St.
Los Angeles, CA 90065

Carburetion Labs
515 N.E. 190 Street
Miami, FL 33179

Eagle Propane
1871 Lake Place
Ontario, CA 91761

Greenway Environmental Research
40208 Industrial Park Circle
Georgetown, TX 78626

Holley Replacement Parts Division
Colt Industries Operating Corp.
11955 East Nine Mile Road
Warren, MI 48090

Impco Carburetion, Inc.
16916 Gridley Pl.
Cerritos, CA 90701

Landi-Hartong, U.S., Inc.
3208 South Hutchinson Ave.
Los Angeles, CA 90034

LPF Carburetion, Inc.
P.O. Box 522
Hutchinson, KA 67501

Marvel Scheber/Tillotson
Division of Borg Warner Corp.
2195 South Elwin Rd.
Decatur, IL 62625

OHG, Inc.
10065A Greenleaf Ave.
Santa Fe Springs, CA 90670

Toyo Red Cab LPG Conversion
16609 South Haldale Ave.
Gardena, CA 90247

Vialle U.S.A., Inc.
(Formerly Vialle Autogas Systems)
9101 Ely Rd.
Pensacola, FL 32514
## LIST OF MANUFACTURERS OF ALTERNATIVE FUEL CONVERSION KITS

### COMPRESSED NATURAL GAS CONVERSIONS

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Address 1</th>
<th>Address 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algas Carburetion</td>
<td>16101 Vallen Drive, Houston, TX 77041</td>
<td>Essex Cryogenics</td>
</tr>
<tr>
<td>Automotive Natural Gas, Inc. (ANGI)</td>
<td>265 North Janesville St., P.O. Box 39, Milton, WI 53563</td>
<td>Impco Carburetion, Inc.</td>
</tr>
<tr>
<td>Beam Products Manufacturing Company</td>
<td>3040 Rosslyn Street, Los Angeles, CA 90065</td>
<td>Mesa Environmental</td>
</tr>
<tr>
<td>Beacon Power Systems</td>
<td>447 E. Elmwood, Troy, MI 48083</td>
<td>NGV Development</td>
</tr>
<tr>
<td>Carburetion Labs</td>
<td>515 N.E. 190 Street, Miami, FL 33179</td>
<td>PAS, Inc.</td>
</tr>
<tr>
<td>Century Products</td>
<td>(Formerly Vialle Autogas Systemen)</td>
<td>Stewart &amp; Stevenson</td>
</tr>
<tr>
<td>Dual Fuel Systems, Inc.</td>
<td>Subsidiary of Pacific Lighting Corp.</td>
<td>Vialle U.S.A., Inc.</td>
</tr>
<tr>
<td></td>
<td>1120 Maple, Montebello, CA 90640</td>
<td></td>
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## ALTERNATIVE FUEL CONVERSION SYSTEMS

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL YEAR</th>
<th>MIXER#</th>
<th>REGULATORU</th>
<th>ENGINE SIZE (CID)</th>
<th>FUEL TYPE</th>
<th>APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced LP Systems E.O. 1979 &amp; B-7</td>
<td>1979 &amp;  Older</td>
<td>63</td>
<td></td>
<td></td>
<td>LPG DF</td>
<td>Datsun and Toyota PC and LDT equipped with a 4 cyl. carbureted engine</td>
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<tr>
<td>Algas Industries (LPG) E.O. 1981 &amp; B-3-1A</td>
<td>1981 &amp;  Older</td>
<td>M500</td>
<td>250</td>
<td></td>
<td>LPG DF</td>
<td>All MDV and HDV. OK for LDT with VV systems.</td>
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<tr>
<td>E.O. 8 B-3</td>
<td>1974</td>
<td>PCA 500C</td>
<td>C250A-4</td>
<td>&lt; 140 LPG</td>
<td>PC, LDT, MDV, HDV.</td>
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<tr>
<td></td>
<td>&amp; Older</td>
<td>PCA 500C</td>
<td>C250A-3</td>
<td>200-300 LPG</td>
<td>PC, LDT, MDV, HDV.</td>
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<tr>
<td></td>
<td></td>
<td>PCA 500C</td>
<td>C250A-3</td>
<td>251-300 LPG</td>
<td>LPG DF</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Algas Carburetion Also Known as Precision General, Inc. E.O. 1984-1</td>
<td>1993 &amp;  Older</td>
<td>ECOTRIM LPG System</td>
<td>C250ALRS-200</td>
<td>250.460 LPG, LPG DF</td>
<td>LDT, MDV, HDV</td>
<td>VSS-1 vacuum safety switch, EPC-1 controller, AIV-1 control valve, MSH-2 mode selector relay (dual fuel only), Mixer M500LP, FI Chrysler use Autronic P/N 8788-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.O. # 014-7</td>
<td>1993 &amp;  Older</td>
<td>CHG or LPG Fuillination System</td>
<td></td>
<td>CNG from LPG, HD Diesel</td>
<td>As shown in E.O., Catalytic converter required.</td>
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<tr>
<td>MANUFACTURER</td>
<td>MODEL YEAR</td>
<td>MIXER#</td>
<td>REGULATOR#</td>
<td>ENGINE SIZE (CID)</td>
<td>FUEL TYPE</td>
<td>APPLICATIONS</td>
<td>OTHER COMPONENTS</td>
<td>REMARKS/ MODIFICATIONS ALLOWED</td>
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<tr>
<td>'Algas Carburetion Also known as Precision General, Inc. E.O. # B-146</td>
<td>1993 &amp; Older</td>
<td>ECOTRIM M500CPCL</td>
<td>C250AC-225</td>
<td>250-460</td>
<td>CNG, CNG LDT, MDV, HDV</td>
<td>DF</td>
<td>EPC-1 controller, AIV-1 control valve, MSR-2 mode selector relay (dual fuel only), FI Chrysler use Autotronic P/N 8789-8</td>
<td></td>
</tr>
<tr>
<td>E.O. # B-145</td>
<td>1993 &amp; Older</td>
<td>ECOTRIM M500CPCL</td>
<td>C250ALRS-240</td>
<td>250-460</td>
<td>LPG, LPG LDT, MDV, HDV</td>
<td>DF</td>
<td>EPC-1 controller, AIV-1 control valve, MSR-2 mode selector relay (dual fuel only), FI Chrysler use Autotronic P/N 8789-1</td>
<td></td>
</tr>
<tr>
<td>E.O. # B-144</td>
<td>1987 &amp; Older</td>
<td>M500CP</td>
<td>C250AC-225</td>
<td>250-460</td>
<td>CNG, CNG LDT, MDV, HDV with open loop catalyst or non-catalyst equipped.</td>
<td>VSS-1 vacuum safety switch.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.O. # B-14-3</td>
<td>1987 &amp; Older</td>
<td>M500CP</td>
<td>C250AC-225</td>
<td>250-460</td>
<td>LPG, LPG LDT, MDV, HDV with open loop catalyst or non-catalyst equipped.</td>
<td>VSS-1 vacuum safety switch.</td>
<td></td>
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<tr>
<td>E.O. # B-14</td>
<td>1987 &amp; Older</td>
<td>M500</td>
<td>250</td>
<td>&gt;250</td>
<td>LPG</td>
<td>Non computer controlled, catalyzed MDV, HDV</td>
<td>Remove heated air intake system, remove carbon catalyst emission control system</td>
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<tr>
<td>MANUFACTURER</td>
<td>MODEL YEAR</td>
<td>MIXER#</td>
<td>HEGULATORR</td>
<td>ENGINE SIZE (CID) CONV. TYPE</td>
<td>APPLICATIONS</td>
<td>OTHER COMPONENTS</td>
<td>REMARKS/ MODIFICATIONS ALLOWED</td>
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<tr>
<td>Automotive Natural Gas, Inc. (ANGI) E.O. # B-10-22</td>
<td>1993 &amp; Older</td>
<td>D-5</td>
<td>Electronic Feedback System</td>
<td>ALL CNG, CNG PC, LDT, MDV. DF</td>
<td>HDV. Also approved for vehicles with TWC CL and Fl systems. 1) GM Vehicles use ANGI trouble code micro computer except with mass flow fuel system. 2) Ford and Chrysler vehicles with OBD systems use 02 sensor fix. 3) FI Chrysler vehicles use injector fix.</td>
<td></td>
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<tr>
<td>E.O. # B-10-21</td>
<td>1993 &amp; Older</td>
<td>ANGI-LEVS Electronic Feedback System</td>
<td>ALL CNG, CNG PC, LDT, MDV. DF</td>
<td>HDV With closed loop system. GM Vehicles use trouble code micro computer. FI Chrysler vehicles use injector fix.</td>
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<tr>
<td>Beacon Power Systems B-18-1</td>
<td>1993 &amp; Older</td>
<td>-</td>
<td></td>
<td>153-350 CNG, CNG General Motors DF</td>
<td>LDT, MDV. HDV with TBI</td>
<td></td>
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<tr>
<td>Beam Products Mfg. Co. E.O. # B-1-2</td>
<td>1974 &amp; Older</td>
<td>5C-60N</td>
<td>JOOAV</td>
<td>201-300 CNG DF</td>
<td>PC, LDT, MDV, HDV</td>
<td></td>
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<td></td>
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<tr>
<td>E.O. # B-1-1</td>
<td>1973 &amp; Older</td>
<td>51CN</td>
<td>400AV</td>
<td>&gt;200 CNG DF</td>
<td>PC, LDT, MDV, HDV</td>
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<td></td>
<td></td>
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<tr>
<td>E.O. # B-1-2</td>
<td>1974 &amp; Older</td>
<td>5C-60</td>
<td>450</td>
<td>201-301 LPG DF</td>
<td>PC, LDT, MDV, HDV</td>
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<tr>
<td>E.O. # B-1-1</td>
<td>1973 &amp; Older</td>
<td>51C</td>
<td>450</td>
<td>&gt;200 LPG DF</td>
<td>PC, LDT, MDV, HDV</td>
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## ALTERNATIVE FUEL CONVERSION SYSTEMS

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL SERIAL</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>FUEL TYPE</th>
<th>APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carburetion Labs International, Inc.</td>
<td>B-17-2</td>
<td>KG5000D</td>
<td>PEV-1</td>
<td></td>
<td>LNG Fum</td>
<td>4-Stroke HD Diesel excluding those with self compensating fuel pumps.</td>
<td>Hold Relay, Throttle Position Sensor, 3-Way solenoid valve, needle valve, ECU, catalyst ECAT-6000, first stage pressure regulator, 49 p.s.i. low pressure sensor</td>
<td>Diesel fuel flow restricted up to 20% of normal capacity.</td>
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<tr>
<td>E.O.# B-17-1</td>
<td>1993 &amp; Older</td>
<td>KG5000D</td>
<td>PEV-1</td>
<td></td>
<td>CNG Fum</td>
<td>4-Stroke HD Diesel excluding those with self compensating fuel pumps.</td>
<td>Hold Relay, Throttle Position Sensor, 3 Way solenoid valve, needle valve, ECU, catalyst ECAT-6000, first stage pressure regulator, 49 p.s.i. low pressure sensor</td>
<td>Diesel fuel flow restricted up to 20% of normal capacity.</td>
</tr>
<tr>
<td>Century Products</td>
<td>E.O. B-10-12</td>
<td>3C705 L</td>
<td>M 6</td>
<td>&lt; 300</td>
<td>CNG</td>
<td>1DV, MDV, HDV, vehicles with FI systems</td>
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<tr>
<td></td>
<td>1987 &amp; Older</td>
<td>3C705 DTL</td>
<td>M 6</td>
<td>&gt; 200</td>
<td>CNG</td>
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<td></td>
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<tr>
<td>E.O. # B-10 12</td>
<td>1987 &amp; Older</td>
<td>3C705 L</td>
<td>M 6</td>
<td>&lt; 300</td>
<td>LPG</td>
<td>LD1, MDV, HDV, vehicles with FI systems</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>3C705 DTL</td>
<td>M 6</td>
<td>&gt; 200</td>
<td>LPG</td>
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<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL YEAR</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>FUEL CONV. TYPE</th>
<th>APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Fuel Systems, Inc.</td>
<td>1986 &amp;</td>
<td>1.25</td>
<td>8400</td>
<td>All</td>
<td>CNG DF</td>
<td>PC, LDT, MDV, HDV with carbureted/throttle body fuel injected engines.</td>
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<tr>
<td>Subsidiary of Pacific Lighting</td>
<td>Older</td>
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<td></td>
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<td></td>
<td>LDT and MDV with 140-200 CID port fuel injected engines.</td>
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<tr>
<td>E.O. # B-6-17</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Also, vehicles with TWC-CL and VV systems.</td>
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<td></td>
<td></td>
<td>Also approved for vehicles with TWC-CL and VV systems.</td>
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<tr>
<td>E.O. # B-6-18</td>
<td>1986 &amp;</td>
<td>2.25</td>
<td>8401</td>
<td>&gt;300</td>
<td>CNG DF</td>
<td>All vehicles with TWC-CL and VV systems.</td>
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<tr>
<td></td>
<td>Older</td>
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<td></td>
<td>Also approved for vehicles with TWC-CL and VV systems.</td>
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</tr>
<tr>
<td>Eagle Propane Service</td>
<td>1993 &amp;</td>
<td></td>
<td>OIH G</td>
<td>350</td>
<td>LPG</td>
<td>GM Police Vehicles</td>
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<td>Remove air cleaner assembly and replace with OIH air cleaner.</td>
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<tr>
<td>E.O. # B-15-1</td>
<td>Older</td>
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<td>EPS 20 Fuel Tank Assembly</td>
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<td>EPS 21 Adaptor</td>
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<td>OIH x 450 Carb.</td>
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<td></td>
<td></td>
<td>Feedback Control Air Fuel Mixture control computer</td>
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<td></td>
<td></td>
<td></td>
<td>OIH converter fuel injection &amp; filter unit</td>
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<td></td>
<td></td>
<td></td>
<td>Autolocnicam computer fix (Part # 8650)</td>
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<tr>
<td>Essex Cryogenics, Inc.</td>
<td>1974 &amp;</td>
<td>300AN</td>
<td>615000.1</td>
<td>&gt;300</td>
<td>CNG DF</td>
<td>PC, LDT, MDV, HDV</td>
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<tr>
<td>E.O. 1 B-2</td>
<td>Older</td>
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<td></td>
<td>Mixer adapter manufactured by IMPCO</td>
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</table>
## ALTERNATIVE FUEL CONVERSION SYSTEMS

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL YEAR</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>COIV. TYPE</th>
<th>APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/MODIFICATIONS ALLOWED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenway Environmental Research</td>
<td>1993 &amp; Old</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LPG, HDV with Cummins &quot;B&quot; series or Navistar DTA-360 series diesel engines</td>
<td>As listed in executive order. Catalytic converter required (P/N GER CAT LP)</td>
<td></td>
</tr>
<tr>
<td>Holley Replacement Parts</td>
<td>1982 &amp; Old</td>
<td>4176</td>
<td>8400</td>
<td>301-375</td>
<td>LPG</td>
<td>MDV, HDV. Approved only for vehicles equipped with 4 Barrel Carburetors.</td>
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</tr>
<tr>
<td>Div.-Colt Industries Operating Corp.</td>
<td>1980 &amp; Old</td>
<td>2301</td>
<td>8400</td>
<td>300-375</td>
<td>LPG</td>
<td>MDV, HDV. Approved only for vehicles equipped with 2 Barrel or 4-Barrel Carburetors.</td>
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<td>E.O. # B-12-1</td>
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<tr>
<td>E.O. # B-12-3A</td>
<td>1982 &amp; Old</td>
<td>1976</td>
<td>8401</td>
<td></td>
<td>LPG</td>
<td>Datsun Pick-up trucks.</td>
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<tr>
<td>E.O. # B-12-4</td>
<td>1983 &amp; Old</td>
<td>1977</td>
<td>8400</td>
<td>300</td>
<td>LPG</td>
<td>Open loop Ford 300 CID LDT only.</td>
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</table>
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<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>FUEL APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
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<tbody>
<tr>
<td>Impco Carburetion, Inc.</td>
<td>1993 &amp; Older</td>
<td>CA100</td>
<td>HPR 501 or HPR3000 plus PEV or PJ</td>
<td>0-360</td>
<td>CNG, CNG PC, LDT, MDV, HDV. Also approved for vehicles with TWC-CL, FI, and VV systems.</td>
<td>1) GM vehicles with OBD use Autotronics #8890 with conv. kit. Vehicles using this part must operate in CL configuration and use IMPCO's alternate fuel controller 2) Vehicles with TWC-CL systems must operate in closed loop while utilizing CNG.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E.O. # 8-4-41</td>
<td>CA125</td>
<td></td>
<td>0-360</td>
<td></td>
<td></td>
<td>The Imperial 300 is the same as the IMPCO CA300A. Idle speed control solenoid on 1992 and older carbureted vehicles may be mechanically disconnected from carburetor while remaining electrically connected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CA175</td>
<td></td>
<td>50-360</td>
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<tr>
<td></td>
<td></td>
<td>CA200</td>
<td></td>
<td>&gt; 180</td>
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<td></td>
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<td>CA225</td>
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<td>&gt; 180</td>
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<td></td>
<td></td>
<td>CA300A</td>
<td>HPR 501 or HPR 3000 plus PEV</td>
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Page 7
# ALTERNATIVE FUEL CONVERSION SYSTEMS

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<th>MANUFACTURER</th>
<th>MODEL YEAR</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>CONV. MODIFICATIONS</th>
<th>FUEL APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
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<tbody>
<tr>
<td>Impco Carburetion, Inc.</td>
<td>1993</td>
<td>CA100</td>
<td>E.L.J</td>
<td>0.360</td>
<td></td>
<td>LPG, LPG</td>
<td>PC, LDT, MDV, HDV</td>
<td>1) GM vehicles with OBD use Autotronics #8850 with conv. kit. 2) 1993 and older vehicles with TWC CL, FI, and VV systems. Also approved for vehicles with TWC CL, FI, and VV systems. 3) Ford 2.3L and Nissan 2.4L may incorporate vacuum power valve (0.75&quot; orifice) and cold weather regulator (Ford PIN D726-9E862-AA).</td>
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<tr>
<td>E.O. # B-4-38</td>
<td>Old</td>
<td>CA125</td>
<td>E.L.J</td>
<td>0.360</td>
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<td></td>
<td></td>
<td>1) Modification/bypass to the EGR vacuum amplifier on Ford HDV and on closed loop Chrysler vehicles and Ford HDV systems. EGR valve on 1976 and older vehicles may be replaced with IMPCO EC-1 valve.</td>
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<tr>
<td></td>
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<td>CA175</td>
<td>E.L.J</td>
<td>0.360</td>
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<td></td>
<td></td>
<td>CA200</td>
<td>E.L.J</td>
<td>0.360</td>
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<td>CA225</td>
<td>E.L.J</td>
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<td></td>
<td></td>
<td>CA300A</td>
<td>E.L.J</td>
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<td></td>
<td></td>
<td>CA425</td>
<td>E.L.</td>
<td>0.360</td>
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<tr>
<td></td>
<td>1983</td>
<td>CA225</td>
<td>E.L.</td>
<td>0.375</td>
<td></td>
<td>LPG</td>
<td>Chrysler vehicles with TWC CL systems only. Fuel control valve must be used on all TWC CL systems equipped vehicles except for those equipped with a VV carburetor.</td>
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<td>E.O. # B-4-9</td>
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<tr>
<td></td>
<td>1981</td>
<td>CA300A</td>
<td>E.L.</td>
<td>&gt;300</td>
<td></td>
<td>LPG, LPG</td>
<td>MDV, HDV</td>
<td>1) Same as the IMPCO CA300A.</td>
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<td>Older</td>
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<td>MANUFACTURER</td>
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<td>MIXER#</td>
<td>REGULATOR#</td>
<td>ENGINE SIZE (CID)</td>
<td>FUEL CONV. TYPE</td>
<td>APPLICATIONS</td>
<td>OTHER COMPONENTS</td>
<td>REMARKS/MODIFICATIONS ALLOWED</td>
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<tr>
<td>Impco Carburator, Inc. E.O. # B-4-5</td>
<td>1979 &amp; Older</td>
<td>CA425</td>
<td>E</td>
<td>LPG</td>
<td>PC, MDV, HDV with eng. size &gt; 200 CID MDV, IIDV with eng. size &gt; 250 CID</td>
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<tr>
<td>E.O. # B-4-1</td>
<td>1976 &amp; Older</td>
<td>CA425</td>
<td>E</td>
<td>&gt; 200 LPG, LPG DF</td>
<td>LDT, MDV, HDV</td>
<td></td>
<td>E.G.R. Valve may be disconnected if the EC-I valve is used.</td>
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<tr>
<td>Landi Harrow, U.S., Inc. E.O. # B 8</td>
<td>1980 &amp; Older</td>
<td>1000 U.S.</td>
<td>Jakobh</td>
<td>&gt; 300 LPG DF</td>
<td>PC, LDT, IIDV</td>
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<td>LPF Carburator E.O. B-11-1</td>
<td>1981 &amp; Older</td>
<td>L-50</td>
<td>T</td>
<td>&gt; 250 LPG DF</td>
<td>LDT, MDV, IIDV</td>
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<tr>
<td>Marvel Schebler/Tillotson Division of Borg Warner E.O. # B 5-3</td>
<td>1981 &amp; Older</td>
<td>MS/T2562</td>
<td>MS/TM 4 or M 6</td>
<td>&gt; 300 LPG DF</td>
<td>PC, LDT, MDV, IIDV</td>
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<td>Marvel-Schebler/Tillotson mixer aka &quot;Century&quot;</td>
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<tr>
<td>E.O. # B 5-1</td>
<td>1976 &amp; Older</td>
<td>3C-705 LE</td>
<td>3C-706 LE</td>
<td>0-250 LPG</td>
<td>PC, LDT, MDV, IIDV</td>
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<td>3C or 3CG 705 DTE</td>
<td>3C or 3CG 06 DTL</td>
<td>201-300 LPG</td>
<td>PC, LDT, MDV, IIDV</td>
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<td></td>
<td></td>
<td></td>
<td>&gt; 250</td>
<td>PC, LDT, MDV, IIDV</td>
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<td>&gt; 300</td>
<td>PC, LDT, MDV, IIDV</td>
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<td></td>
<td></td>
<td></td>
<td>PC, LDT, MDV, IIDV</td>
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<td></td>
<td>On Chrysler and Ford 6 cyl engines the vacuum diaphragm is connected to the EGR valve using single diaphragm distributor may be removed. Marvel Schebler/Tillotson mixer aka &quot;Century&quot;</td>
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## ALTERNATIVE FUEL CONVERSION SYSTEMS

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL YEAR</th>
<th>MIXER#</th>
<th>REGULATOR#</th>
<th>ENGINE SIZE (CID)</th>
<th>FUEL CONV. TYPE</th>
<th>APPLICATIONS</th>
<th>OTHER COMPONENTS</th>
<th>REMARKS/ MODIFICATIONS ALLOWED</th>
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<tbody>
<tr>
<td>Mesa Environmental E.O. # 8.34</td>
<td>1993 &amp; Older</td>
<td>GEM</td>
<td></td>
<td>CNG</td>
<td>GM LDT with 5.7, 2.5, or 2.2 liter engines</td>
<td>ECM, gas mixer nozzle, regulator, metering valve assembly, PROM.</td>
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<tr>
<td>NGV Technologies Company, Inc. E.O. 9 B-28-2</td>
<td>1993 &amp; Older</td>
<td>NGV CNG Conversion Kit</td>
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<td>CNG, CNG General Motors DF</td>
<td>LDT, MDV, HiDV</td>
<td>Modification allowed to OEM air cleaner</td>
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<tr>
<td>PAS, Inc. 8.32</td>
<td>1992-1993</td>
<td>P/N 90210</td>
<td>350</td>
<td>CNG</td>
<td>General Motors C1500 or C2500 Pick Up or with 350 CID engines</td>
<td>90018 low-pressure shut off valve, 10096129 heated oxygen sensor, 16192816 PROM, 90053 fuel pressure sending unit, 90612 natural gas injector, 90402 manual shut off valve, 90415 fuel injector plate</td>
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<td>MANUFACTURER</td>
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<tr>
<td>OHG, Inc.</td>
<td>1993 &amp;</td>
<td>X-450</td>
<td>X-1</td>
<td>300-460</td>
<td>LPG</td>
<td>Nori-Feedback LDT, Autotronics</td>
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<td>X-1</td>
<td>300-460</td>
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<td>Feedback LDT, MDV, HDV</td>
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<td>X-450FB</td>
<td>X-2</td>
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<td>Feedback LDT, MDV, HDV</td>
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<tr>
<td>Stewart &amp; Stevenson</td>
<td>1993 &amp;</td>
<td>GFI Conv. system</td>
<td>P/N 10999.621 OOD</td>
<td>All</td>
<td>CNG, CNG, PC, LDT, MDV,</td>
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<td>Power, Inc.</td>
<td>Older</td>
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<td>DF</td>
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<tr>
<td>Toyota Red Cab LPG</td>
<td>1979 &amp;</td>
<td>1000</td>
<td>v.3</td>
<td>0-300</td>
<td>LPG DF</td>
<td>PC, LDT, HDV</td>
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<td>Older</td>
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<td>v.3</td>
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<td></td>
<td></td>
<td>3000</td>
<td>v.3</td>
<td>&gt;360</td>
<td>LPG DF</td>
<td>PC, LDT, HDV</td>
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<td>MANUFACTURER</td>
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<tr>
<td>Vialle U. S. A., Inc.</td>
<td>1992 &amp; Older</td>
<td>D-5</td>
<td>-</td>
<td>ALL CNG, LDT, MDV.</td>
<td>OF</td>
<td>ALL</td>
<td>CNG PC with carb. or FI.</td>
<td>GM Vehicles use ANGI part #D35A44441 except with mass flow fuel system. Ford and Chrysler vehicles with OBD systems use 02 sensor fix. FI Chrysler vehicles use injector fix.</td>
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<tr>
<td>Vialle U. S. A., Inc.</td>
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<td>D-5</td>
<td>c-5</td>
<td>ALL LPG, LPG MDV.</td>
<td>DF</td>
<td>ALL</td>
<td>CNG PC with carb. or FI.</td>
<td>GM Vehicles use ANGI part #D35A44441 except with mass flow fuel system. Ford and Chrysler vehicles with OBD systems use 02 sensor fix. FI Chrysler vehicles use injector fix.</td>
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CNG = Compressed Natural Gas  
OF = Dual Fuel  
LPG = Liquefied Petroleum Gas  
LNG = Liquefied Natural Gas  
FUM = Fumigation System  
PC = Passenger Car  
LOT = Light Duty Truck  
MDV = Medium Duty Vehicles  
HDV = Heavy Duty Vehicles  
VV = Variable Venturi Carburetor  
FI = Fuel Injected  
TBI = Throttle Body Injected  
TWC-CL = Three-way catalyst closed loop