

**Annex A to Gas Energy Australia's Submission to the
Federal Department of Infrastructure and Regional Development's 2014 Review of the *Motor Vehicle Standards Act 1989***



This solenoid valve is a LPG safety valve incorporating a fuel line filter, and is only one of many components utilised in an autogas installation that requires some form of "approval" or certification. This device will be found in both OE autogas vehicles and vehicles converted to autogas, post OE production.

COMPONENT CERTIFICATION JOURNEY

| | STAGE 1 At point of manufacture | STAGE 2 At point of importation | STAGE 3 At point of incorporation into AUTOGAS CONVERSION KIT | STAGE 4 At point of incorporation into OE Vehicle production | ANNUALLY Component Audit & Recertification Vehicle Registration | |
|---|--|---|--|--|---|--|
| INTERNATIONAL Certification, Approval or Compliance | UL Global testing & certification body (USA & Canada) approval sought & obtained | UN/ECE United Nations/Economic Commission for Europe approval sought & obtained | | | | |
| NATIONAL Certification, Approval or Compliance | | AGA Australian Gas Association approval sought & obtained (or equivalent) | AS1425 Kit Certification performed & obtained | ADR approval sought & obtained | AGA Australian Gas Association approval sought & obtained (or equivalent) | |
| STATE Certification, Approval or Compliance | | | In NSW, Fair Trading NSW is the Regulator and the Gas Supply (Consumer Safety) Regulation 2012 dictates compliance requirements. Each STATE has their own Regulator and Laws, and therefore their own set of rules to which components and installations must adhere to | | | In NSW, Roads & Maritime Services requires inspection of the autogas system to satisfy the Road Transport (Vehicle Registration) Act . Each STATE has their own Regulator and Laws, and therefore their own set of rules to which components and installations must adhere to |
| Cost Estimates | Unknown at this time | \$3000-\$5000 per component | \$2000-\$3300 per Kit | Unknown at this time | \$340-\$520 per component per annum | Cost direct to end user per annum |

Note:

If at anytime a modification is made to the component, then Stages 1,2,3 and possibly Stage 4 must be performed again.

If at anytime a new vehicle is released and a new or modified kit is required, then Stages 3 and 4 must be performed again.

Ford Australia released three 6cyl Falcon models between 2002-2008, Holden released three 6cyl Commodore models between 2004-2011, and Toyota released three 4cyl Camry models between 2003-2007. Therefore nine autogas kit certifications required for 3 models.