Item and Method of Inspection	Out of Service
1. Any cause for rejection of a Liquefied Petroleum Gas (LPG or Propane) system must be indicated as " Out of Service" on the inspection report. 2. If pressure fuel system is present it must work or be removed. 3. Installation of propane fuel system and tanks on highway vehicles is governed by the Canadian Gas Association Code.	
a) regulatory authority decal	a) decal is not displayed – an incorrect decal is affixed to vehicle – information on decal is not readable
b) pressure vessel (tank) location and mounting	b) pressure vessel (tank) is insecure or loose, or welds are broken – welding has been done anywhere on a pressure vessel (tank) except on saddle plates or brackets – correct mounting bolts not used – correct reinforcing plates are not used under mounting nuts – pressure vessel (tank) is located above the vehicle or projects beyond vehicle side, ahead of front axle or behind rear bumper – any part of exhaust system is closer than 200 mm to any part of the fuel system and is not protected by shields – a heat shield is closer than 25 mm from a fuel system component
c) pressure vessel (tank) ground clearance **NOTE: Includes any attached fitting.**	c) distance to ground from bottom of pressure vessel (tank) is less than minimum ground clearance shown below pressure vessel (tank) located between axles – wheelbase of 3,220 mm or less: minimum ground clearance = 180 mm – wheelbase over 3,220 mm: minimum ground clearance = 230 mm – pressure vessel (tank) located behind rear axle – minimum ground clearance = 200 mm – any portion of the tank protrudes past the plane formed by the bottom of the rear most tires and the lowest most rearward part of the vehicle
d) pressure vessel (tank) information plate and data	d) name plate is missing, or illegible, or data is not shown on plate

All inspection procedures are visual unless additional inspection procedures are indicated or where applied force is necessary to verify tightness and/or component security.

Item and Method of Inspection	Out of Service
e) pressure vessel (tank) located within the body shell of the vehicle	e) stop fill valve, remote fill, or gauging line not fitted
f) pressure vessel (tank) filler cap	f) protective filler cap not secured to filler valve or vehicle
g) pressure vessel (tank) check valve	g) double check valve on the remote fill is missing, or valve is not an approved type
h) pressure vessel (tank) interconnection	h) individual pressure vessels (tanks) are not protected by soft seat back-check valves
i) pressure vessel (tank) remote filler box	i) not adequately sealed to prevent vapour migration into vehicle interior (trunk etc.)
j) main shut-off valve	j) valve is not readily accessible (cannot be reached)
k) damage protection	k) tank valves and their connections are not mounted securely tank valves and their connections are not protected from damage due to stationary objects, or objects from the road
l) corrosion protection	l) protective coating or material is damaged, or is missing from externally mounted pressure vessel (tank) or attachment
m) fitting, hose, piping and tubing **NOTE: Only the following types of piping and tubing are permitted for use in LPG fuel systems.** Piping – must be black or galvanized steel with steel fittings (schedule 40 vapour and schedule 80 liquid) Tubing – must meet SAE J527, may be steel or copper with steel or brass fittings Minimum tubing wall thickness: ¼ in. tubing = 0.71 mm ½ in. tubing = 0.76 mm	m) improper tubing or piping is used – hose assembly is not CGA approved and labelled – supply line is not secure, or any anchor or support is damaged or missing – any joint is not flared or compression type specifically designed for LPG use – a bushing other than steel or brass is used – piping and tubing is not protected against corrosion – tubing or hose in trunk area is not protected against luggage – piping between fuel pump and gasoline solenoid valve is non-metallic material

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Item and Method of Inspection	Out of Service
n) system leakage Additional Inspection Procedure(s): Check for leaks using a leak detector.	n) any system leak is detected
o) hydrostatic relief valve	o) incorrectly installed or missing – outlet is not piped downward to outside of any enclosed space – pipeaway is not secured to valve, or if installed after May 1, 1985, is aluminum or non-metallic material, or is a range connector type
p) propane supply lock off valve	p) does not operate as originally intended
q) excess flow valve	q) incorrectly installed or missing
r) vaporizer	r) is not mounted securely on engine, chassis, fender apron or firewall
s) vehicle chassis and under-body	s) a structural member has been altered during installation of the system in any manner that does not meet industry standard or OEM standard
t) pressure vessel sub-frame	t) any modification has been made to pressure vessel (tank) carrier, or sub-frame, in a manner not approved by pressure vessel manufacturer

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