

Isuzu NPR 6.0L Service Manual CNG Alternative Fuel System Appendix

Service Shop Safety

Revised: 18Oct2013

SERVICE SHOP SAFETY:

- a. Determine if service area performs Major or Minor repairs:
 - i. Major Repairs = Repairs involving fuel systems, open flames / welding, engine overhauls, painting, body work, and draining fuel systems.
 - ii. Minor Repairs = All other repairs including lubrication, engine tune-ups, parts replacement, fluid changes, brake service, tire rotation, regular maintenance work.

- b. If Major repairs are performed in the service area these limits apply:
 - i. Ventilation systems
 - ii. Gas Detection systems
 - iii. Ignition Source Temperature limits
 - iv. Electrical Classification

- c. If only Minor repairs are performed in the service area, modifications to the service area are not required.

For more details, refer to:

<http://www.cleanvehicle.org/committee/technical/PDFs/GuidelinesDocumentFinal.pdf>

SERVICE SHOP SAFETY (CONT.):

- d. NFPA Codes and Standards are available for viewing at:
http://www.nfpa.org/aboutthecodes/list_of_codes_and_standards.asp
- e. Natural Gas Vehicles for America Resource website - More information about dedicated CNG vehicles in the links below:
- i. <http://www.ngvc.org/forfleets/cng101.html>
 - ii. <http://www.ngvc.org/forfleets/fuelingoptions.html>
 - iii. http://www.ngvc.org/tech_data/index.html
 - iv. http://www.ngvc.org/tech_data/cvef_safety.html
- f. Inspect vehicle CNG fuel tank(s) - every 3 years in service or 36,000 miles. For more details, refer to:
<http://www.cleanvehicle.org/technology/cylinder.shtml>