

DieselGas Technologies & Exhaust Pty Ltd **(DieselGas Moree)**

Capabilities

DieselGas Moree undertakes repairs, maintenance, service, sales and fabrication for heavy vehicles, 2WD and 4WD vehicles, and equipment in civil construction, agricultural, mining and industrial projects in North Western New South Wales and South Western Queensland.

As a diesel engine specialist with over 20 years' experience working with small through to large clients in the Moree region, DieselGas Moree provides high quality, flexible on-site and off-site servicing, diagnostics, repairs and maintenance to minimise machine downtime and optimise machine and equipment performance. An agent for Volvo Penta engines and with Moree's only Bosch Certified Diesel Fuel System Pump Room, DieselGas Moree stocks a wide range of OEM parts and custom fabricates for specialist requirements.

DieselGas Moree's services include:

- **Heavy vehicle & civil construction services and repairs** - heavy vehicle repairs for civil construction machinery, the fabrication and supply of parts for repairs and maintenance to civil equipment and onsite repairs to civil construction equipment - also includes diesel fuel injection, clutches, turbochargers, exhausts, diesel maintenance and diagnostics, filter kits, breakdown repairs, on-site servicing and a wide range of spare parts.
- **Agricultural, mining and industrial projects** - design (building custom specifications), supply, installation and maintenance of industrial engines and generators for the agricultural, mining and industrial sectors. This also includes custom fabrication where required as well as the supply of spare parts.
- **Diesel fuel systems, diesel engines and diesel performance** – including diesel fuel system sales and repairs, engine diagnostics, rebuilds, repairs and maintenance and diesel performance upgrades for enhanced power and fuel economy.

DieselGas Moree has a strong network of suppliers and stockists to meet maintenance and rebuild requirements for a wide range of vehicles and equipment. Integrated services, maintenance, sales and dealerships deliver improved coordination of onsite works, time and cost efficiencies during maintenance shutdowns.

More specifically, DieselGas Moree offers:

- *Summary of main services:*
 - 1) Diesel Fuel Injection - including sales, repair and servicing of diesel fuel systems.

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- 2) Volvo Penta Dealership - including engine sales, installation, spare parts, rebuilds, warranty and annual maintenance.
 - 3) Telemetry - for the Volvo Penta range allowing remote access, online control, monitoring, protection, flow meter and flexible timers, selectable protections and alarms, real time data and more.
 - 4) WPT Power Clutch Reseller - including servicing, rebuilds, belt repairs, breakdowns, installation and maintenance.
 - 5) Turbochargers - including sales, parts, upgrades and balancing. DieselGas are your local Garrett, BorgWarner, IHI and Schwitzer agent.
 - 6) Exhausts - including sales, fabrication, customisation and repairs. DieselGas are your local Beaudesert and Manta Exhaust Dealer.
 - 7) 2WD Mainline Dyno Tuning - to improve fuel efficiency and power.
 - 8) Diesel Performance Modules - achieve up to 20% more power & torque with Steinbauer.
 - 9) ECU Remapping - for most late model bikes, cars, trucks, 4WD's, Boats and agricultural machinery.
 - 10) Secondary Filter Kits and Catch cans - sales, parts and installation.
 - 11) Stainless steel snorkels - sales, parts and installation, as the local proud Phat Bars agent.
 - 12) Heavy Diesel, Civil Construction, Machinery/Equipment & Automotive Repairs - including maintenance, breakdown repairs, servicing and spare parts.
 - 13) Field Service - equipped with mine-spec field service truck (with crane) and field service vehicles. including on-site repairs and maintenance such as servicing & repairs, clutch and belt repairs, breakdowns, pump removal, repair & installation for stationary motors, machinery, civil construction equipment and vehicles.
 - 14) Diagnostics - with the latest technologies, DGM offer diagnostics for 4x4's, heavy diesel, civil construction, irrigation engines and machinery.
 - 15) A wide assortment of spare parts.
 - 16) Rapid Spray dealer, specialising in portable and lockable diesel and AdBlue pods making refuelling your 4x4 and heavy diesel equipment secure, quick, safe and easy.
- *Civil construction services and repairs covering:*

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- On and off-site machinery repairs of civil construction equipment.
- Fabrication of components to repair civil construction equipment.
- The supply and installation of spare parts for heavy vehicle and construction equipment.
- *Agricultural, Mining and Industrial projects including:*
 - Technical data, support and scope services covering design, structural components and engine configuration.
 - The supply of Volvo Penta engines and spare parts for the agricultural (bore and irrigation applications), mining and industrial sector – this includes both new sites and existing upgrades (repowers).
 - Site preparation including the installation, commissioning and maintenance of new Volvo Penta engines.
 - The repair, service and maintenance of existing site engines as well as rebuilds should they be required.
 - Shutdown repairs, refurbishment and maintenance.
 - Technology integration and systems upgrades to support productivity improvements and real time monitoring.
 - After hours support.
- *Diesel Fuel Injection sales, repairs and service, incorporating;*
 - State of the art Bosch Certified Diesel Fuel System Pump Room equipped with an EPS815 Bosch Test Bench, Magasa F-120, Hartridge IFT-70 and Hartridge Testmaster bench.
 - Diesel Fuel System Specialist support, advice, sales and service including technical advice on fuel system components and access to parts breakdowns.
 - Sale, repair, test and report of fuel pumps and injectors.
- *Diesel Performance, specialising in;*
 - 2WD Mainline Dyno Diagnostics, Tuning and ECU remapping to improve fuel economy and power.
 - Exhausts including sales, fabrication, customisation and repairs. DieselGas Moree are your local Beaudesert Exhaust and Manta Exhaust Agent.
 - Turbochargers including sales, parts, upgrades and balancing. DieselGas are your local Garrett Agent. This also includes access to turbochargers and spare parts for civil construction, agricultural, mining and industrial projects.
 - Stainless Steel snorkels, as the local Phat Bar Snorkels Agent.
 - Radiator and Intercooler upgrades, as the local PWR Performance Agent.

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- Engine management protection including Direction Plus Filter Kits, Catch Cans, JLM cleaning solutions (EGR, Turbo, Injector, Fuel System and DPF solutions).
- *Diagnostics, Project management and delivery services to support effective repair solutions and on time delivery:*
 - Diagnostics - with the latest technologies, DieselGas Moree offer diagnostics for 4x4's, heavy diesel, civil construction, irrigation engines and machinery.
 - Advanced logistics support systems for effective delivery in regional and remote locations.
 - Rapid field service deployment capability i.e. able to mobilise quickly for breakdowns or unexpected events on site.

Primarily servicing North Western NSW and South West QLD it is DieselGas Moree's mission to provide exceptional workmanship and quality spare parts to ensure your diesel needs are exceeded.

From 2016-2017 DieselGas Moree topped Volvo Penta industrial engines sales Australia-wide, equipping customers with diesel engines and generators for emergency applications and long-term projects.

DieselGas Moree can undertake contracts up to \$2m in value.

Equipment and Resources

Workshop Specifications:

DieselGas Moree owns and operates from 10 Blueberry Road, Moree New South Wales 2400;

- 1 x 13mx6m Bosch Pump Room, Office & Customer Lounge
- 4 x 13mx6m working bays, with a hoist operational in three bay's with the fourth established for stationary engine repairs
- 1 x 13mx6m Mainline Dyno bay for performance works

Equipment includes:

- EPS815 Bosch Test Bench
- Magasa F-120
- Hartridge IFT-70
- Hartridge Testmaster bench
- Turbo Balancer
- Vodia Scan Tool (Volvo Penta Diagnostics)
- EEMSAU343 Snapon Scan tool (Vehicle Diagnostics)

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- Bosch Scan Tool (Vehicle & Machinery Diagnostics)
- 3 x Field Service utes
- 1 x Engine/Vehicle Trailer
- 1 x Field Service Isuzu NPR 400 Truck equipped with crane
- 2WD Mainline Dyno
- Kess Tooling
- Lathe
- 3 x Operational Hoists
- Fully equipped mobile service units.

An equipment management plan ensures that all plant and equipment is proactively maintained according to manufacturer's specifications. Daily equipment checks cover wear tolerances and safety of operation. Mobile services units meet mine spec standards.

The company employs 6 people and can scale more staff for large projects. The skilled team includes mechanical technicians, fabricators, diesel fuel system specialists, engine sales and technical support and administration. Regular product, skill development and safety training are in place for all staff.

DieselGas Moree uses AMWIN for POS, job scheduling, accounting and HR, VPPN for component design, Mail Chimp for marketing software and an array of testing and field service equipment.

Given the evolving technologies in the diesel world, DieselGas Moree strives for innovation and continuous improvement in all projects. Innovation in project design and delivery has reduced costs for clients, improved environmental outcomes and supported project delivery to meet deadlines. One examples is the installation and trial of a TAD843VE and a TAD1142VE Volvo Penta Industrial Engine for two separate Irrigation/Agricultural applications. This trial proved significant time (low maintenance) and cost savings (fuel efficiency) as well as reducing the risk to the environment.

DieselGas Moree is a member of the Motor Traders Association, The Bosch Partner Network and the Institute of Automotive Mechanical Engineers. These associations allow the company to ensure it keeps up to date with the latest trends, processes and technologies in its field.

Track Record

DieselGas Moree has worked successfully for The Moree Plains Shire Council, Roads & Maritime Services NSW, NRMA Insurance, Allianz Insurance, CSIRO Australia Telescope, Volvo Penta, Moree District Health Service (via Generator Power), Gwydir Asphalt Moree as well as an array of small to large scale farming operations in the New England North West.

Management Systems

Workplace Health and Safety

DieselGas Moree has a comprehensive safety management system that meets NSW WHSE legislative requirements.

Health and safety is a key measure of employee performance.

Quality System

DieselGas Moree operates a quality management system based on dealership and agency requirements for key brands. The company's focus is on high quality standards in all aspects of service delivery, a commitment to continuous improvement and regular monitoring and feedback support effective quality management.

Environmental Management System

DieselGas Moree has policies and procedures in place to safely dispose of solid and liquid waste and meets NSW environmental legislation requirements.

Risk Management System

Throughout its 10-year operation, DieselGas Moree has proved to have the financial strength and track record to deliver on all contracts. All new projects are assessed using a comprehensive risk management framework and strategies to manage risk are a key component in project management.

Insurances

DieselGas Moree carries the following insurances:

- Workers Compensation Insurance.
- Public Liability Insurance.
- Vehicle and Equipment Insurances.



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Contact Details

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