PHUMELI
MOBILE MECHANICS

Phumeli Mobile Auto Electricians & Mechanics

www.phumelimobilemechanics.co.za



Our service promise is that your car will be diagnosed and fixed at your location and at your time, right the first time



079 727 9289

We offer complete mobile auto care, covering routine maintenance, diagnostics, and component repairs to manufacturer specifications.
Our team handles everything from engine servicing and brake overhauls to full rewiring and complex electrical faults on all vehicle types.

OUR AUTO ELECTRICAL SERVICES

- Alternator Repairs.
- Starter Motor Repairs.
- Car Rewiring.
- Auto Diagnostics.
- Lighting System Repairs.

OUR AUTO MECHANICAL SERVICES

- Minor & Major Service.
- Clutch Kit Repair.
- Braking System Overhaul.
- Suspension Overhaul.
- Engine Repair & Overhaul.



CONTACT US

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✓ Welcome to Phumeli Mobile Auto Electricians & Mechanics.

- ## Our History

Phumeli Mobile Mechanics was established to address the growing demand for dependable, high-quality, on-site automotive care. Traditional repair models require motorists and fleet operators to tow immobilised vehicles or spend productive working hours sitting in conventional repair shops. Recognising these operational bottlenecks, our business model was structured around rapid, fully mobile workshops equipped with advanced diagnostic tools, heavy-duty repair equipment, and certified field technicians.

Over our operational journey, we have grown from providing fundamental roadside assistance into a full-scale mobile automotive engineering solution. We deliver bumper-to-bumper mechanical interventions and complex electrical systems engineering directly at client residences, corporate offices, distribution centres, and roadside breakdown points across Gauteng. Our continuous investment in cutting-edge computer diagnostics and manufacturer-grade mechanical tooling ensures workshop-grade outcomes wherever a vehicle is located.

Our Target Market

Phumeli Mobile Mechanics caters to individual vehicle owners and commercial fleet clients requiring dependable automotive care with minimal vehicle downtime.

- Private Motorists: Commuters, families, and high-mileage private drivers requiring routine minor and major servicing, safety overhauls, or immediate breakdown relief at their private homes or offices.
- Corporate Fleets and SMEs: Small-to-medium enterprises, field sales vehicles, and service companies operating light delivery vans and utility vehicles that cannot afford extended workshop downtime.
- Logistics and Transport Operators: Courier companies, delivery fleets, and transport businesses requiring scheduled on-site preventive maintenance to keep operations moving continuously.
- Stranded Motorists and Roadside Assistance: Drivers dealing with sudden mechanical immobilisation, electrical failures, dead starters, failed alternators, or severe overheating on the road.



Our Mission

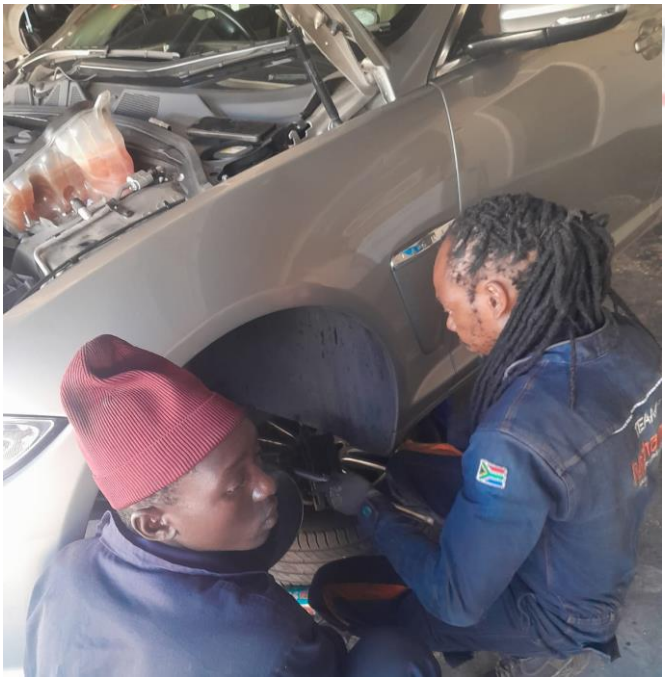
Our mission is to deliver professional, transparent, and prompt mobile mechanical and auto electrical solutions directly to our clients' doorsteps. We strive to minimise downtime, eliminate unnecessary towing costs, and deliver uncompromising technical workmanship by deploying experienced technicians, modern diagnostics, and manufacturer-grade parts to every service call.

Our Vision

Our vision is to become the leading and most trusted on-site automotive mechanical and electrical engineering service provider across Gauteng and surrounding regions. We aim to redefine vehicle servicing and emergency repair through honesty, rapid technical deployment, and accessible convenience.

Our Core Values

- Integrity and Transparency: Providing clear diagnostics, honest technical evaluations, and itemised pricing before commencing any repair work.
- Prompt Convenience: Arriving on-site fully prepared to perform scheduled maintenance or emergency repairs without disrupting client schedules.
- Workmanship Excellence: Executing all mechanical overhauls and electrical repairs strictly according to original equipment manufacturer specifications.
- Reliability: Standing behind our workmanship with tested components, verified repairs, and consistent post-service support.
- Client Safety: Prioritising vehicular roadworthiness and operating safety through thorough inspections of critical braking, steering, and electrical components.



✓ Mobile Auto Electrical Services

Phumeli Mobile Mechanics offers a comprehensive range of auto electrical services across a broad spectrum of passenger cars, commercial utility vehicles, and fleet assets. From resolving basic circuit faults to executing complex engine management troubleshooting and complete vehicle rewiring, our mobile auto electricians bring precision diagnostic testing directly to your location.

▪ Alternator Repairs

The alternator is critical for charging the vehicle battery and sustaining all on-board electronics while the engine is running. When an alternator begins to fail, the vehicle may exhibit sluggish starts, dimming headlights, erratic dashboard warning indicators, or distinct whining and squealing noises from under the bonnet.
Phumeli Mobile Mechanics provides complete on-site alternator testing, diagnostics, repair, and replacement. We examine voltage output, regulator performance, pulley integrity, and drive belts to restore full charging capability without requiring vehicle transport.



▪ Starter Motor Repairs

Starter motor failures are among the most frequent causes of sudden vehicle immobilisation. A faulty starter will produce loud clicking noises, intermittent cranking, harsh grinding sounds, or complete silence when turning the ignition key or pressing the start button.
Our technicians specialise in diagnosing starter motor faults on-site. We inspect solenoid circuits, brushes, starter drives, and electrical connections, executing swift replacements or rebuilds to get your vehicle starting smoothly and consistently.

- Car Rewiring

Automotive wiring harnesses deteriorate over time due to engine heat cycles, vibration, moisture ingress, or previous substandard modifications. While minor electrical shorts can often be isolated and spliced, severely damaged, burnt, or aged harnesses require systematic rewiring to eliminate fire hazards and persistent electrical gremlins.
We deliver complete and partial vehicle rewiring services. Our team uses automotive-grade wire, protective conduits, factory-standard connectors, and heat-shrink insulation to restore complete electrical integrity to classic vehicles, work utility trucks, and modified fleets.



- Auto Diagnostics

Modern motor vehicles rely on complex interconnected electronic control modules governing engine performance, fuel management, transmission timing, and emissions controls. When warning indicators illuminate on the dashboard, guesswork can lead to costly and unnecessary part replacements.
Our advanced on-board diagnostics test scans engine control units, transmission modules, ignition coils, exhaust emissions systems, throttle bodies, fuel injection parameters, and cooling networks. We interpret real-time live data and trouble fault codes to pinpoint the exact root cause of the fault before carrying out repairs.

- Lighting System Repairs

Vehicle lighting is essential for driver visibility, night driving safety, and legal roadworthiness compliance. Faults within lighting circuits can range from persistent bulb failure to relay malfunctions, damaged headlight switches, or faulty grounding wires.
We diagnose and repair all exterior and interior lighting systems. Our services cover halogen, LED, and Xenon headlight restorations, tail lights, indicators, fog lights, and trailer connector harnesses, ensuring your vehicle remains fully compliant and safe to operate under all conditions.

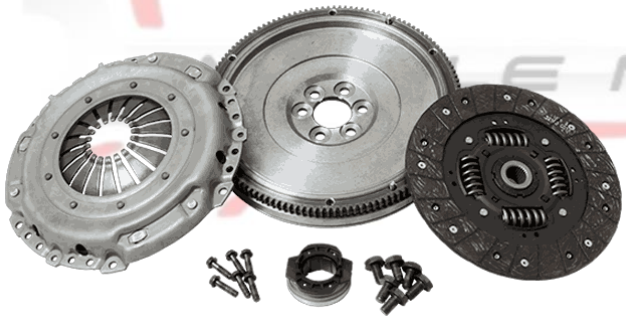
✓ Mobile Auto Mechanics Services

Phumeli Mobile Mechanics provides full preventive maintenance, intermediate repairs, and major mechanical rebuilds at your home, depot, or workplace. We service light commercial vehicles, bakkies, SUVs, and passenger cars, replacing worn components with high-quality spares to uphold vehicle longevity and ensure maximum road safety.

▪ Minor & Major Service

Routine servicing preserves engine life, maximises fuel economy, and prevents catastrophic component failure. As a general operational benchmark, vehicles require a minor service every 10,000 to 15,000 kilometres, and a comprehensive major service every 30,000 to 45,000 kilometres.

- Minor Servicing: Complete engine oil drain and refill with manufacturer-approved grade lubricant, replacement of the engine oil filter, thorough fluid level checks and top-ups, tyre rotation, and a multi-point safety inspection.
- Major Servicing: All minor service items plus the replacement of air filters, cabin pollen filters, spark plugs, fuel filters, auxiliary drive belts, and detailed testing of the cooling and drive-line systems.





▪ Clutch Kit Repair

The vehicle clutch assembly transfers engine power directly to the manual transmission. Over time, friction discs wear thin, pressure plates warp, and release bearings dry out, resulting in clutch slipping, high pedal engagement, difficulty shifting gears, or a spongy hydraulic pedal. Our mobile mechanics inspect the full clutch engagement system, including hydraulic master and slave cylinders, clutch cables, and flywheel surfaces. We install complete, balanced clutch replacement kits to restore crisp gear engagement and smooth torque delivery.

- Braking System Overhaul

A vehicle's braking assembly is its most critical safety system. Neglecting worn brake surfaces increases stopping distances dramatically and can cause severe damage to wheel hubs and callipers.

Our mobile braking system overhaul involves a rigorous inspection and refurbishment of all three core braking components: brake discs, brake pads, and brake fluid condition. We machine or replace worn discs, install durable low-dust brake pads, inspect hydraulic callipers, and flush moisture-contaminated brake fluid to deliver firm, immediate stopping power.





- Suspension Overhaul

A healthy suspension system guarantees road grip, cornering stability, and ride comfort. Worn suspension hardware causes uneven tyre wear, excessive body roll, knocking noises over road imperfections, and poor directional tracking.

Our technicians begin with a thorough inspection of the entire steering and suspension assembly. We replace leaking shock absorbers, worn struts, ball joints, control arm bushes, stabilizer links, and tie rod ends, re-establishing solid vehicle handling and stability.

- Engine Overhaul

Repeated engine breakdowns, chronic oil consumption, blown head gaskets, overheating, and low compression rob a vehicle of power and reliability. An engine overhaul restores mechanical integrity, extending the operational lifespan of the vehicle without the extreme expense of purchasing a new motor car.

Our engine overhaul service includes cylinder head skimming, gasket replacement, piston ring renewals, crankshaft bearing replacements, valve seating, and timing chain or belt replacement. Every overhaul is executed to factory torque specifications to ensure lasting durability and renewed engine performance.