

CAPABILITY OVERVIEW

ACAPS delivers complete commercial AC service, fleet maintenance, and high-voltage thermal management across bus and coach networks in New South Wales. Operating under a "zero-downtime" service delivery model, ACAPS provides rapid mobile dispatch, depot-based servicing, and facility overhaul capabilities designed to keep commercial transit fleets cool and route-ready.

CORE COMPETENCIES & SERVICES

- Fleet AC & Heavy Vehicle HVAC Service:** Complete diagnostic, servicing, re-gassing, compressor overhauls, hose fabrication, and system repairs across all major OEM platforms (Denso, Valeo, SONGZ, Spheros, Coachair, Hispacold, Thermo King, Cooltek, Yutong, King Long, Rosa, Coaster).
- High-Voltage & ZEB Thermal Management:** Diagnostics, service, and coolant loop optimization for Battery Thermal Management Systems (BTMS) and heat pump systems on Zero Emission Buses.
- Pre-Delivery Audits (PDA) & Commissioning:** Technical inspections, HVAC performance auditing, safety sign-offs, and pre-deployment testing for diesel, hybrid, and ZEB fleets.
- Obsolete Part Re-Engineering:** Custom fabrication and engineering of discontinued or hard-to-source mechanical and AC components to extend legacy fleet service life.
- Routine & Major Mechanical Repairs:** Powertrain servicing, brake and suspension overhauls, pulley alignment, and diagnostic rainwater leak remediation.

SERVICE & DELIVERY MODELS

MODEL	SCOPE OF DELIVERY	PRIMARY FLEET VALUE
Contracted Fleet Maintenance	Turnkey maintenance covering scheduled PMs, full AC servicing, BTMS, and mechanical compliance.	Guaranteed uptime SLAs, fixed operational cost structures, and single-point accountability.
On-Site Depot & Mobile Response	Rapid dispatch technical units for depot AC maintenance, roof safety/leak audits, and emergency breakdown repairs.	Eliminates transit costs and reduces vehicle out-of-service time.
Workshop Overhauls	Facility-based major mechanical repairs, complete AC compressor rebuilds, and system retrofits.	Deep technical support for complex overhauls and custom engineering.

WHY PARTNER WITH ACAPS

- Zero-Downtime Commitment:** Prioritizing immediate fault resolution and preventative AC maintenance to protect route schedules.
- Multi-Platform Expertise:** Certified technical capability across traditional internal combustion engine (ICE) transport and next-generation electric bus platforms.
- Engineering-Led Problem Solving:** Capabilities extend beyond standard AC service to reverse engineering obsolete components and optimizing drive belt/pulley alignments.

CONTACT OUR SERVICE TEAM

SERVICE & COMMERCIAL INQUIRIES

- Service Inquiries:** Connect with our Service Team to schedule an AC service, request custom maintenance agreements, or arrange fleet commissioning.
- Region:** Servicing Greater Western Sydney and regional NSW depots.