

MTA Membership Category Equipment Lists

The Automotive Technology Committee has made changes to equipment lists in their care. These are: Change 'Fire extinguisher' to 'Adequate fire extinguisher' for all lists: Add 'Scan Tool' to Alternative Fuel, Brake specialist and Transmission specialist: Change 'Parts wash' to '-Parts wash environmentally compliant', Automotive repairer, Brake specialist and Engine reconditioner: Add 'Access to WoF information' to Automotive repairer, Exhaust specialist and Tyre Specialist: Change 'High rate discharge tester' to 'Battery testing equipment', Automotive electrical and Battery specialist: Automotive Electrical, remove '4 Gas Analyser': Suspension specialist - remove this equipment list [Suspension specialist has been removed as a category], Tyre Specialist add 'Proof of access to a Scan tool - steering angle sensor', change 'Torque socket or torque bar' to Torque wrench', after 'Tyre safety cage' add '[for businesses servicing split rim wheels]'.

Alternative Fuel (CNG/LPG installations)

Adequate range of hand tools
Adequate fire extinguisher
Air compressor
Approved first aid kit
Axle stands
Bench and vices
Bench grinder
Cooling system pressure testing equipment
Caulking/sealing gun
Creeper Boards
Drilling machines [portable and fixed]
Electrical test equipment - multimeter
Garage jacks
Gas leak detection equipment [electronic and snoop]
Hoist/ramp/pit [pit no AF]
Infra-red emission tester

Locktite sealers
Metal hole saw
Pop riveting gun
Portable gas proof inspection lamps
Relevant safety equipment
Scan tool
Spike guarded jumper leads
Soldering equipment
Suitable lifting tackle
Taps and dies
Timing light
Torsion wrench
Tube cutter
Vacuum and compression gauges
Vernier gauge
Welding equipment

Preferred but not essential

Battery charging plant
Engine analyser
Laptop computer and relevant software
[Gas injection]

Hydrometer
Service Vehicle

Aftermarket Equipment Installation

Adequate fire extinguisher
Allen key/torx screw set
Battery charger
Carpet and wing protectors
Centre punch
Crimping tool
Cushion or knee protectors
Drill set
Drilling machine [portable]
Electrical test equipment
Electric drill
Files

Insulation tape
Lead light
Long & short nose pliers
Paper and pen
Plasticine/ bluetac
Plastic trim tool/ craft knife
Power lead
Protective eyewear
Screwdriver set
Selection of nuts, bolts, washers, screws
Short circuit/ overload power lead protection

First aid kit
Hammer
Hacksaw
Heat gun
Hot glue gun
Tape measure
Toolbox
Universal stereo removal set
Vacuum cleaner

Automotive Air Conditioning

Adequate range of hand tools
Adequate range of pullers
Adequate charging scales
Air compressor
Approved first aid kit
Axle stands
Bench and vices
Bench grinder
Fire extinguisher
Goggles, gloves and earmuffs
Hoist, ramp or pit
Measures - Oil
MTA Automotive Air Conditioning Code of Practice

Automotive Electrical Specialist

Adequate fire extinguisher
Adequate range of pullers
Adequate range of hand tools
Air compressor
Approved first aid kit
Armature Growler
Axle stands
Battery charging plant (suitable for calcium batteries)
Bench and vices
Bench grinder
Creeper board/s
Drilling machines - portable & fixed
Electrical test equip - Suitable Multimeter
Garage jacks
Battery testing equipment
Hydrometer

Automotive Recycler and Dismantler

Adequate fire extinguisher
Adequate range of hand tools
Adequate range of pullers
Adequate storage facilities for contaminants
Approved first aid kit
Axle stands
Bench and vices

Socket set
Solder
Soldering iron
Spanner set
Spike guard jumper leads
Suitable electrical cable, fasteners and ties
Vice/vicergrips
Wire cutters
Wire stripper

Nitrogen bottle/regulator
Portable inspection lamp
Recovery System
Relevant electrical test and electronic gas leak detection equipment (suitable R12 & R134a)
Relevant flushing equipment (and flush fittings)
Relevant welding equipment (not mig)
Service manifold/gauges/hose assembly
Soldering equipment
Synthetic gas identifier
Thermometer
Vacuum pump
Vernier gauge

Lathe
Headlamp Beamsetter
Micrometre set/vernier gauge
Oscilloscopes
Parts wash (Environmentally compliant)
Gas plant
Portable inspection lamps
Power or mechanical press
Regulator tester/light
Relevant safety equipment
Scan tool
Service vehicle
Soldering equipment
Spike guarded jumper leads
Starter motor & charging System test bench
Timing light
Torsion wrench

Bench grinder
Garage jacks
Portable inspection lamps
Relevant safety equipment
Suitable lifting tackle
Vacuum and compression gauges

Automotive Refinisher

Adequate fire extinguishers
Adequate Spill containment
Air compressors of suitable capacity
Air fed respirator compliant with Dal requirements
Airlines including moisture extraction equipment
Approved first aid kit
Car wash equipment
Dustless dry sanding Equipment
Fan air extraction equipment
Floor jack (1.5 tonne minimum)
Heat lamps
Mechanical and pneumatic sanders
One primer gun
Polishing buff

Protective clothing, personal respirator & footwear for employees
Set of four car stands
Separate lunchroom, staff wash facilities and lockers
Separate paint storage area compliant with Dal requirements
Spray booth compliant with Dal requirements
Spray guns, of suitable design and capacity (1/ tradesperson)
Suitable computer protecting jumper equipment
Suitable parts storage areas & bins
Suitable rubbish containers
Tinting room, tinters and paint formulae manuals
Workbench

Automotive Repairer

Access to relevant WoF information
Adequate fire extinguisher
Adequate range of hand tools
Adequate range of pullers
Air compressor
Air service tyre pressure gauge
Approved brake test meter (WoF only)
Approved first aid kit
Axle stands
Battery charging plant
Bench and vices
Bench grinder
Cooling Sl:)Stem pressure testing equipment
Creeper boards
Drilling machines
Electrical test equip - multimetre
Garage jacks
High rate discharge test meter
Hoist/ramp/pit (pit not AF)

Hydrometer Lubricating equipment Measures - Oil
Parts wash - environmentally compliant
Portable inspection lamps
Proof of access to light alignment equipment
Proof of access to a scan tool
Relevant safety equipment
Soldering equipment
Spike guarded jumper leads
Suitable Computer (WoF Only)
Suitable lifting tackle
Taps and dies
Timing light
Torsion wrench
Vacuum and compression gauges
Vernier gauge
Welding equipment

Automotive Structural Repairer

Adequate Fire Extinguishers
Adequate range of hand tools
Adequate Spill containment
Air compressor and lines
Approved first aid kit
Bench Grinder
Chisel, saw or abrasive cut-off wheel grinder or plasma cutter
Corrosion protection equipment
Creeper board
Disc sanders (large and small)
Dustless dry sanding equipment
Electrical Welding Spike Protector
Engine Removal Equipment (outwork acceptable)
Floor Jack (1.5 tonne minimum) (one jack to every three trades persons)
Headlamp aligning facility
industry recognised chassis alignment machine (one machine to every six trades persons)
Inverter Spot Welder
Isolating transformer or isolating for power equipment
Lead lights or suitable lighting System
Mig welder (one welder to every three trades persons)
Mig welder with Bronze Welding capability (recommended)
One 1.5 metre straight edge
One 5 metre steel tape rule
One square
One trammel
One universal three-dimensional measuring System or jig bed including datasheets

(Currently calibrated and made by an industry recognised manufacturer of this equipment)
One qualified tradesperson to three trainees
Orbital sander
Oxy-acetylene plant with cutting equipment and approved anti blowback safety device
Panel hammers & dollies
Pop riveting tool
Porta power equipment (minimum 4 tonne)
Portable Power tools (electric or pneumatic)
Power drill
Protective clothing and footwear for employees
Pulling rig and associated clamps (One rig to every three trades persons)
Separate lunchroom, staff wash facilities and lockers
Slide hammer kit
Spot welder equipment
Spot weld removal equipment
Suitable computer protecting jumper equipment
Suitable parts storage areas & bins
Suitable rubbish containers
Two pairs of axle stands per tradesperson
Vacuum cleaner and equipment
Workbench with suitable vices

Technicians carrying out structural repairs must have successfully completed recognised industry training in welding and repair techniques to comply with MTA Bylaw clause 3.2

Battery Specialist

Acid neutralising agent
Adequate fire extinguisher
Adequate range of hand tools
Approved first aid kit (to include treatment for acid burns/eye wash)
Battery carrier
Battery charger (Suitable for calcium batteries)
Battery testing equipment
Hydrometer
If acid is being stored, environmentally compliant storage, safety precautions and signage in place

Meter (amps and volts)
Post moulds and suitable plant
Relevant chemical datasheets
Relevant safety equipment
Soldering bolt or crimper
Spike guarded jumper cables (or booster start-up pack)
Suitable storage/disposal of discarded batteries
Terminal cleaners and pullers

Brake Specialist

Adequate fire extinguisher
Air compressor
Axle Stands (4 minimum)
Battery Charger
Bench & Vice
Bench grinder
Brake bleeding equipment - vacuum/pressure
Brake adjusting tools
Brake fluid water tester
Brake pipe flaring, cutter and bending tools
Brake pressure gauges
Brake relining, counter sinking and riveting equipment
Calliper piston retracting tools
Creeper boards
Disc and drum lathe
Disc rotor micrometre
Drum brake adjusting tool and brake spring pliers
Drilling machines (portable & fixed)
Drum diameter micrometre
Dust extraction equipment
First aid kit

Hoist (2 post] or ramp or pit
Inspection lamp
Measuring tools: vernier/calliper/dial gauge
Multimetre
Parts wash - environmentally compliant
Portable brake wash equipment
Proof of access to a brake Roller tester for vehicles >3.5 tonnes
Proof of access to data
Range of hand tools
Radius grinder
Range of pullers
Relevant safety equipment
Scan tool
Tap and die set
Torque wrench
Trolley jack
Vacuum gauge
Wash bath
Welding equipment
Wheel Cylinder hone

Engine Reconditioner Specialist

Adequate fire extinguisher
Compression tester
Conrod aligning equipment
Conrod hone
Crack testing equipment, magnetic particle with light and dye penetrant
Cylinder boring equipment, overhead and portable
Cylinder head straightening equipment
Cylinder honing and deglazing equipment
Hardness tester
Head shop machine
Helicoil and thread repair equipment
Hot and cold cleaning baths, parts washer cabinet, in suitable bay
Line borer
2 tonne floor crane
Lathes
Lifting equipment, chain hoist, hydraulic lifting tables

Linishing belt
Micrometres and depth gauges
Overhead surface grinder/Mill
Parts wash - environmentally compliant
Pin fitting equipment, i.e., hone or fine borer
Pressure test equipment
Proof of access to crankshaft grinding machine
Relevant safety equipment
Suitable range of hand tools
Twenty-five tonne hydraulic press
Vacuum test equipment
Valve guide machine
Valve insert machine
Valve refacing machine
Valve seat facing machine
Welding Bay, Mig, Tig and OXyacetylene

Exhaust Specialist

Access to relevant WoF information
Adequate fire extinguisher
Adequate range of hand tools
Approved first aid kit
Angle grinder
Battery spike guard
Bench and vice

Bench grinder
Compressor
Cut-off saw
Drilling machines
Hoist
Inspection lamp
Finisher

Relevant safety equipment
Tap and die sets

Tube bender
Welding equipment

Heavy Vehicle Repairer

The following list covers Trucks, Buses and Agricultural and Contracting equipment

Access to relevant literature
Adequate range of hand tools
Adequate range of pullers
(Hydraulic and mechanical)
Adequate Torsion wrenches
Air compressor
Air service tyre pressure gauge
(reading up to 120 psi)
Approved first aid kit
Axle stands
Battery charging plant
Battery test equipment
Bench and vices
Bench grinder
Cooling System pressure test equipment
Creeper boards
Drill Press
Dual Wheel trolley (Truck and bus only)
Electrical test equipment - Multimetre

Fire Extinguisher
Heavy Duty jumper leads
Heavy Duty Press
Heavy duty transmission jack
Hoist/Ramp/Pit (Truck and Bus only)
Light alignment equipment
Lubricating equipment
Measures - Oil
Portable inspection lamp
Personal Protection Equipment
Proof of access to a scan tool
Range of hub nut sockets
Safety props
Suitable lifting equipment
Taps and dies
Test gauges
Vernier gauge
Welding equipment

Independent Vehicle Testing Station

A brake test instrument roller brake machine)
permanently mounted in or on the floor as
approved in the in Service VIRM
Adequate fire extinguisher
Adequate lighting facility
Adequate range of hand tools
Approved first aid kit
Approved headlamp or beam setting equipment

Garage Jack
Glazing VLT Meter
NZTA authorisation to issue WoF's
Portable handheld inspection lamps
Relevant safety equipment
Suitable Hoist or pit
Up to date copy of the Inservice VIRM

Lubrication Specialist equipment List

Adequate fire extinguisher
Adequate range of hand tools
Air compressor
Air service tyre pressure gauge
Approved first aid kit
Bench and vice
Brake Fluid tester
Coolant tester (dip strip)
Coolant System pressure testing equipment
Data System for manual resetting
Oil Removal De Vac pump
Drilling machine (cordless/power)

Hoist/pit
Lubricating equipment
Measures - Oil
Portable inspection lamps
Power steering flush machine
Relevant safety equipment
Scan tool
Spike guarded jumper leads
Taps and dies
Transmission flush machine
Vernier gauge

MTA Non-Structural Body Repairer

Adequate Fire Extinguishers
Adequate range of hand tools
Adequate spill containment
Air compressor and lines
Approved first aid kit
Bench Grinder
Chisel, saw or abrasive cut-off wheel grinder or plasma cutter
Corrosion protection equipment
Creeper board
Disc sanders (large and small)
Electrical Welding Spike Protector
Engine Removal Equipment (outwork acceptable)
Floor Jack (1.5 tonne minimum) (one jack to every three trades persons)
Headlamp aligning facility
Isolating transformer or isolating for power equipment
Lead lights or suitable lighting system
Mig welder (one welder to every three trades persons)
One 1.5 metre straight edge
One 5 metre steel tape rule

One square
One trammel
Orbital sander
Oxy-acetylene plant with cutting equipment and approved anti blowback safety device
Panel hammers & dollies
Pop riveting tool
Porta power equipment (minimum 4 tonne)
Portable Power tools (electric or pneumatic)
Power drill
Protective clothing and footwear for employees
Pulling rig and associated clamps (One rig to every three tradespersons)
Separate lunchroom, staff wash facilities and lockers
Slide hammer kit
Spot weld removal equipment
Suitable computer protecting jumper equipment
Suitable parts storage areas & bins
Suitable rubbish containers
Two pairs of axle stands per tradesperson
Vacuum cleaner and equipment
Workbench with suitable vices

Motorcycle Repairer

Adequate range of hand tools
Adequate range of pullers
Air compressor
Amp meter
Approved first aid kit
Battery charging plant
Bench and vices
Bench grinder
Cleaning Equipment
Cylinder hones
Drilling machines - portable & fixed
Electrical test equip - multimeter
Factory Service Tools for franchise/s held
Fire extinguisher
Greasing equipment
Hydrometer

Preferred but not essential

Power or mechanical press

Light testing equipment
Measures - oil
Motorcycle Stands
Portable inspection lamps
Safety Equipment (safety goggles, earmuffs)
Soldering equipment
Taps and dies
Timing light
Torsion wrench
Tube bath
Tyre changing equipment
Valve lifters
Valve tools
Vernier gauge
Welding equipment

Approved brake test meter (WOF only)

Radiator Specialist

Adequate fire extinguishers
Air compressor
Air equipment
Approved first aid kit
Bench and vices
Bench grinder
Buff
Core rodding equipment
Gas welding plant
Paint Facility Meeting OSH Standards

Protective equipment (gloves, aprons, goggles]
Radiator jig
Radiator pipe expansion plugs
Radiator pressure tester
Radiator reverse flush gun
Relevant safety equipment
Soldering equipment
Tank crimping tool
Ventilation equipment
Water bath

Tow Truck Operator

Ancillary emergency warning devices, i.e., approved revolving beacon, flashing lamps, torch "accident" warning signs, and safety cones
Appropriate class licence for vehicle driver
Approved first aid kit
Available safe and suitable storage for salvaged vehicles
Broom
Dangerous goods licence for heavy vehicle recovery (Preferred]
New Zealand Safety Standard approved fire extinguishers
Relevant safety equipment
Rear light board (Heavy vehicles]
RT/GPS (optional]
Shovel
Spike guarded jumper leads

Suitable selection of hand tools
Unlock kit (optional]
Vehicle recovery license (NZ Transport Agency]
Suitable lifting equipment to transport vehicle of minimum weight 2,000kg, i.e., at least on one of the following lifting equipment types: Hook truck, Tray truck, Underlift truck, Underlift cradle, Dolly wheels
All Tow trucks must display on the dash Name/Address/Contact details of the company clearly visible for passengers
Current vehicle certificate of fitness
Tow trucks must display the address of the yard/based on the doors
Vehicle recovery licence or Transport Service licence must be displayed on the RH corner of the Windscreen

Transmission Specialist

Adequate fire extinguishers
Air compressor
Aligning/bush installing and removing tools
Auto trans pressure gauge set
Axle stands (4 minimum]
Battery charger
Bench & vice
Bench grinder
Creeper boards (If no hoist, ramp or pit]
Drilling machines (portable & fixed]
Electrical test equip. - multimeter
Engine support system
First aid kit
Hoist (2 post] or ramp or pit (Optional]
Inspection lamp
Jumper leads
Measuring tools:
micrometre/vernier/callipers/dial gauge

Oil and removing/installing/storage equipment
Parts wash (Environmentally compliant]
Press
Proof of access to data
Scan tool
Proof of access to welding equipment
Range of hand tools
Range of pullers
Range of specialised transmission tools
Relevant safety equipment
Tap and die set
Torque wrenches
Transmission/oil cooler flushing equipment
Transmission jack
Transmission stand/table (Optional]
Transmission rebuild area
Trolley jack
Vacuum gauge

Tyre Specialist

Access to relevant WoF information Adequate fire extinguisher
Air compressor Approved first aid kit Axle stands
Buffer Garage jacks
Pneumatic platform hoist Puncture repair equipment Rubber hammer
Relevant Safety equipment Torque wrench
Proof of access to a Scan tool - steering angle sensor

Tubeless repair kit
Tyre bead shock hammer
Tyre changer suitable for run flat/low profile tyres
Tyre inflation charts Tyre lever
Tyre pressure gauges
Tyre safety cage (for businesses servicing split rim wheels)
Tyre spreader Valve tools Water bath Wheel balance
Work bench and vice

Windscreen Specialist

Adequate fire extinguisher
Adequate range of hand tools
Approved first aid kit
Bonnet/guard covers
Cleaning solvent/rags
Corking gun
Glass cutter and pliers
Moulding and clip removal tools
Relevant Glazing Rule & Repair Standards

Ruler and marker pens
Safety goggles and gloves
Sealer/urethane screen cutters (Cold cut knife or piano wire)
2 Swivel head Josters/suckers
Undercoat paint brushes
Vacuum cleaner
Windscreen stand