

TRADE: Mechanic Motor Vehicle

LIST OF TOOLS & EQUIPMNT

A. TRAINEES TOOL KIT per 4 Trainees FOR 20 TRAINEES +1 ISTRUCTOR

Sl.No.	Item with specification
1.	Allen Key set of 12 pieces (2mm to 14mm)
2.	Caliper inside 15 cm Spring
3.	Calipers outside 15 cm spring
4.	Center Punch 10 mm. Dia. x 100 mm.
5.	Dividers 15 cm Spring
6.	Electrician Screw Driver 250mm
7.	Hammer ball peen 0.5 kg with handle
8.	Hands file 20 cm. Second cut flat
9.	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)
10.	Pliers combination 20 cm.
11.	Screw driver 20cm.X 9mm. Blade
12.	Screw driver 30 cm. X 9 mm. Blade
13.	Scriber 15 cm
14.	Spanner D.E. set of 12 pieces (6mm to 32mm)
15.	Spanner, ring set of 12 metric sizes 6 to 32 mm.
16.	Spanners socket with speed handle, T-bar, ratchet and universal upto 32mm set of 28 pieces with box
17.	Steel rule 30 cm inch and metric
18.	Steel tool box with lock and key (folding type) 400x200x150 mm
19.	Wire cutter and stripper

B. Tools Instruments and General Shop outfits

Sl.No.	Item with specification
1.	AC alternator slip ring puller
2.	Adjustable spanner (pipe wrench 350 mm)
3.	Air blow gun with standard accessories
4.	Air Brake Assembly
5.	Air impact wrench with standard accessories
6.	Air ratchet with standard accessories
7.	Allen Key set of 12 pieces (2mm to 14mm)
8.	Alternator assembly used for LMV
9.	Ammeter 300A/ 60A DC with external shunt
10.	Angle plate adjustable 250x150x175
11.	Angle plate size 200x100x200mm
12.	Anti theft device
13.	Anvil 50 Kgs with Stand
14.	Auto Electrical test bench
15.	Battery –charger
16.	Belt Tensioner gauge
17.	Blow Lamp 1 litre
18.	Caliper inside 15 cm Spring
19.	Calipers outside 15 cm spring
20.	Car Jet washer with standard accessories

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21.	Carburetor – Solex, Mikuny for dismantling and assembling
22.	Carburetor repair tool kit
23.	Chain Pulley Block-3 ton capacity with tripod stand
24.	Chisel 10 cm flat
25.	Chisels cross cut 200 mm X 6mm
26.	Circlip pliers Expanding and contracting type 15cm and 20cm each
27.	Clamps C 100mm
28.	Clamps C 150mm
29.	Clamps C 200mm
30.	Cleaning tray 45x30 cm.
31.	Coil spring compressor for suspension spring
32.	Compression testing gauge suitable for diesel Engine with standard accessories
33.	Connecting rod alignment fixture
35.	Copper bit soldering iron 0.25 Kg
44.	Cylinder liner- Dry & wet liner, press fit & slidefit liner
45.	DC Ohmmeter 0 to 300 Ohms, mid scales at 20 Ohms
49.	Depth micrometer 0-25mm
50.	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)
55.	Dividers 15 cm Spring
56.	Drift Punch Copper 15 Cm
57.	Drill point angle gauge
58.	Drill twist 1.5 mm to 15 mm (various sizes) by 0.5 mm
59.	Drum brake assembly
60.	Electric Soldering Iron 230 V 60 watts 230 V 25 watts
61.	Electric testing screw driver
62.	Engineer's square 15 cm. Blade
63.	Engineers stethoscope
64.	Executive Auto Electrical tool kit
65.	Feeler gauge 20 blades (metric)

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66.	File flat 20 cm bastard
67.	File, half round 20 cm second cut
68.	File, Square 20 cm second cut
69.	File, Square 30 cm round
70.	File, triangular 15 cm second cut
71.	Files assorted sizes and types including safe edge file (20 Nos)
72.	Flat File 25 cm second cut
73.	Flat File 35 cm bastard
80.	Functional/experiment model of different type of sensors.
82.	Gloves for Welding (Leather and Asbestos)
83.	Glow plug tester
84.	Granite surface plate 1600 x 1000 with stand and cover
85.	Grease Gun
86.	Grease Gun heavy duty trolley type 10 kg capacity
87.	Growler
88.	Hacksaw frame adjustable 20-30 cm
89.	Hammer Ball Peen 0.75 Kg
90.	Hammer Chipping 0.25 Kg
91.	Hammer copper 1 Kg with handle
92.	Hammer Mallet
93.	Hammer Plastic
94.	Hand operated crimping tool (i) for crimping up to 4mm and (ii) for crimping up to 10mm
95.	Hand reamers adjustable 10.5 to 11.25 mm, 11.25 to 12.75 mm, 12.75 to 14.25 mm and 14.25 to 15.75 mm
96.	Hand Shear Universal 250mm
97.	Hand vice – 37 mm
98.	Hollow Punch set of seven pieces 6mm to 15mm
99.	Horn and Horn relay
100.	Impact screw driver
101.	Injector – Multi hole type, Pintle type
102.	Injector cleaning unit
103.	Injector testing set (Hand tester)
104.	Insulated Screw driver 20 cm x 9mm blade
105.	Insulated Screw driver 30 cm x 9mm blade
106.	Left cut snips 250mm
108.	Magneto spanner set with 8 spanners
109.	Magnifying glass 75mm

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110.	Marking out table 90X60X90 cm.
111.	Multimeter digital
112.	Multi-point fuel injection pump
113.	Oil can 0.5/0.25 liter capacity
114.	Oil pump for dismantling and assembling.
115.	Oil Stone 15 cm x 5 cm x 2.5 cm
117.	Outside micrometer 0 to 25 mm
118.	Outside micrometer 25 to 50 mm
119.	Outside micrometer 50 to 75 mm
120.	Outside micrometer 75 to 100 mm
121.	Petrol nozzle
122.	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)
123.	Pipe cutting tool
124.	Pipe flaring tool
125.	Piston ring compressor
126.	Piston Ring expander and remover.
127.	Piston Ring groove cleaner.
128.	Pliers combination 20 cm.
129.	Pliers flat nose 15 cm
130.	Pliers round nose 15 cm
131.	Pliers side cutting 15 cm
132.	Portable electric drill Machine
133.	Prick Punch 15 cm
134.	Punch Letter 4mm (Number)
135.	Radiator cut section-cross flow
136.	Radiator cut section-down flow
137.	Radiator pressure cap
139.	Right cut snips 250mm
140.	Rivet sets snap and Dolly combined 3mm, 4mm, 6mm
141.	Scraper flat 25 cm
142.	Scraper half round 25 cm
143.	Scraper Triangular 25 cm
144.	Scriber 15 cm
145.	Scriber with scribing black universal
146.	Set of stock and dies – Metric
147.	Shear Tin Man's 450 mm x 600mm
148.	Sheet Metal Gauge
149.	Sher Tinmans 300mm
150.	Soldering Copper Hatchet type 500gms
151.	Solid Parallels in pairs (Different size) in Metric
152.	Spanner Clyburn 15 cm
153.	Spanner D.E. set of 12 pieces (6mm to 32mm)
154.	Spanner T. flocks for screwing up and up-screwing inaccessible
155.	Spanner, adjustable 15cm.
156.	Spanner, ring set of 12 metric sizes 6 to 32 mm.
157.	Spanners socket with speed handle, T-bar, ratchet and universal upto

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158	Spark lighter
159	Spark plug spanner 14mm x 18mm x Size
161	Steel measuring tape 10 meter in a case
162	Steel rule 15 cm inch and metric
163	Steel rule 30 cm inch and metric
165	Straight edge gauge 2 ft.
166	Straight edge gauge 4 ft.
167	Stud extractor set of 3
168	Stud remover with socket handle
169	Surface gauge with dial test indicator plunger type i.e. 0.01 mm
171	Tachometer (Counting type)
172	Tandem master cylinder with booster
174	Taps and wrenches - metric
176	Temperature gauge with sensor 0-100 deg c
178	Thermostat
179	Thread pitch gauge metric, BSW
180	Timing lighter
182	Torque wrenches 5-35 Nm, 12-68 Nm & 50-225 Nm
183	Trammel 30 cm
184	Turbocharger cut sectional view
185	Tyre pressure gauge with holding nipple
186	Universal puller for removing pulleys, bearings
187	V' Block 75 x 38 mm pair with Clamps
188	Vacuum gauge to read 0 to 760 mm of Hg.
189	Valve Lifter
190	Valve spring compressor universal.
191	vernier caliper 0-300 mm with least count 0.02mm
192	Vice grip pliers
193	Water pump for dismantling and assembling
194	Wheel cylinder
195	Wiper motor assembly
196	Wire Gauge (metric)
197	4 Point relays
198	5 Point relays

C. General Installation/ Machineries

Sl.No.	Item with specification
1	Hand operated Hydraulic press
2	Pipe Bending Machine (Hydraulic type) 12mm to 30mm
3	Pneumatic rivet gun with standard accessories
4	Spring tension tester
5	Tin smiths bench folder 600 x 1.6mm
6	Tube/ tyre vulcanizing machine