

Working with Machines & Materials

7.5. Tool List - Automotive

S. No.	Item	Specifications	Quantity
1	Adjustable Wrench: 10"	10"	4
2	Adjusting Spanner	10"	2
3	Allen Keys	Set of 5: 3mm, 4mm, 5mm, 6mm, 8mm	2
4	Battery Charger		1
5	Circlip Pliers - Internal / External	7"	2
6	Cylinder Bore Gauge with Dial Gauge		1
7	Engine Compression Gauge		1
8	Extension Rod Set	Set of 2: 3" & 6"	2
9	Feeler Gauge	26 blades-0.04 to 0.63 mm	1
10	Funnel with Filter		2
11	Garage Lamp		1
12	Hammer Ball Pein	250 Gm	3
13		500 Gm	3
14	Impact Screw Driver: Imported (For 2-wheeler)		1
15	Jumper Cable	1000 amp	1
16	Locking Plier (Vice Grip Plier)	10"	2
17	Nose Pliers	4"	3
18	Nylon Hammer	25 mm	2
19		40 mm	2
20	Old 2-Wheeler		1
21	Open End Spanner Set:	Set of 10 (different sizes: 6x7, 8x9, 10x11, 18x19, 17x19, 22x27, 27x32)	2

S. No.	Item	Specifications	Quantity
22	Pliers - Combination	6"	3
23	PU Recoil Hose 5 X 8 with Blow Gun:	Pipe	1
24	PU Recoil Hose 8 X 12 with QRC	Pipe	1
25	Ratchet Handle	8"	2
26	Ring Spanner Set	Set of 10 (different sizes: 6x7, 8x9, 10x11...18x19, 17x19, 22x27 & 27x32)	2
27	Screwdriver - Flat	4" (No. 902)	3
28		6" (No. 842)	3
29		8" (No. 862 200)	3
30		10" (No. 826)	3
31		12" (No. 828)	3
32	Screwdriver - Star	4' (No - 860)	3
33		6' (No - 860150)	3
34		8' (No - 833)	3
35		10'	3
36		12'	3
37	Socket Single Hex Set	Set of 10 (different sizes: 8, 10, 12, 13, 14, 17, 19, 22, 27, 32)	2
38	Soldering Iron with 250gm Soldering metal, stand & Stripper		2
39	Spark Plug Socket Wrench: 16 mm	16 mm	2
40	Tyre Pressure Gauge		1
41	T-Spanners	8 mm	2

42	10 mm	2
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***Quantity (for a class of 40 students)**

Furniture

S. No.	Item	Specifications	Quantity
1	Engine/General Work Bench: Overall	Size: L-1200 X W-685 X H- 830 mm, Lockable Drawer	1
2	Hydraulic RAMP:	Top Size: 600 mm x 1800 mm, Working Height: 800 mm, Shut Height: 200 mm, Mode of Working: manually operated. One Hand pump with valve arrangement can be used to operate two ramps	1

***Quantity (for a class of 40 students)**