

PERIODIC CHECKS & SERVICES – WHEELED VEHICLES

Notes:

- *Checks and services mentioned below are just a guideline; however, OEM recommended checks & services (as mentioned in 'Owner's Manual') will be given preference.*
- *All actions of 'Monthly Service' will be repeated in 'Quarterly Service'. Similarly, all tasks of 'Monthly & Quarterly Service' will be repeated in 'Annual Service'.*

Key:

Responsibility

- C** Check for correct functioning/condition Driver
- CR** Check for repair/replacement action Driver assisted by URO/LAD
- E** Execute (if required) Driver assisted by
URO/LAD/Workshop

Serial	Items	Check for	Quarterly
Exterior			
1.	External Body	Dents, scratches	C
2.	Bumpers, Pinttle Hooks, Doors etc.	Correct fitment	C
3.	Tyres	Inflation & condition	C
4.	Tarpaulin	Correct fitment	C
5.	Hatches, Travelling locks etc.	Correct fitment	C
6.	Head Light, Indicator, Stop Light	Correct functionality	C
7.	Wind Screen, Door/Driver Mirror etc.	Correct fitment	C
Driver Cabin			
8.	Gauges/instruments	Correct functionality	C
9.	Brake/Clutch/Accelerator Pedals	Correct functionality	C
10.	Seats, Upholstery	Condition, Fitment	C
11.	Cabin Lights	Correct functionality	C
12.	Heater System	Correct functionality	C
Suspension & Transmission Sys			
13.	Shock Absorber	Oil leakage/damage	C
14.	Steering Gear Box	Mounting for tightness	C
15.	Power Steering	Correct functionality	C
16.	Axle Housing, Axle Shaft	Correct functionality	C

17.	Propeller Shaft, Universal Joint	Correct functionality	C
18.	Transmission Gear Box, Transfer Case	Correct functionality	C
19.	Differential	Correct functionality	C
Brake System			
20.	Brake shoes/linings/drum/disc	Condition/wear	CR
21.	Other brake system components	Condition/wear	C
Fuel System			
22.	Fuel Tank, lines & connections	Leakage	C
23.	Fuel Injector Nozzle/VCV/PCV	Correct function/ leakage	CR
24.	Fuel Injection/Low-High Pressure Pump	Correct function/ leakage	CR
Engine			
25.	Start-up operation	Ease, no unusual noise	C
26.	Assemblies and Belts	Noise, tension & condition	CR
27.	Timing Belt	Tension & condition	CR
28.	Water Pump, Fan/Drive Belts & Pulleys	Functionality & condition	C
29.	Fluids/water	Correct level & condition	CR
30.	Pre-heater/Glow Plugs	Functionality & condition	C
31.	Intake Air Heater	Functionality & condition	C
32.	Hoses of Brake/Clutch Systems	Functionality & condition	C
33.	Engine Mountings	Cracks/Deformation	C
34.	Engine Head Bolts	Tightness	C
35.	Valve Mechanism & Cover Gaskets	Clearance & condition	C
36.	Breather Caps and Ventilators	Functionality & condition	CR
37.	Carburetor	Functionality & condition	C
38.	Fuel/Air/Oil Filters	Cleanliness, leakage, life	CR
39.	Manifold and Heat Control Valves	Functionality & condition	CR
40.	Exhaust pipes & muffler	Leakage/unusual noise	CR
41.	Turbocharger/Variable vane Turbocharger	Leakage/unusual noise	C
42.	Throttle Body & ISC Valve	Leakage/unusual noise	C

43.	Oil/Fuel Level	If due/required	C
Cooling System			
44.	Radiator Core & other sub-assemblies	Clogging, leakage	CR
45.	Cabin Air Conditioning Filter	Cleaning	CR
46.	Oil Cooler and Inter Cooler	Oil condition/level	C
Electrical System			
47.	Electrical Wires	Secure	CR
48.	Spark Plugs and CB Points	Cleaning/adjustment	CR
49.	Distributor cap, Rotor Points, Shaft Advance Units, Coil and Wiring, Ignition Timings	Cleaning/adjustment	CR
50.	Battery	Maintenance action (Annex E)	CR
51.	EFI Sensors/ECU	Correct functionality	C
52.	Self-Starter & Alternator	Correct functionality	CR
53.	Wind Shield Motor & Wiper	Functionality & condition	CR
Specific Periodic Checks/Services			
54.	Start/move within MT park (5-10 Minutes)		
55.	Road Test		2-3 Km
56.	Tool Kit	Complete & serviceable	CR
57.	Documents	Complete	E
58.	On-Board Diagnostic(OBD)	Correct functionality	C
59.	Engine Compression	If due/required	
60.	Lubrication	If due/required	E
61.	Greasing	If due/required	E
62.	Radiator flushing	If due/required	E
63.	Fuel tank flushing	If due/required	E
64.	Brake system Bleeding	If due/required	CR
65.	Wheel Alignment and Balancing	Correctness	C

