

5.1 -ROUTINE MAINTENANCE

FOR SAFETY: When servicing machine all repairs must be performed by an authorized service person. Use manufacturer supplied or approved replacement parts.



WARNING: Disconnect Battery Cables and Unplug Charger Power Cord Before Servicing Machine

CHECK	On delivery	Every 10 hours	Every 50 hours	Every 100 hours	Every 200 hours
Check the battery liquid WET (lead acid) Battery	X	X			
The belts for slackening				X	
Tightness of nuts and screws			X		
The brushes for wear			X		
The gaskets for wear and leakages		X			
If all the functions are in working order	X	X	X	X	
Replace the filter					X



Fig.5.2.1

5.2 -BATTERY MAINTENANCE

The battery must be kept clean and dry. Keep the terminals and poles clean. For Wet (lead acid) Battery - Every 10 hours, remove the caps and check the electrolyte level. If necessary add distilled water. The battery should be serviced in a properly ventilated area. During this procedure, do not expose the battery to open flames and do not smoke.

Notice : If you machine is equipped with the Tennant GEL battery (p/n 10226610), do not remove the battery caps and add water. This is a Maintenance Free battery.

The battery runtime should last about 3 hours; if you notice that it is much shorter, check that:

- the brushes are not obstructed;
- the battery is completely charged.

5.2.1 -Battery recharge

The length of time the battery charge lasts will depend on its routine maintenance and on its discharge level. Do not allow the battery charge to drop below the limit signalled by the indicator lights **pos.4 Fig.3**. Once the max. discharge level has been reached, the machine stops and must be recharged in order to restart working.

Machine Panel Charge Indicator Lights

Green light: The battery is charged.

Yellow light: The battery is running out; recharge as soon as possible.

Red Light: The battery has run out. DO NOT continue to operate the machine, recharge immediately.

To Recharge Battery:



WARNING: Batteries Emit Hydrogen Gas. Keep Sparks And Open Flame Away. Keep Battery Compartment Open When Charging.

WET(lead acid) Battery - Before recharging, check the electrolyte level in each cell. If necessary add distilled water.

FOR SAFETY: When Servicing machine avoid contact with battery acid. Wear protective gloves and eye protection when handling batteries or battery cable.

1. Park machine in a well-ventilated area.
2. With the machine turned off, connect battery charger cord (**Fig. 5.2.1.**). Make sure the rated input voltage of the charger suits the available supply voltage.
3. Before charging, make sure battery charger settings are properly set. The battery charger is factory set for a sealed (GEL) battery. (See 5.3 CHARGER SETTINGS).
4. If the battery charger detects a problem, the charger will display an error code (See 5.4 CHARGER TROUBLESHOOTING AND ERROR CODES).
5. Once the charging cycle begins, the charger's indicator LED lights will progress from the red, yellow to green. At the end of the charge cycle, when the green indicator is on, disconnect the charger cord.



WARNING: Never disconnect the battery while charging. This could cause a spark.