

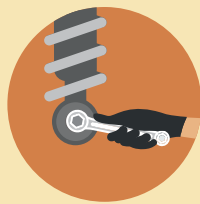


HDK ELECTRIC VEHICLES

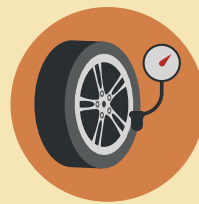
Basic Tools For Service An Evolution Electric Cart
ESSENTIAL SERVICE TOOLS
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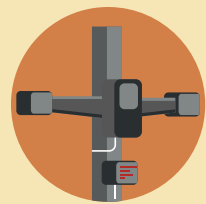
Diagnostics



Repairs



Tire pressure



Wheel alignment angles



PURPOSES OF SERVICE TOOLS

The service tools had the target to simplify the work and make it better suitable for service technician. The adapted tools allow companies/organizations to take the step to use tools for service and maintenance.

Purposes Of Service Tools>

- Volume of work that can be planned and scheduled repetitively
- Vehicle reliability and uptime
- Focus On the Correction as well as The Inspection
- Repair of defects found by examination
- Component reconditioning
- Programmed overhauls at fixed intervals
- Adjustments
- Testing
- Reductions in the total cost of maintenance/repairing
- Fewer urgent and emergency interruptions to operations due to vehicle breakdowns
- Level workloads and a stabilized work force
- Reductions in the total labor needed to maintain vehicle in the required condition
- Controlled reductions in the inventory of materials and spare parts
- Increases in the volume of work that can be planned and scheduled repetitively, and a decrease in high priority, randomly occurring and unscheduled work
- Reduced unnecessary damage to the vehicles

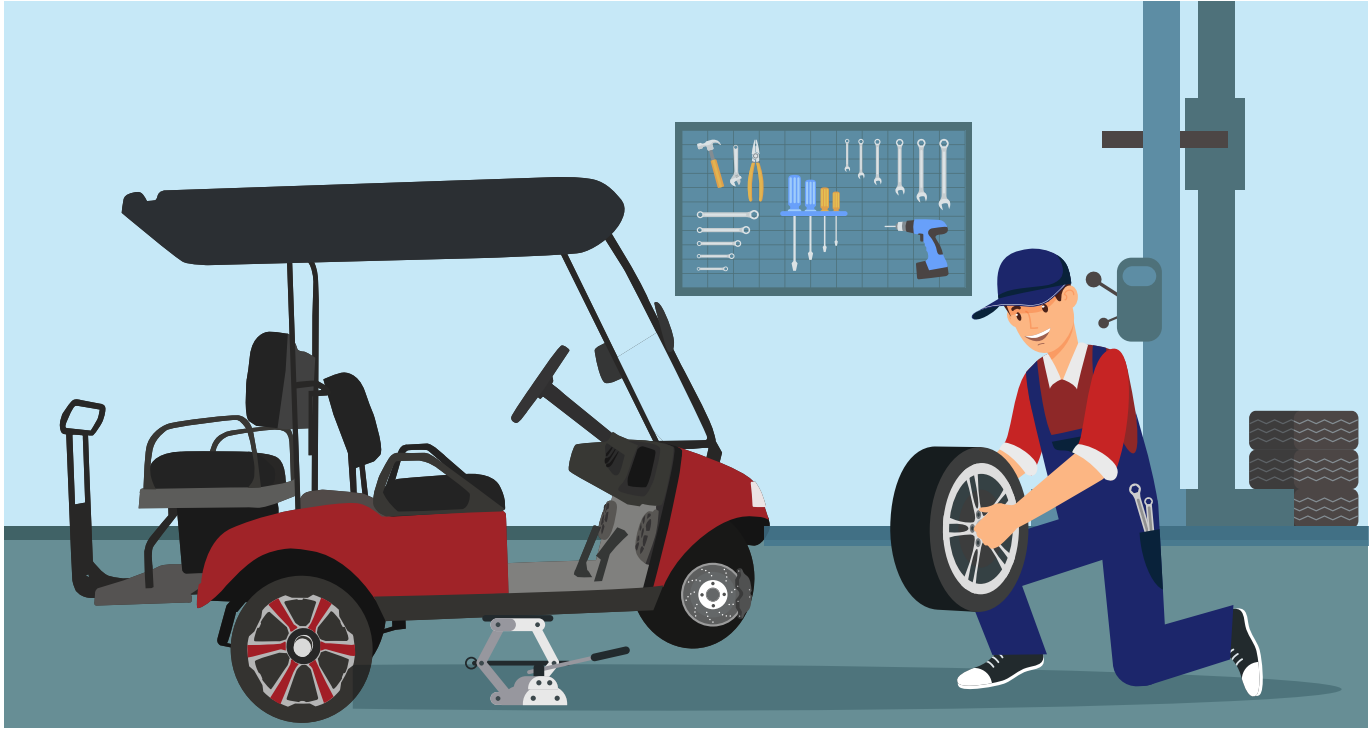
Service Tools Decrease>

- Scrap and reject costs
- Downtime costs
- Cost of lost sales volume
- Total cost of maintenance
- Urgent or emergency interrupts due to breakdowns
- Unnecessary damage to equipment
- High priority, randomly occurring unscheduled work
- Material and spare parts inventories
- Total labor required to maintain the facility

Indicators of Ineffective Service Tools>

- Low vehicle utilization due to unscheduled stoppages
- High wait or idle time for vehicle owner during outages
- Higher than normal repair costs due to neglect of proper lubrication, inspections or service.
- Decrease in the expected life of capital investments due to inadequate service tools

ESSENTIAL SERVICE TOOLS



1. Metric Socket/Wrench Tool Set



2. Three-Jaw Puller



3. Impact Wrench



4. Wheel Jack

ESSENTIAL SERVICE TOOLS



5. Insulated Gloves



6. Insulated Wrench



7. Clamp Ammeter



8. Multimeter

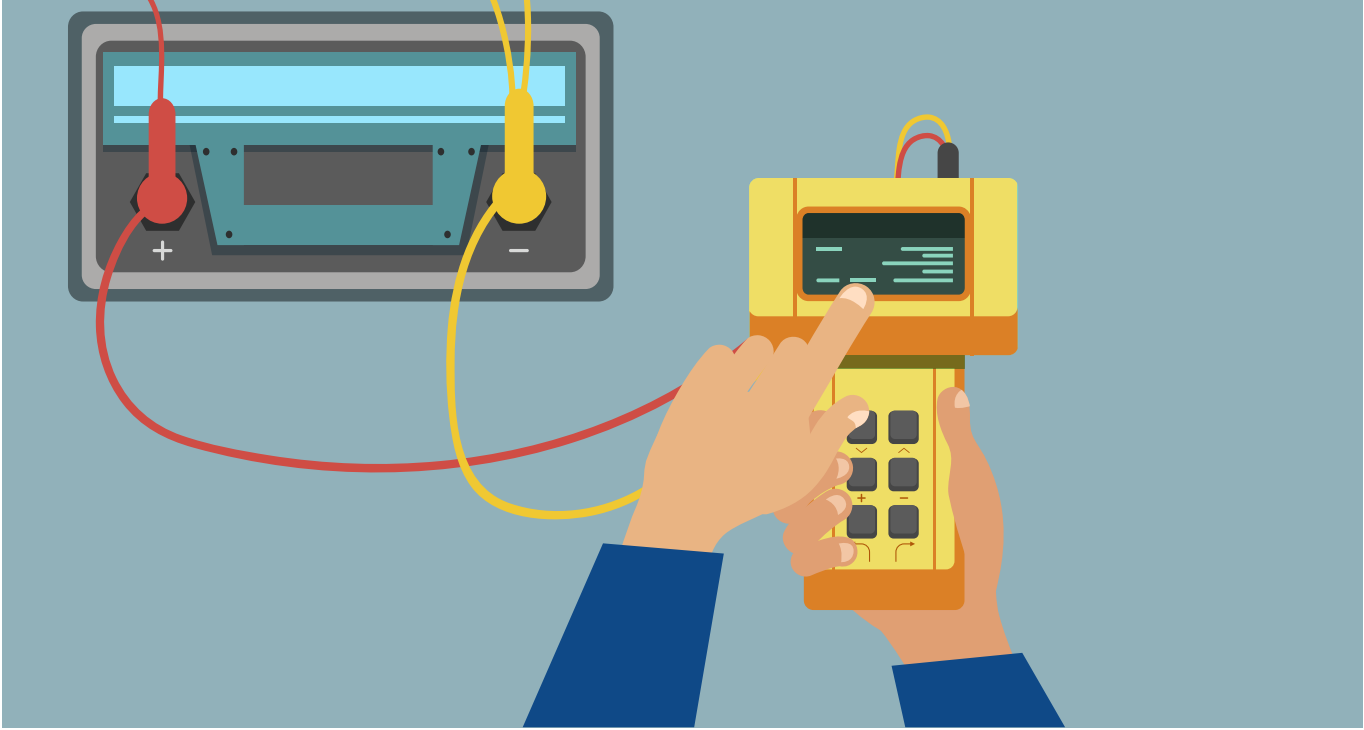


9. Hand-handle Crane



10. Service interface cable for EV48-400 Evolution

ESSENTIAL SERVICE TOOLS



11. Curtis 1313 Handheld Programmer



12. Curtis 1309 USB Interface Box



13. Lithium Battery Firmware Downloader



14. 48V Charger Firmware Downloader



15. Lithium Battery Resistance Meter



16. Lithium Battery Cell Balancing Device