

Scope of work

Atlas Car Product Line/ Traction Motor Service

(10) Quantity

GE263 Armature Assembly basic overhaul repair: Basic overhaul repair scope consisting of: Material and labor for the following repairs. Inspect mechanical fit and record results. Replace armature coils VPI impregnate and bake armature with resin. Replace commutator with new. Computerized Dynamic balancing armature Provide test result and vibration documentation. Shrink wrap and prepare for shipping.

(10) Quantity

Saminco Motor basic overhaul repair: Basic overhaul repair scope consisting of: Material and labor for the following repairs. 1) Visual inspection. 2) Dismantle and inspect for missing parts. 3) Steam clean frame and armature in non-caustic solution. 4) Bake stator frame and armature in oven 8-12 hours. 5) Cool down and perform all electrical checks [i.e. surge, hi-pot & voltage drop] 6) Perform dimensional and mechanical checks - stator frame, armature shaft, bearing housings, pinion, and related parts. 7) Inspect lead lugs. 8) Furnish & install new external leads 9) Detail analysis for repair of traction motor according to OEM standards. 10) VPI Impregnate and bake armature and frame with class 200° C epoxy Resin. 11) Turn and undercut commutator. 12) Balance armature on computerized balancing machine. 13) Check commutator run out using a digital profiler. 14) Furnish and install all gaskets. 15) Furnish and install new bearings on armature. 16) Furnish and install new external leads and grommets. 17) Prepare stator frame to receive armature. 18) Furnish and install remanufactured brush holders. 19) Furnish and install new brushes. 20) Assemble unit 21) Seat all brushes and check clearance. 22) Test run - One (1) hour [30 minutes in each direction, checking bearing temperature and stone commutator]. 23) Replace old rubber lead bushings with new. 24) Paint Motor. 25) Shrink wrap and prepare for shipping.

Lead Time: _____

Shipping included

Warranty Irwin's standard one (1) year warranty against defects in material and workmanship will apply, with individual OEM warranties covering all commercial components. The warranty will begin the day of delivery on the customer site. The warranty does not cover damage inflicted during transportation, unloading, ECT, or through misuse of equipment.

Optional:

This contract can be renewed for an additional 1 year terms