

## DC Motor/Generator Reconditioning Spec Sheet

1. Initial / Incoming tests
2. Remove additional equipment (tach, pulley etc.)
3. Dismantle basic unit
4. Analyze
5. Clean armature, field frame and brush holders
6. Bake armature, field frame and brush holder (to dry)
7. Clean parts (end frames, bearing caps, bolts, etc.)
8. Test armature, field frame & brush holder Megger check, A.C. / D.C. Hypot, volt drop field frame, Surge test & bar to bar test armature (EASA SPECIFICATIONS) <sup>2</sup>
9. VPI or dip and bake field frame or armature if required
10. Inspect, measure and record all mechanical fits (bearing housing, shaft surfaces)
11. Mechanical repairs if necessary (per quote)<sup>1</sup>
12. Turn & undercut commutator – armature
13. Balance armature (EASA SPECIFICATIONS)
14. Prime and paint all parts
15. Assemble basic unit
16. Replace carbon brushes (As Per Quote)
17. Replace bearings (As Per Quote)
18. Install additional equipment
19. Final test, no load and load
20. Paint unit
21. Pickup and delivery included
22. 2 Year Warranty on parts, labor, workmanship and materials<sup>2</sup>

<sup>1</sup>Any major mechanical or electrical repairs over and above reconditioning specifications would be an additional charge. Matlock would notify you of any additional work that was required and the cost of this work before proceeding. <sup>2</sup>Original windings not covered by warranty.

Your motor is ready to go back into operation from the moment it leaves our shop.



# DC Motors

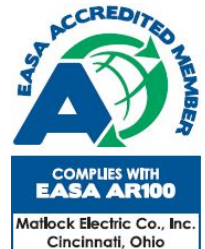
## Remanufacturing



### DC Motor/Generator Remanufacturing Spec Sheet

1. Initial / Incoming tests
2. Remove additional equipment (tach, pulley etc.)
3. Dismantle basic unit
4. Analyze
5. Clean armature, field frame and brush holders
6. Bake armature, field frame and brush holder (to dry)
7. Clean parts (end frames, bearing caps, bolts, etc.)
8. Test armature, field frame & brush holder Megger check, A.C. / D.C. Hypot, volt drop field frame, Surge test & bar to bar test armature (EASA STANDARDS)
9. Rewind field frame and/or armature
10. Recondition field frame and / or armature<sup>2</sup>
11. VPI or dip and bake field frame or armature if required
12. Inspect, measure and record all mechanical fits (bearing housing, shaft surfaces)
13. Mechanical repairs if necessary (per quote)<sup>1</sup>
14. Turn & undercut commutator - Armature
15. Balance armature to EASA specifications
16. Prime and paint all parts
17. Assemble basic unit
18. Install new motor brushes (per quote)
19. Install new bearings (per quote)
20. Install additional equipment
21. Final test, no load and full load
22. Paint unit
23. Pickup and delivery included
24. 3 Year Warranty - labor, workmanship and materials<sup>2</sup>

<sup>1</sup>Any major mechanical or electrical repairs over and above remanufacturing specifications would be an additional charge. Matlock would notify you of any additional work that was required and the cost of this work before proceeding. <sup>2</sup>Original windings not covered by warranty.



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