



Crown
Certified
reNEWed
Parts

Remanufactured Motor Program

3 times
longer life...
greater
cost
savings



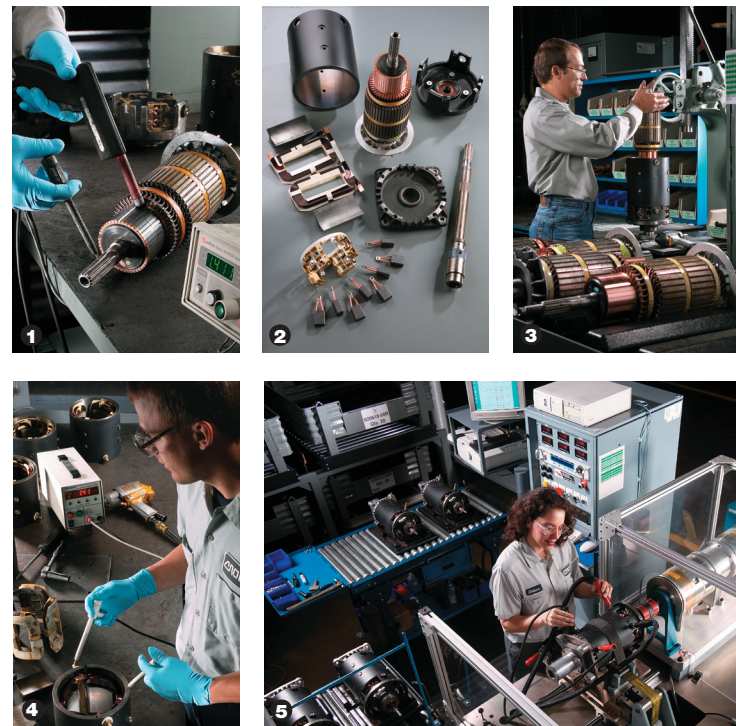
We don't just rebuild motors... We reNEW them.

We do more!

Considering that a typical “rebuilt” motor lasts about six months, and you can expect a **Crown remanufactured, reNEWed motor to last three times longer or more, you gain unbeatable performance and significant cost savings.**

Crown’s motivation for offering a remanufactured program is simple: our customers expect value – through reliability, performance and operator productivity. Also offering New Crown Integrity Parts®, we can ensure that our customers’ investment in Crown products continues to be a sound one.

There’s a major difference between **reNEWed** motors available from Crown and rebuilt motors available from “motor shops” or other sources. Rebuilt motors are rarely built to meet our tough standards. They may compromise the performance of your lift truck and increase your total cost of ownership.



Critical Inspection and Verification

① Using state-of-the-art equipment, each component on every motor is inspected for wear or failure based on original equipment (OEM) specifications prior to remanufacturing.

Component Recondition or Replacement

② If required, components are reconditioned or replaced with New Crown Integrity Parts.

③ Most motor rebuilders attempt to recondition faulty armatures because they are expensive to replace. At Crown, we find that more than half of the armatures we inspect cannot be rebuilt to original performance specifications. They require replacement with a new Crown armature.

④ The frame and field assembly is checked for its electrical integrity. If shorted or grounded, coils are removed and insulated or replaced. Unlike “rebuilders,” all of our assemblies are then flooded with insulating resin.

Rigorous Performance Testing

⑤ After final assembly, every Crown motor is load tested using a state-of-the-art dynamometer to ensure maximum performance and OE quality. That’s why we’re the only remanufacturer to offer a **full, one-year warranty.**

Your performance is our motivation. So why compromise the performance of your lift truck by installing a rebuilt motor, when you can be assured that a Crown **reNEWed** motor meets original equipment specifications?

See for yourself

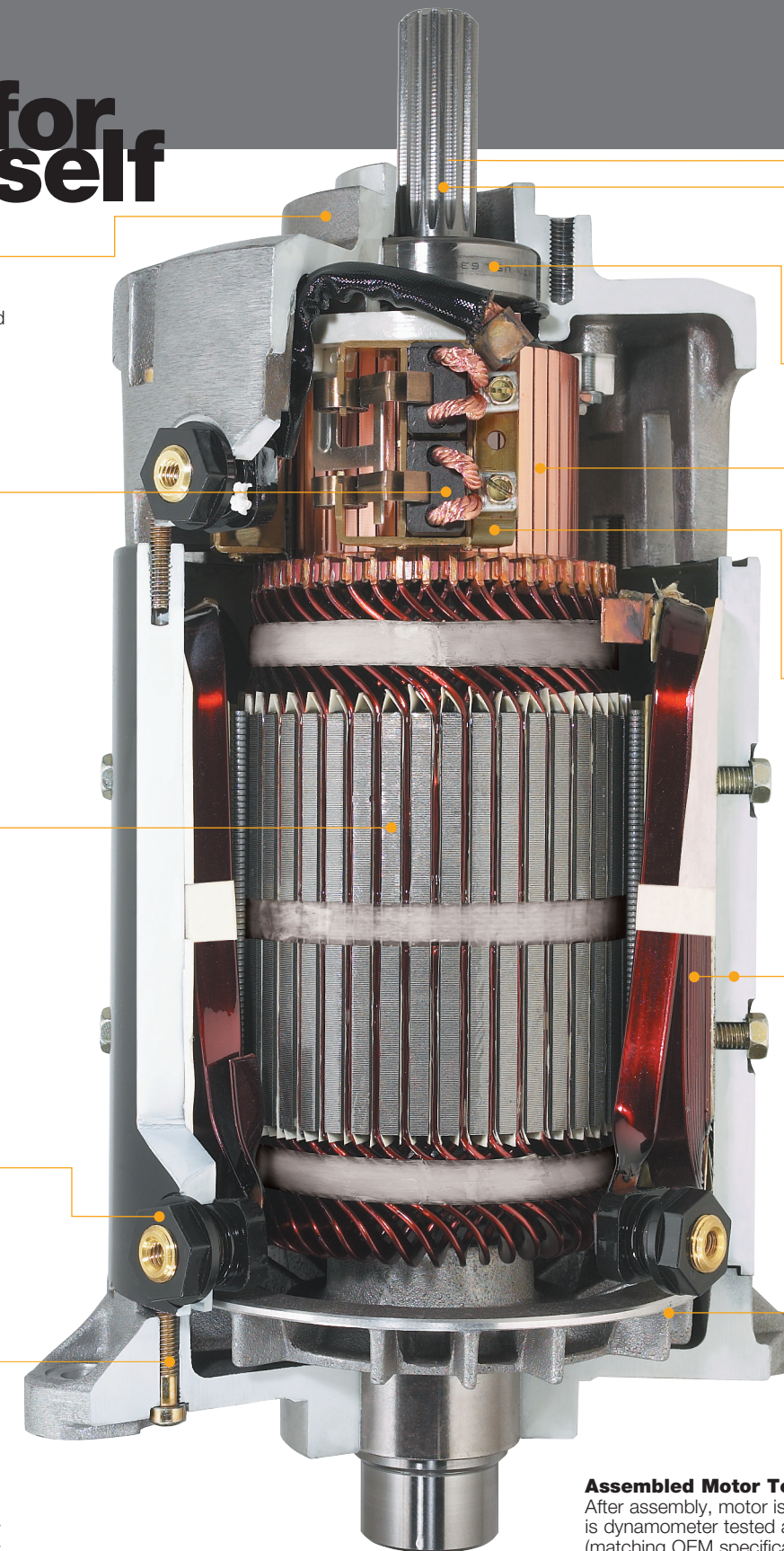
End Heads, Commutator and Drive
Bearing bores are inspected for wear/damage and repaired/replaced with New Crown Integrity Parts. This ensures alignment and improves efficiency/horsepower.

Brushes
Replaced with New Crown Integrity Parts to ensure proper commutation.

Armature
Replaced with New Crown Integrity Parts if it fails ground and short tests. All armatures are balanced to ensure longer life.

Insulators
All are checked for cracks or damage and replaced with New Crown Integrity Parts if necessary.

Mounting Hardware
All hardware replaced with New Crown Integrity Parts to ensure proper torque – resulting in less vibration for improved structural integrity.



Shaft
Inspected for wear/damage and replaced if necessary with New Crown Integrity Parts – ensures proper spline/gear mesh.

Bearings/Seals
All bearings/seals replaced with New Crown Integrity Parts.

Commutator
reNEWed and trued to bearing journals. Armature replaced if finished commutator diameter fails to meet minimum requirements.

Brush Box Assembly
Checked for looseness/proper spring pressure and replaced with New Crown Integrity Parts if necessary, resulting in less brush chatter/vibration, and improving commutator and brush life.

Frame and Field Assembly
Checked for grounds and replaced with New Crown Integrity Parts if necessary; all assemblies are reflooded with insulating resin to maintain tight coil to frame fit.

Fan
Inspected and replaced as necessary with New Crown Integrity Parts to ensure peak airflow and maximize performance.

Assembled Motor Testing
After assembly, motor is tested again for grounds and is dynamometer tested at three voltage/torque points (matching OEM specifications) to verify performance.





Longer life, lower cost!

Why compromise?

Keep your Crown lift truck performing like a Crown.
Replace all parts with Crown Integrity Parts.
For more information, call your local Crown
dealer today.

CROWN

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