



Rebuilt Caterpillar® 211-8175 Actuators

Applications: G3500 & G3600 series Engines

Detailed Scope of Rebuild:

- All threads and entire body of the device are inspected for any visible damage
- All internal wear surfaces are bore gauged and checked for proper size, and to ensure that the cylinder taper is within specifications. We replace the shaft/piston if needed.
- All internal O-rings and seals are replaced using an upgraded gasket set.
- We use an upgraded top seal on the main shaft/piston
- After the rebuilding phase, we then perform our full function tests (as detailed below)

Testing Phase:

- We operate a full function check of the electric-hydraulic servo
- Our test machine performs a hi-pot (high potential) test of the electrical parts of the device
- A ohms/shorted turns test is then completed
- A complete operational test is then executed, which cycles the servo for a long enough period of time to determine that the actuator is functioning properly and not leaking
- A final high pressure static leak test is performed to doubly ensure the actuator is holding pressure and not allowing oil to seep past the seals.



P.N. ACT-8175-R

Caterpillar® Ref: 211-8175, 10R-6341



4618 Airpark Blvd. Duluth, MN 55811

sales@tripowertrading.com

(TF) 877-239-2491

(O) 218-727-4220