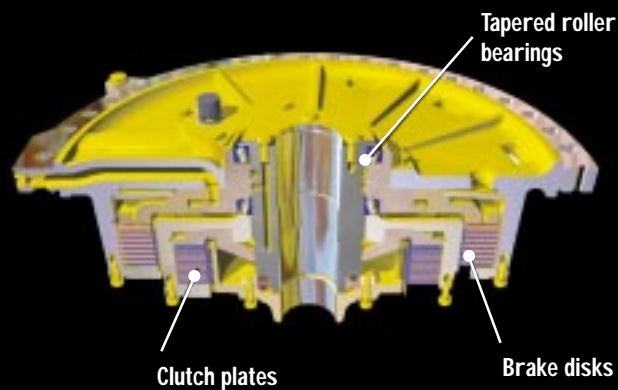


Steering Clutch and Brake Groups



Built to meet your drive train's demands and lower your costs through remanufacturing

Caterpillar® drive train components work as a system to deliver reliable performance and long life—while enduring incredible torque, high-impact loads, and frequent direction and gear changes. To meet these demands, Cat® Steering Clutch and Brake components:

- feature precise design for efficient power flow and less wear.
- offer superior construction for wear resistance and long life.
- include special features for improved lubrication and load distribution.

Quality materials and controlled manufacturing processes also mean Cat Steering Clutch and Brake components can be remanufactured for a second life. Cat Reman Steering Clutch and Brake Groups deliver like-new performance and long life at fraction-of-new prices.



Steering Clutch and Brake Groups

New components deliver top performance and long life

Quality materials and controlled processes ensure new Cat Steering Clutch and Brake components deliver top performance and life.

Anti-friction bearings

- Smooth surface finish on races and rollers lowers rolling resistance and friction and increases life.
- Precision-engineered roller crown distributes loads across rollers to prevent gear misalignment.

Brake discs

- Porous fiber face ensures a thin film of oil separates discs and plates to minimize wear.
- Uniform ridge patterns promote oil flow to keep brakes from reaching excessively high temperatures.

Clutch plates

- Tight metallurgical specifications reduce premature and/or excessive plate wear.
- Tight metallurgical specifications minimize hotspotting (plate warping and friction disc wear) in high temperatures and severe applications.



Reman Steering Clutch and Brake Groups reduce downtime and costs

When you need repairs, Cat Reman Steering Clutch and Brake Groups get you back to work quickly, reliably, and affordably. During the remanufacturing process:

- used Cat final drive components (cores) are completely disassembled, and parts are cleaned and inspected for damage.
- friction discs, races, and bearings are replaced with new parts, as are any other parts that cannot be restored to like-new condition.
- each group is updated to include the latest critical performance updates and tested to ensure it meets original factory performance specifications.

Fully assembled and ready to install, Cat Reman Steering Clutch and Brake Groups are available off-the-shelf for large elevated sprocket tractors (D8-D11), reducing your turnaround time. They are priced at 50-60% of the cost of new parts—and our single level core criteria make inspection simple. We issue full credit as long as the housing and hub are not cracked, broken, or welded. Plus, Cat Reman Steering Clutch and Brake Groups come with a same-as-new warranty, honored worldwide.

Our service and support lower your costs

When your drive train needs service, our professional technicians have the training and tools to get you back to work quickly. We provide off-the-shelf component availability backed by the Caterpillar worldwide parts network.

Give us a call or drop by our parts counter. We'll show you how we can help lower your costs with the highest quality drive train components, a wide range of Exchange parts (including Cat Reman components), and the most comprehensive service and support available.

For more information, see us today or visit Caterpillar's web site at <http://www.CAT.com>.