



Cat[®] Swing Rack Improvement Retrofit FOR ELECTRIC ROPE SHOVELS



Durability From The Inside Out

Your swing rack is one of the hardest working pieces of your shovel. Every stress from every load passes through it. The more durable it is, the more reliable your entire machine will be. That's what inspired the latest iteration of swing racks for Cat[®] Electric Rope Shovels. The result is a more efficient version of itself, with far-reaching effects.

Designed with ease for retrofit in mind, this swing rack adds strength where it matters without adding unnecessary bulk. The changes ensure the highest structural integrity for your swing rack's usable life, on which everything above it depends.

Durable parts that lower future maintenance costs is reliability at work.

LET'S DO THE WORK.™



Cat[®] Electric Rope Shovel Retrofit - Swing Rack Improvement

APPLICABLE MACHINES

Machine	Part Number
7495 & 7495 HF	536-1603
7495 HD	536-1605
7295	555-3838*

DESIGN IMPROVEMENTS

Durability Improvement

- One piece casting eliminates vertical segment cracks
- Reduced swing rack web core holes, aligned to low-stress zones on the truck frame
- Relocated core holes, increasing web strength
- Improved weld process to provide better weld quality

Swing Rack System Improvement

- Standardized roller circle segments of five 10-piece sections
- Simplified assembly on site

3rd Rail Improvements (7495 & 7495 HF only)

Improved bolted joint

- Improved access for inspection and re-tightening
- Added support to thrust rail during operation

Lower Rail Improvement

- Single-piece lower rail creates continuous roller path - no gaps

**Assembly is 7295 swing rack only and does not include lower rails. Lower Rails are serviced as individual piece parts.*

Adding life, adding value

Systems-based, sophisticated design changes started from the very beginning – analyzing the molecular structure of the liquid hot metal that becomes a single-piece casting. The casting provides a more stable base for the revolving frame and the flow of stresses through the machine.

A single-piece rail provides a uniform path for the rollers, preventing them from coming loose and creating small differences in the wear path that can cause uneven wear and further complications.

Forged and machined roller path and gears optimize how the rack wears.

All together, the improvements can potentially reduce maintenance on the swing rack system by 40%, equaling more uptime and more productivity.



To learn more about this retrofit and others, contact your local Cat dealer today.

CAT DEALER COMMITMENT AND CAPABILITIES MAKE THE DIFFERENCE

Cat dealers provide the level of support you need, on a global scale. Dealer expert technicians have the knowledge, experience, training and tooling necessary to handle your repair and maintenance needs, when and where you need them.

