

Cone crusher tooling

Lock nut / bolt tightening tool

Our customers asked for a more efficient and safer way to assemble and maintain their cone crusher head assembly. Our answer is an upgrade solution that provides safety during maintenance, improves crusher reliability and reduces downtime.

A safer and easier way to work

The industry standard method for tightening and loosening the locking nuts and bolts is outdated. Without a safety upgrade, the task puts maintenance and operations personnel at risk. Our tool system improves the safety and performance of your crusher maintenance without sacrificing reliability.

Benefits

- Improves safety
- Improves reliability
- Improves overall assembly process
- Improves maintenance procedure
- Adapatable to multiple models

A simple upgrade to improve safety and equipment reliability

Problems with traditional design

In the past, mantle changes for a cone crusher have been a safety concern and introduced risk to plant operation when not performed correctly. The traditional method requires manual slugging and lightweight tools for the job, creating a potential for inconsistencies in the assembly.

Upgrade Solution

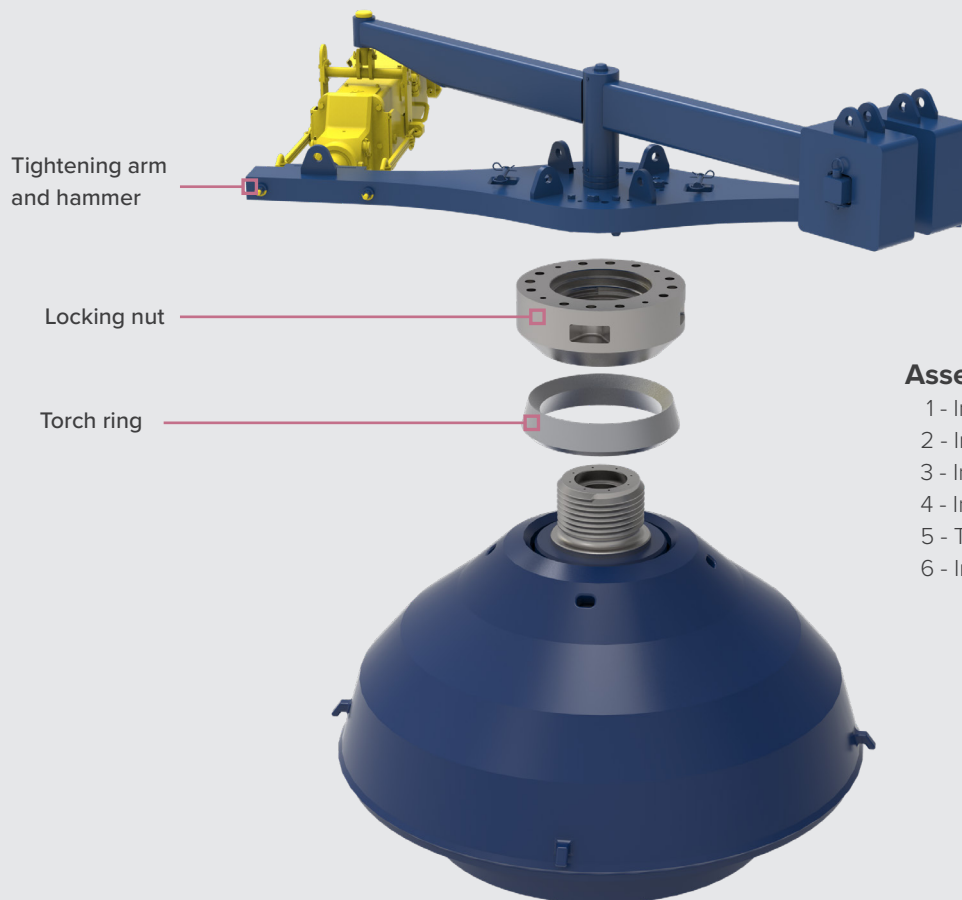
We combined proven technology and innovation to create a design that eliminates your safety concerns while at the same time making maintenance easier.

Improvements

- Reliable and consistent tightening with impact hammer
- Simplified removal for difficult applications
- Replaces antiquated manual slugging with a safer method
- Fully integrated with existing designs
- Adaptable to multiple crusher designs

Upgrade package

- Tightening arm
- Mounting hardware
- Locking nut adapter (when needed)
- THUNDERBOLT Recoilless Hammer



Assembly procedure

- 1 - Install torch ring
- 2 - Install locking nut
- 3 - Install adapter (not shown)
- 4 - Install tightening arm & hammer
- 5 - Tighten nut and weld torch ring
- 6 - Install feed plate (not shown)