

CAT G.E.T. SOLUTIONS FOR ELECTRIC ROPE SHOVELS

800-1,500 TON



X-4 SYSTEM FOR ELECTRIC ROPE SHOVELS 800 to 1,500 Ton

HAMMERLESS G.E.T. FOR ELECTRIC ROPE SHOVELS (ERS)

The industry standard for electric rope shovels (ERS), the Whisler style adapter is matched with CapSure retention—making installation and removal quick and safer than hammered alternatives.

IMPROVE SAFETY

Installation and removal is safer with our hammerless screw-drive adapter.

SPEED UP CHANGE-OUT

One retainer, one turn, means fast and easy change-outs.

SIMPLIFY INSTALLATION

No piece part assembly—CapSure retention system is built into the component.



ERS CAST LIP DESIGN

PERFECT FIT, BEST RELIABILITY, EVERY TIME

Cat ERS lip systems are delivered ready to work, saving hours of G.E.T. fitment and installation time. Fully machined lip surfaces ensure that Cat G.E.T. fits perfectly, and secures tightly. This reduces the rate of lip wear, extending your lifecycle. Machined retention holes reduce stress that originates in this area.



EXTEND LIP LIFECYCLE

Machined surfaces provide precise dimensional control and tighter fitting G.E.T.



REDUCE STRESS CRACKING

Machined retention holes lower stresses by 22%



ADAPTER & EDGE PROTECTION

The Whisler style adapter is secured to the lip with either hammerless or traditional C-clamp and wedge retention. The hammerless wedge retention assembly is often reusable, helping to lower your operating costs.

G.E.T. MORE FLEXIBILITY

Hammerless and traditional designs are available.

SIMPLIFY INSTALLATION

Tapered adapter slot provides quick and easy wear cap installation and removal.



Adapter & Retention System

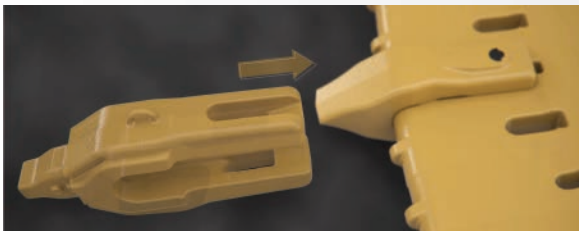
Wear Cap

The wear cap removes easily due to a tapered fit with the adapter.

INSTALLATION & REMOVAL

Follow these four simple steps for fast, safe and easy installation and removal:*

1 Position adapter onto dipper edge.



2 Insert C-clamp.



3 Insert wedge assembly and tighten.



4 Torque wedge assembly to specifications.



* See dealer for procedures.

TIP OPTIONS

Choose from five tip profiles designed for a broad range of applications. Your Cat dealer can help you select the option that offers the right balance of penetration and wear life for your jobsite.



GENERAL PURPOSE

X4-GP tips are symmetrical and the baseline for other tip styles.



PEN ABRASION

X4-PLA tips are designed for high-abrasion, low-impact applications where penetration is critical. They are 17 percent longer and have four percent more wear material in the tip body.



ABRASION

X4-A tips feature approximately 27 percent more wear material than the X4-GP tip.



IMPACT

X4-I tips are 16 percent stronger than the X4-GP to withstand high-impact applications.



OIL SAND PENETRATION

X4-OSP tips have been designed with a stream line shape in mind for better penetration, a deeper recess to keep the tip sharp throughout its wear life, and is 1" longer than the pen abrasion tip to extend its productive wear life.

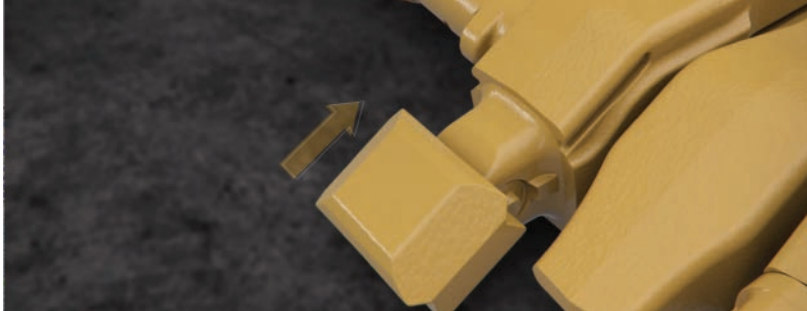
ENGINEERED TO ORDER (ETO) OPTIONS AVAILABLE

Custom offerings are available from your Cat dealer for your application.

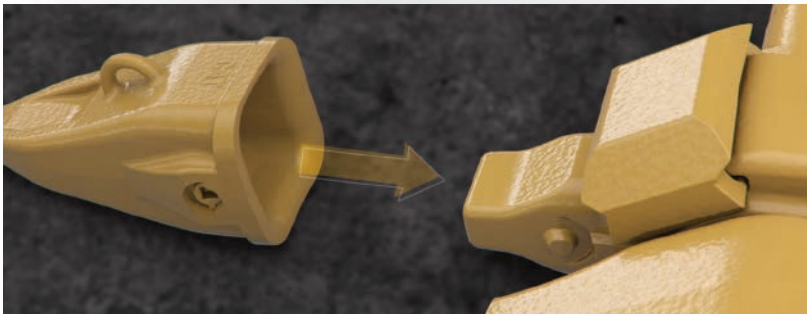
TIP & WEAR CAP INSTALLATION & REMOVAL

It's safe and easy—just follow this three-step hammerless process:

- 1** Slide wear cap onto tapered slot on adapter.



- 2** Slide tip onto adapter.



- 3** Rotate lock 180° with a 19mm square drive.



Scan the QR code
above to watch the
installation video.

LIP SHROUDS WITH CAPSURE RETENTION

FAST, EASY, ONE-PIECE PROTECTION.

Get superior penetration and lip protection with the Whisler hammerless shroud system.

SHORTEN CHANGE-OUT TIME

One turn locks/unlocks retainer.

ENHANCE SAFETY

Hammerless CapSure system allows for fast, easy installation and removal while reducing the risk of injury.

LOWER YOUR COSTS

Retention boss is reusable, reducing your owning and operating costs.

INSTALLATION & REMOVAL

It's safe and easy—just follow this three-step hammerless process:*

- 1** Weld retention boss onto edge.



- 2** Slide edge shroud over retention boss.



- 3** Rotate 180° to lock.



WH12 Lip Shroud



WH12 Short Lip Shroud



Welded Base

* See dealer for procedures.

WING SHROUDS

BALANCED PROTECTION AND PENETRATION.

With a wing shroud, you can protect the structural integrity of your bucket and sustain enhanced penetration.

REDUCE YOUR COSTS

Wing shroud shields the bucket edge to minimize wear and maintenance.

SIMPLIFY REMOVAL

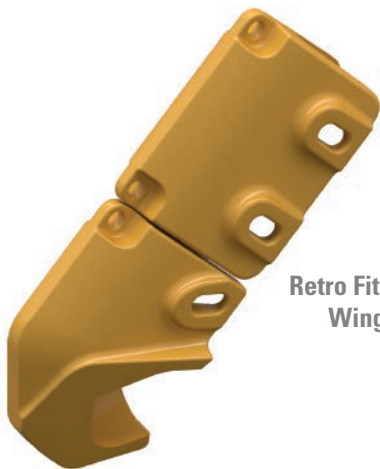
Caterpillar patented design has all of the same features and benefits as the adapter retention.

SAFETY REMOVAL

Low install torque improves installation speed and safety.



Pin on Wing Shroud



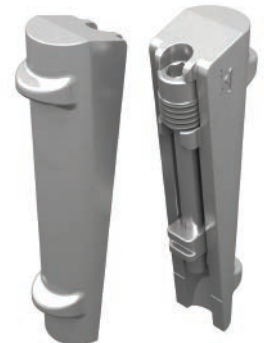
Retro Fit Hammerless Wing Shrouds



Wedge and Spool Hammered



Hammerless Retention





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