

FRONT-FACING CAMERAS

- » Enhanced safety during operation
- » Cameras display image on dedicated information display
- » Offers improved front and side visibility of machine



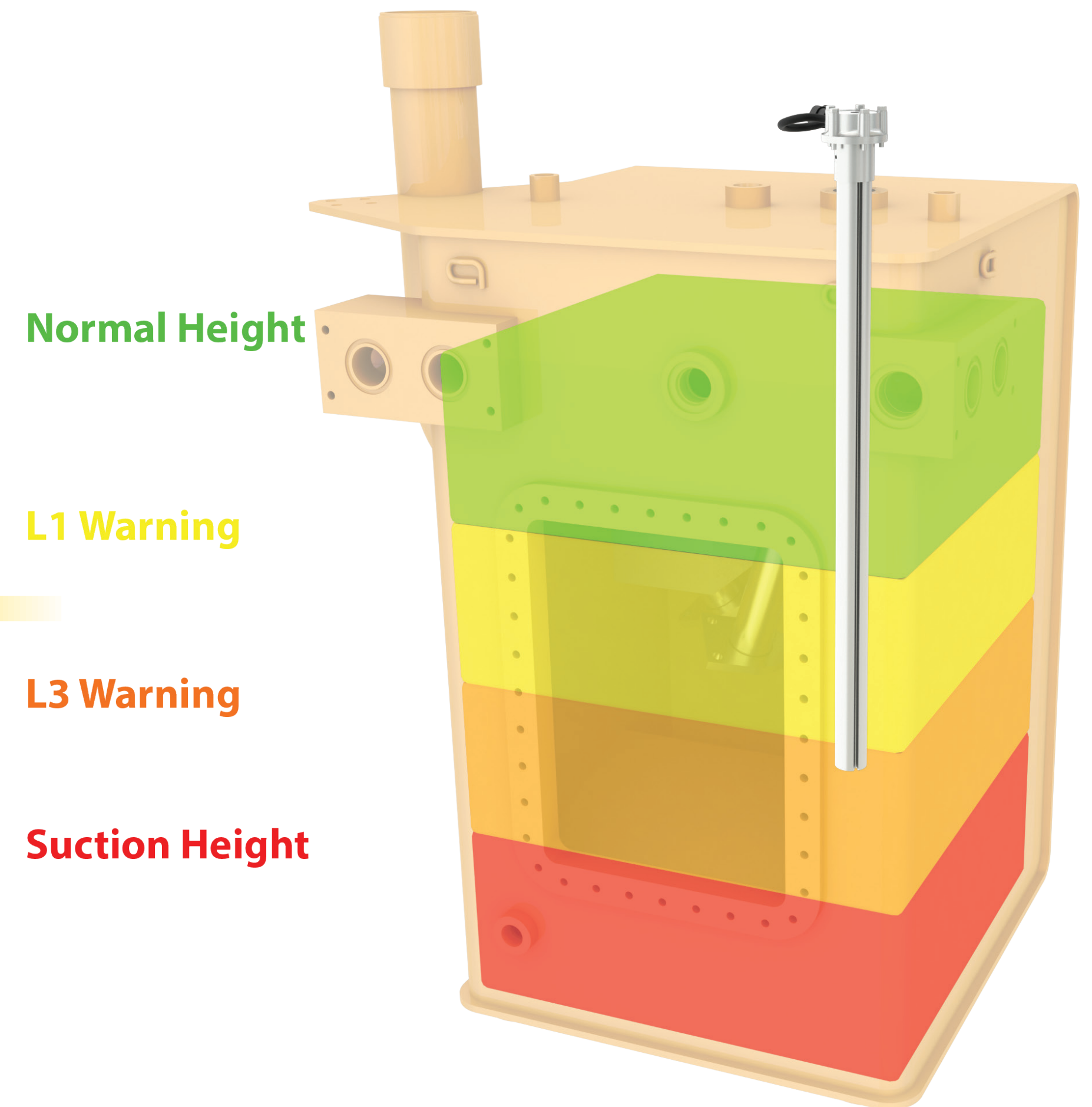
FRONT AXLE GUARDS

- » Protects axle and steering cylinders from rocks and other debris
- » Helps protect from unplanned downtime and improve axle life

CRITICALLY LOW FLUID LEVEL MONITORING SYSTEM

Monitoring and alerts on critical fluid levels during regular operation for:

- » Coolant
- » Engine oil
- » Hydraulic fluid
- » Rear-axle oil
- » Transmission oil



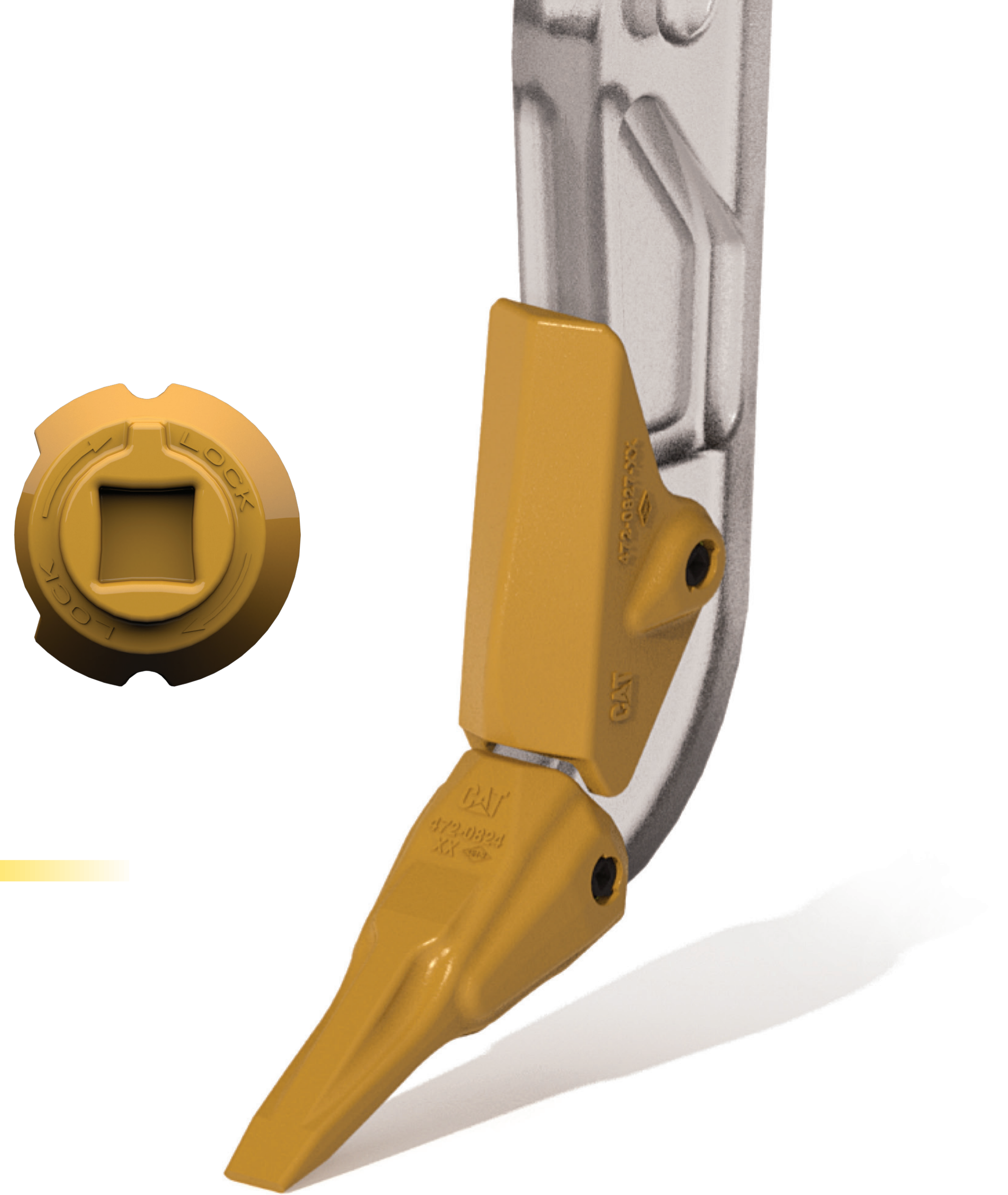
COPPER-GROMMETED RADIATOR

- » Copper cores for improved cooling efficiency
- » Oriented to allow dirt and debris to pass through
- » Easy replacement of individual core tubes
- » Recommended for high ambient temperature and heavy debris applications



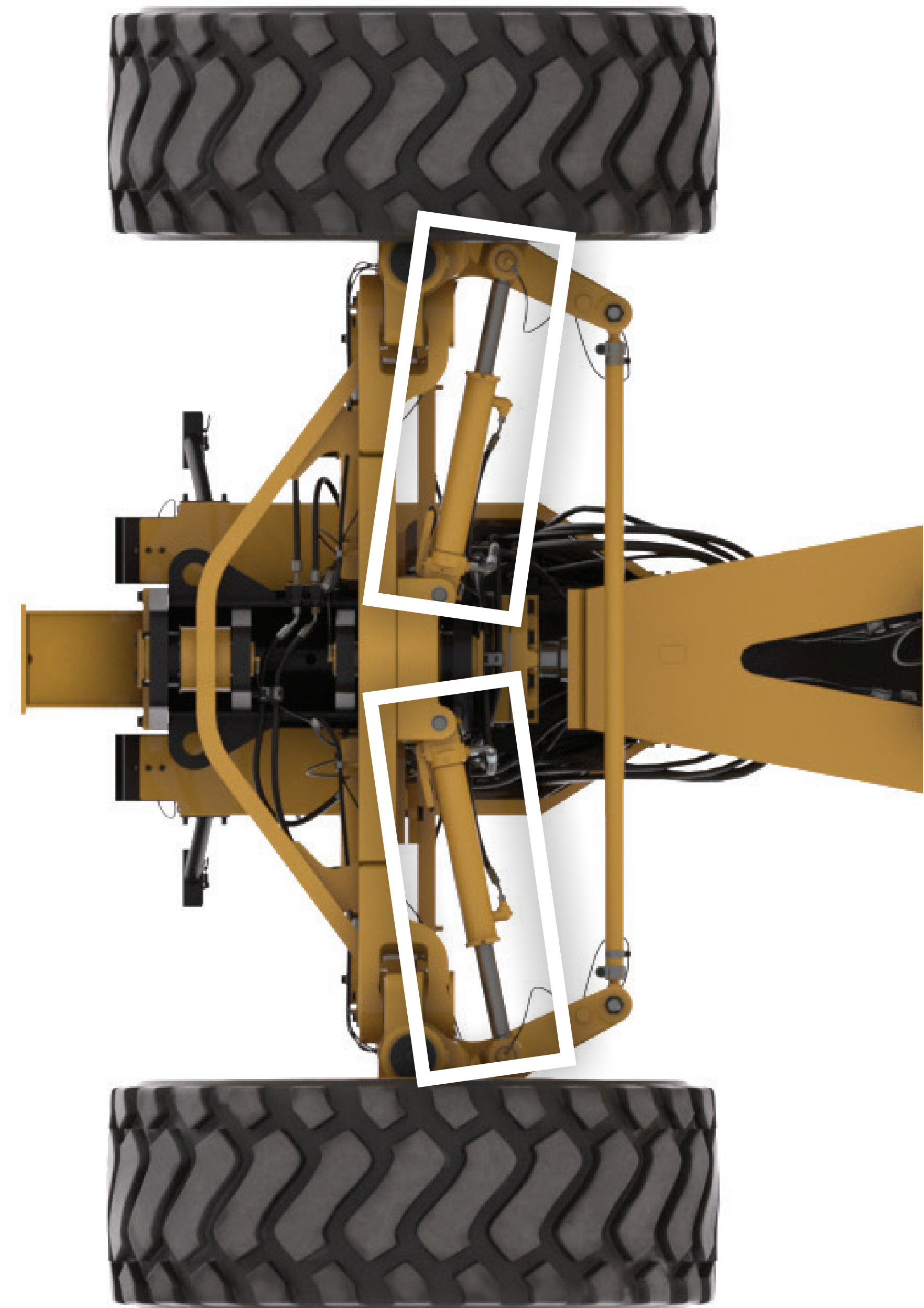
CAT® CAPSURE™ RIPPER TIPS & SHANK PROTECTORS

- » Hammerless retention ripper tips
- » Safer and quicker to install
- » Retrofit requires no modifications



UPDATES TO STEERING CYLINDER

- » Better sensor protection for longer sensor life
- » Eliminate the need for trim files
- » Compatible with front axle guards



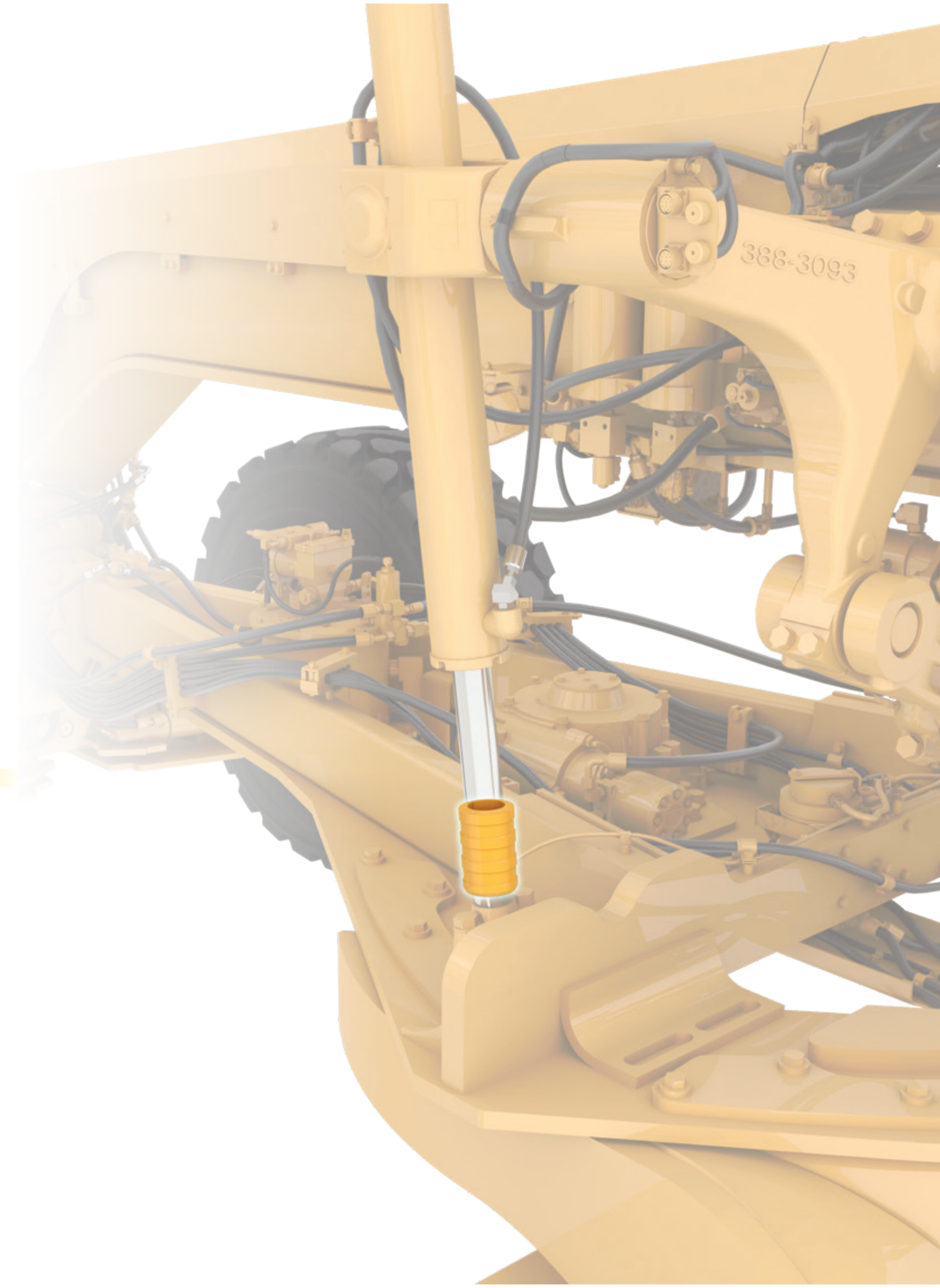
ENGINE COMPRESSION BRAKE

- » Enhances the machine's braking capability
- » Reduces overheating of the brake pads for longer life, higher uptime and lower total cost of ownership



STROKE-LIMITING COLLARS

- » Decrease the chance of drawbar-to-frame contact when lifting the blade, reducing the need to replace or repair the frame and drawbar
- » Designed to be wear items and can be installed and removed in minutes using only hand tools



ADVANCED CONTROL JOYSTICKS



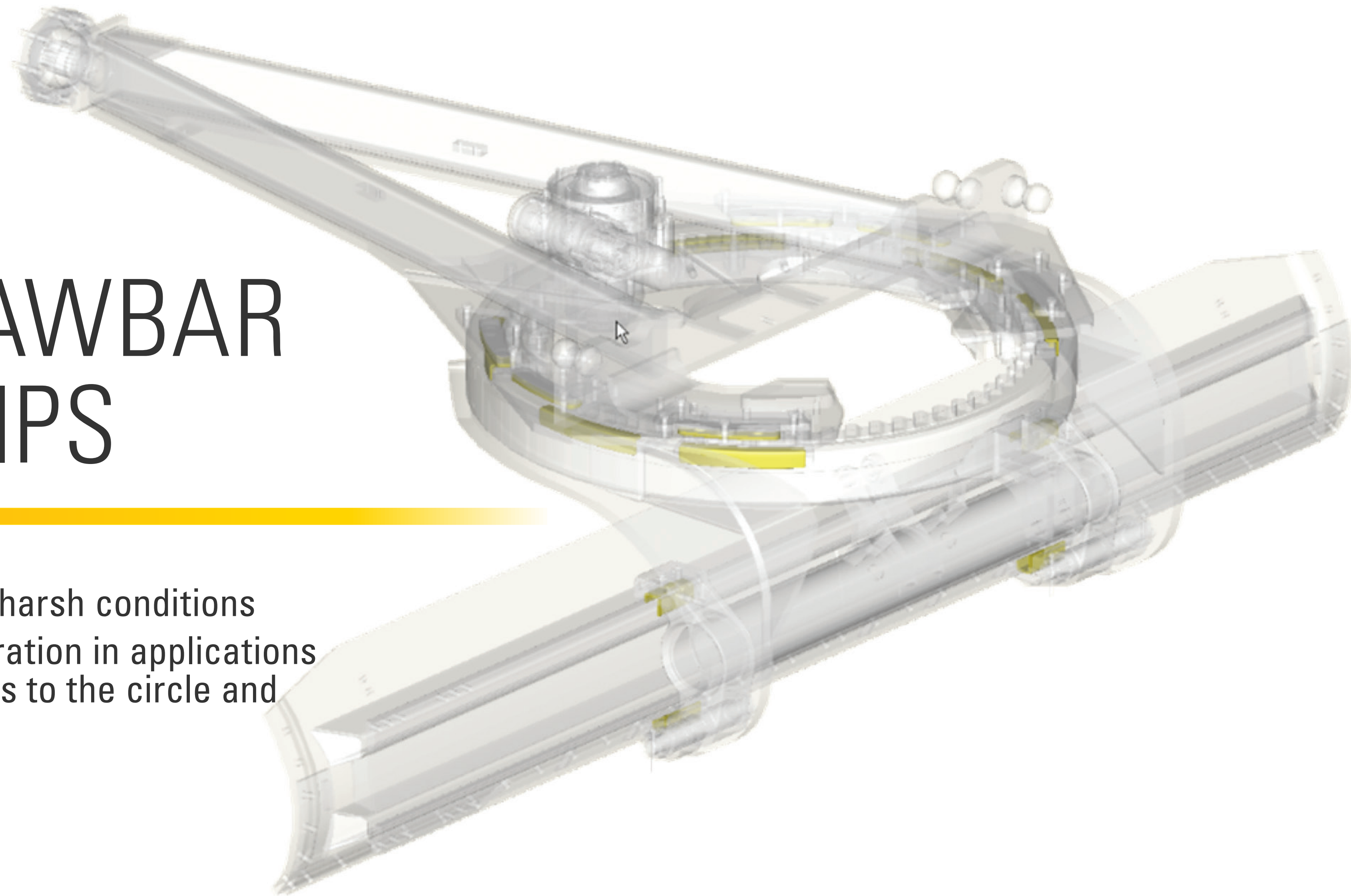
CIRCLE SAVER



- » Extends component life by keeping the pinion gear lubed without requiring anyone to climb under the machine
- » Process is faster, safer and cleaner, reducing maintenance downtime

LONG-LIFE CIRCLE-DRAWBAR WEAR STRIPS

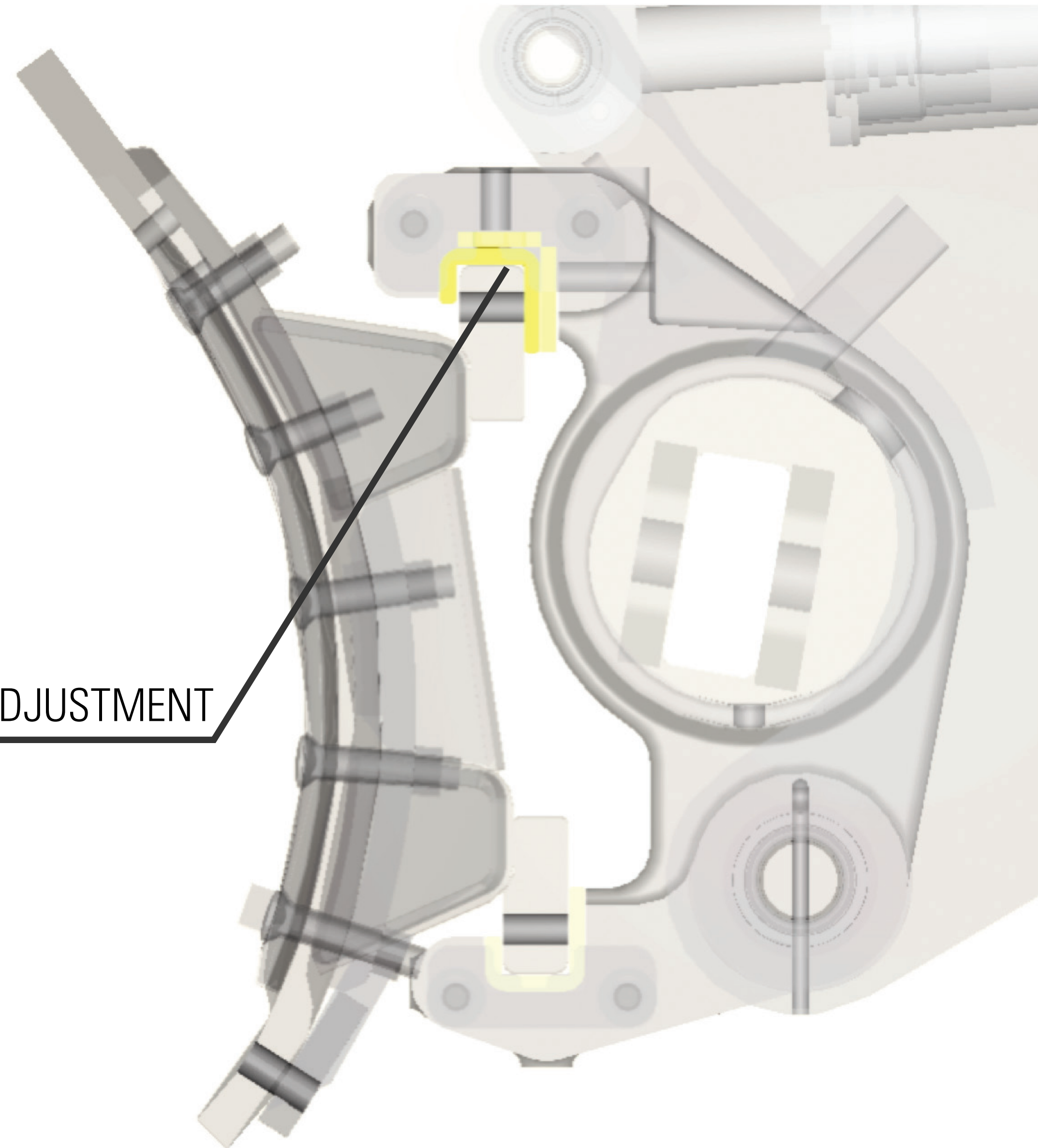
- » Helps machine stand up to harsh conditions
- » Enables more efficient operation in applications where frequent adjustments to the circle and drawbar aren't possible



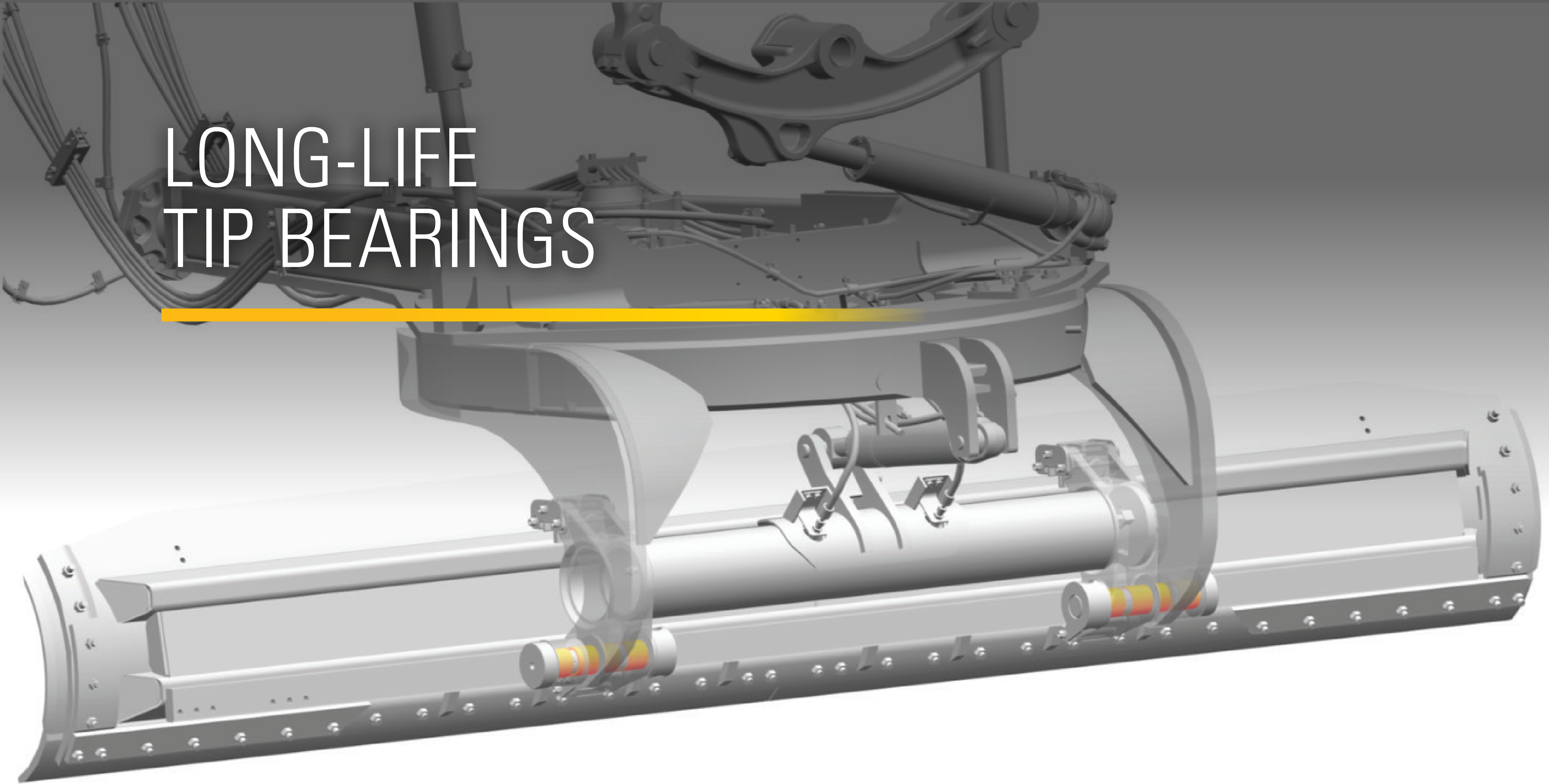
LONG-LIFE BLADE RAIL WEAR STRIPS

- » Last up to three times as long as standard wear strips, dramatically reducing the time and cost of replacements

SHIM ADJUSTMENT

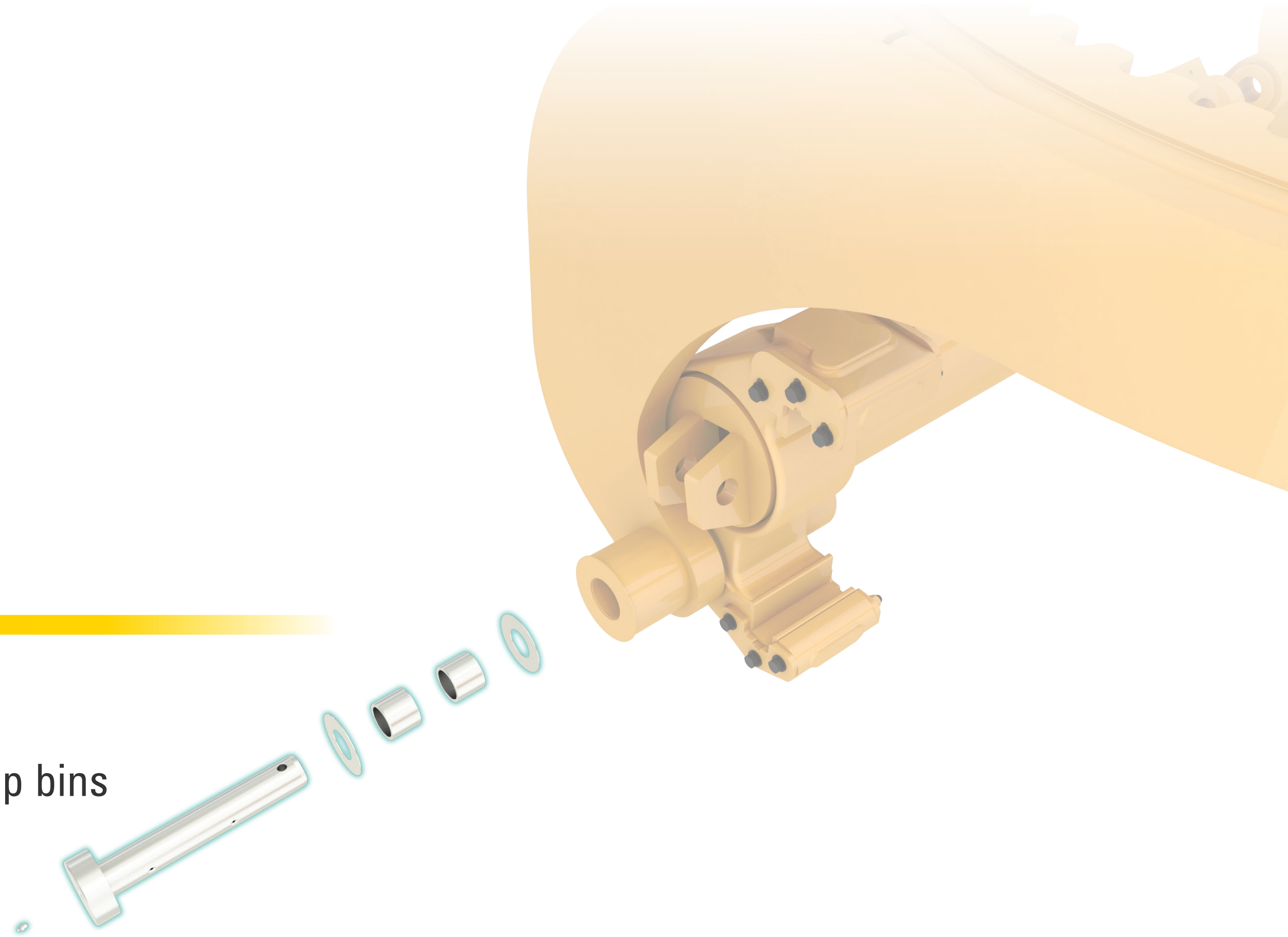


LONG-LIFE TIP BEARINGS



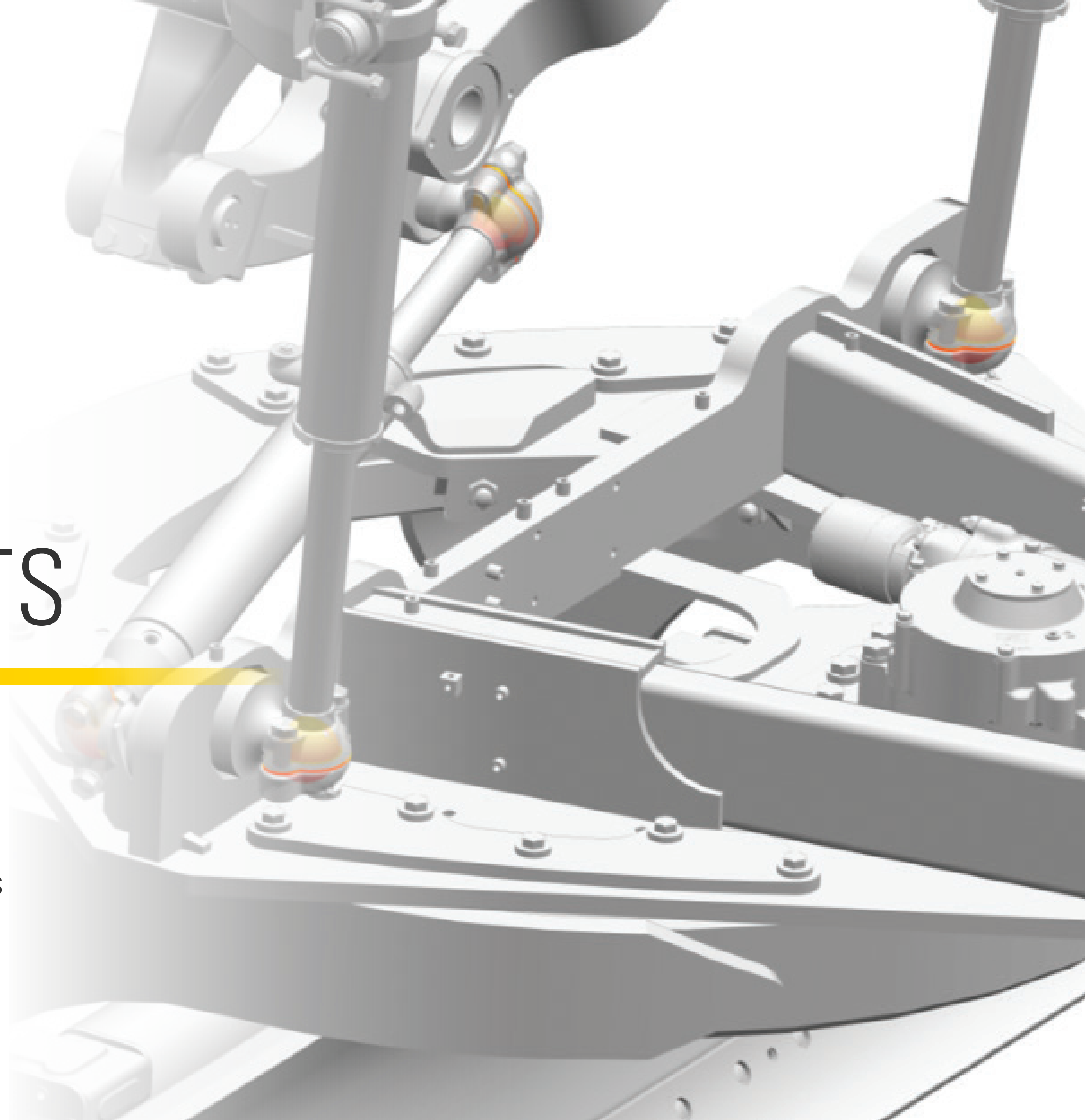
GREASABLE BLADE TIP PIN ASSEMBLY

- » Features a recessed grease zerk
- » Allows you to extend the life of your blade tip bins



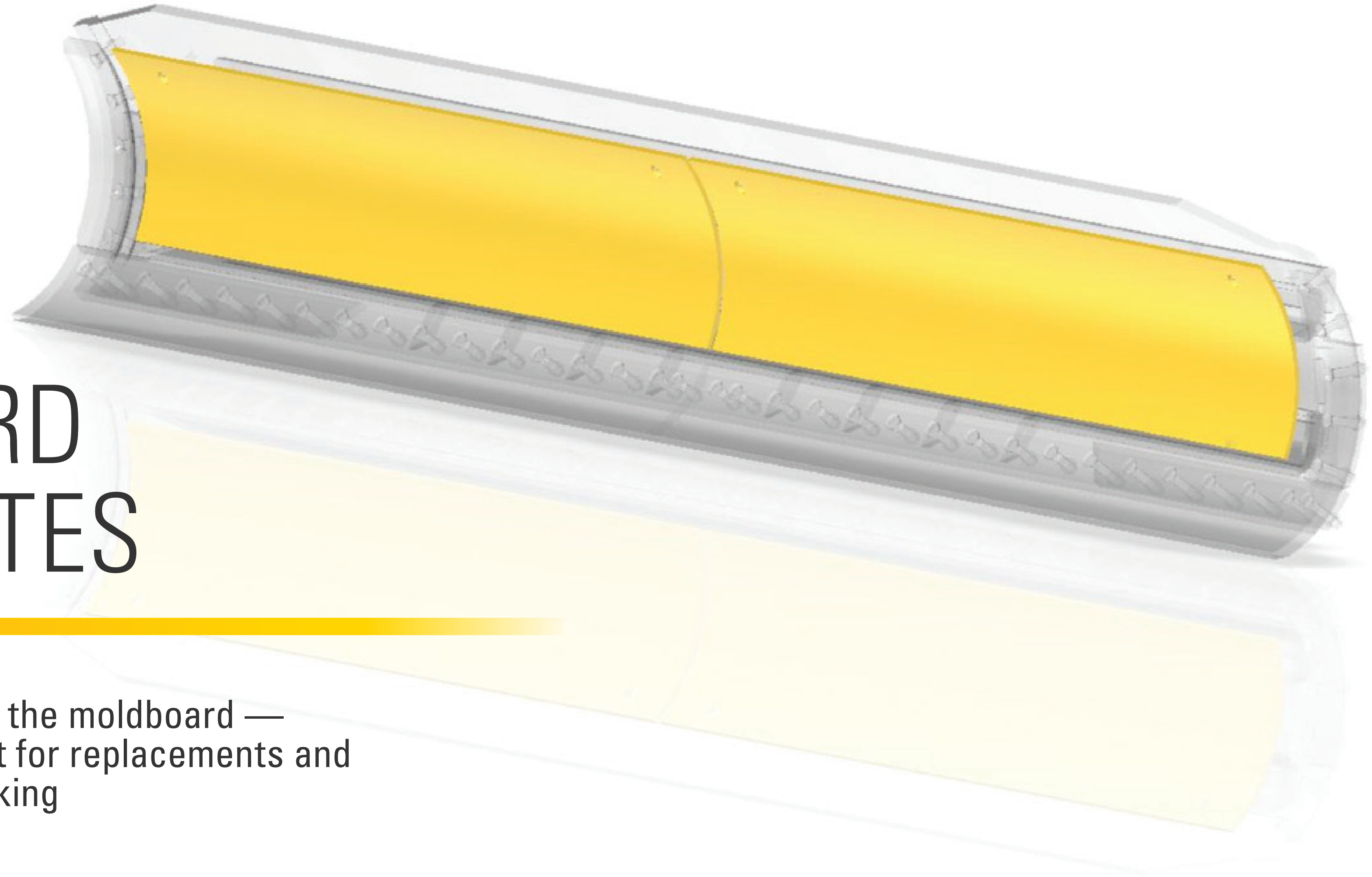
LONG-LIFE LIFT & CENTER SHIFT CYLINDER INSERTS

- » Last up to three times as long as standard wear inserts
- » Reduces the time spent on adjusting and replacing them for lower maintenance times and costs



MOLDBOARD WEAR PLATES

- » Increase the service life of the moldboard — meaning less time and cost for replacements and repairs and more time working



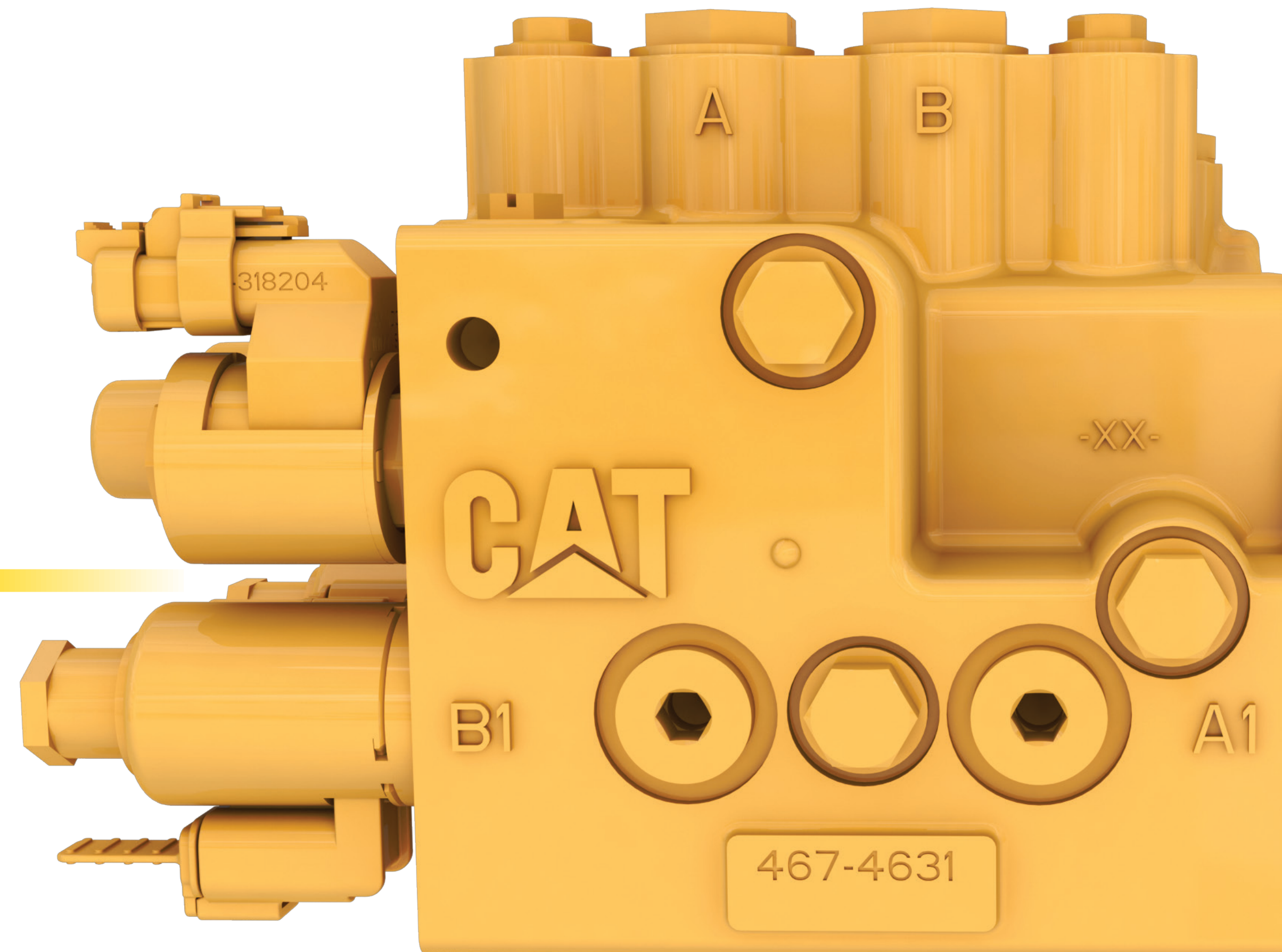
NEXT-GENERATION FILTERS

- » Variety of cartridge-style filters available
- » Hydraulic filters offer excellent flow characteristics with low pressure drop
- » Fuel filters provide unsurpassed contamination control
- » Both filters feature a reusable housing, lowering disposal and replacement costs



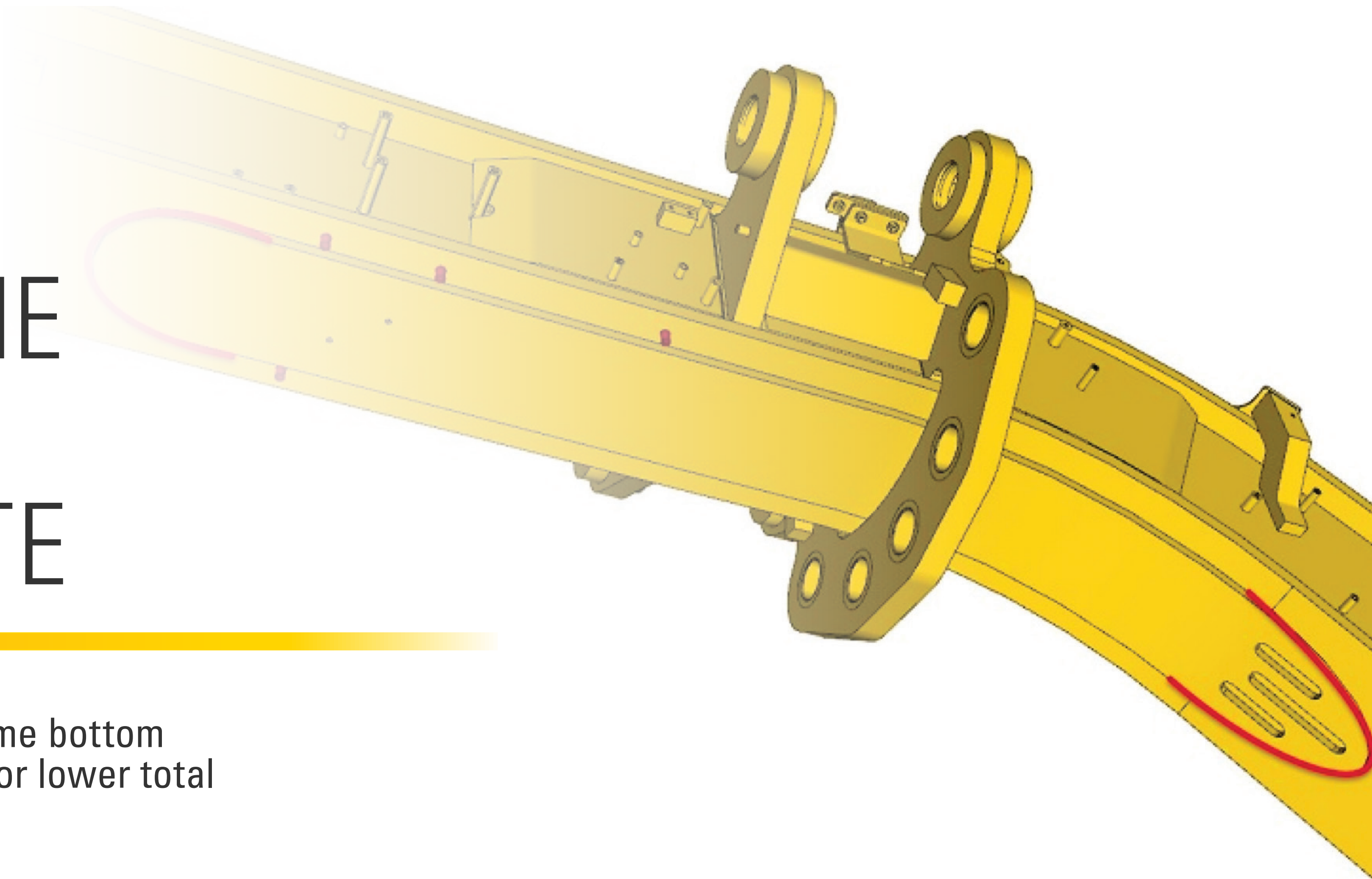
GEN 2 STEERING UPGRADE KIT

- » New steering control valve improves performance by reducing fault codes, eliminating external PRV and including an internal pilot bleed warning circuit
- » Reduced connections mean improved reliability



FRONT FRAME DOUBLER PLATE UPDATE

- » Improved welds on the front frame bottom plate give the frame longer life for lower total cost of ownership



FRONT FRAME FISH PLATE UPDATE

- » Easier to weld, resulting in longer life and lower maintenance costs

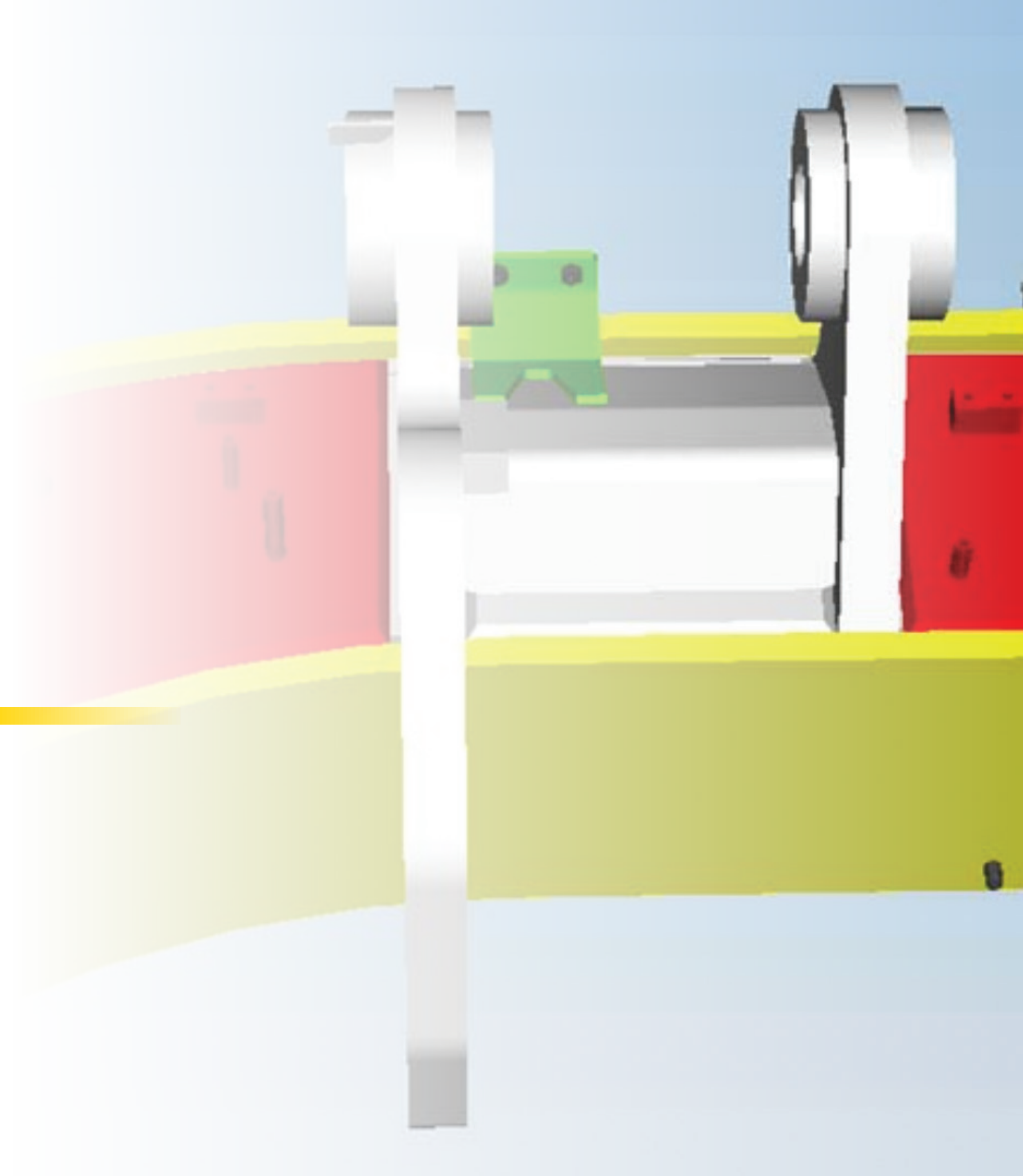
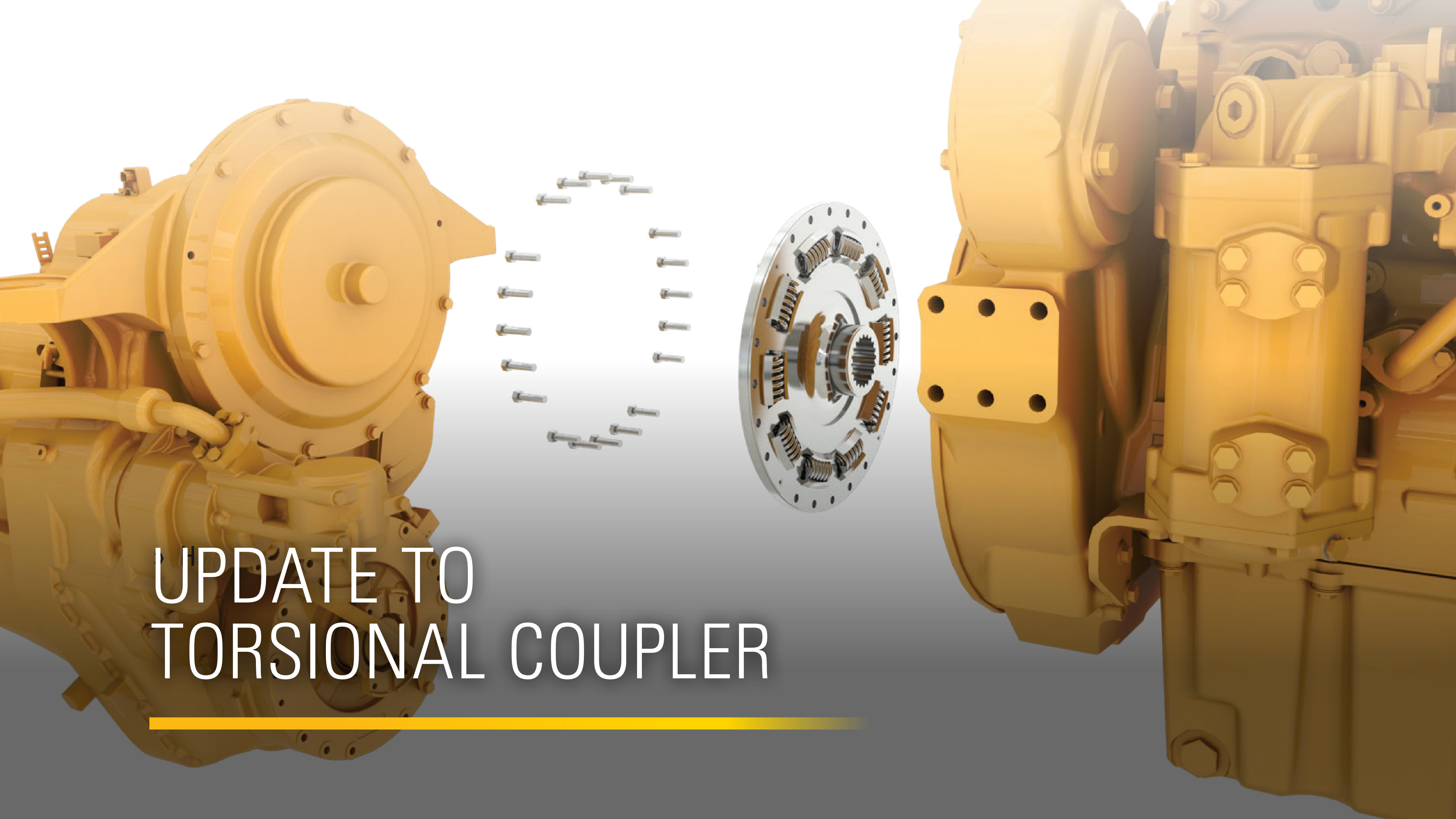




PLATE ADDITION TO DRAWBAR

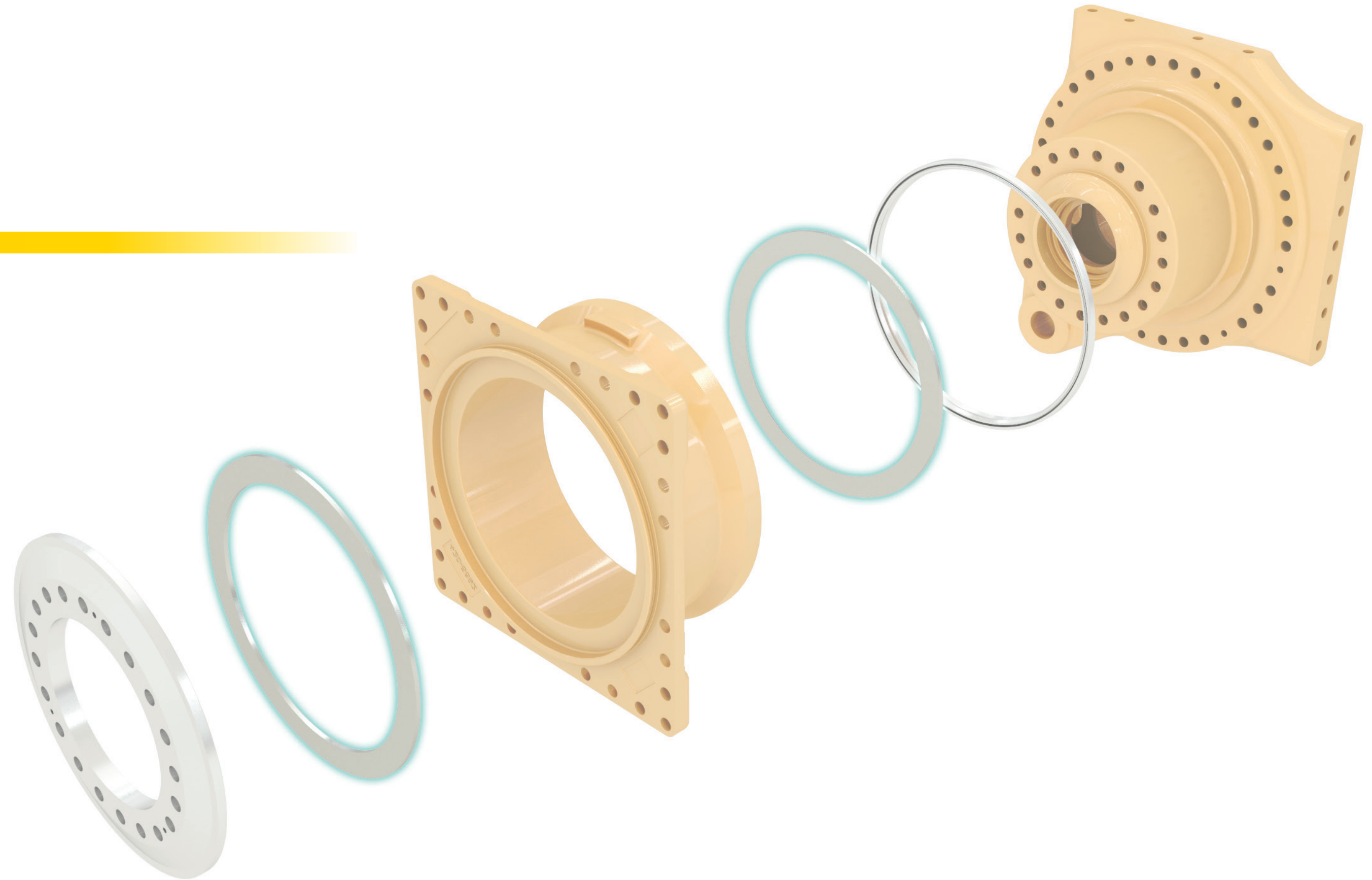
- » Closes the back of the circle to prevent cracking from center shift contact with the bump pad
- » Reduced risk of unscheduled downtime, as well as the maintenance costs and lost production associated with it



UPDATE TO TORSIONAL COUPLER

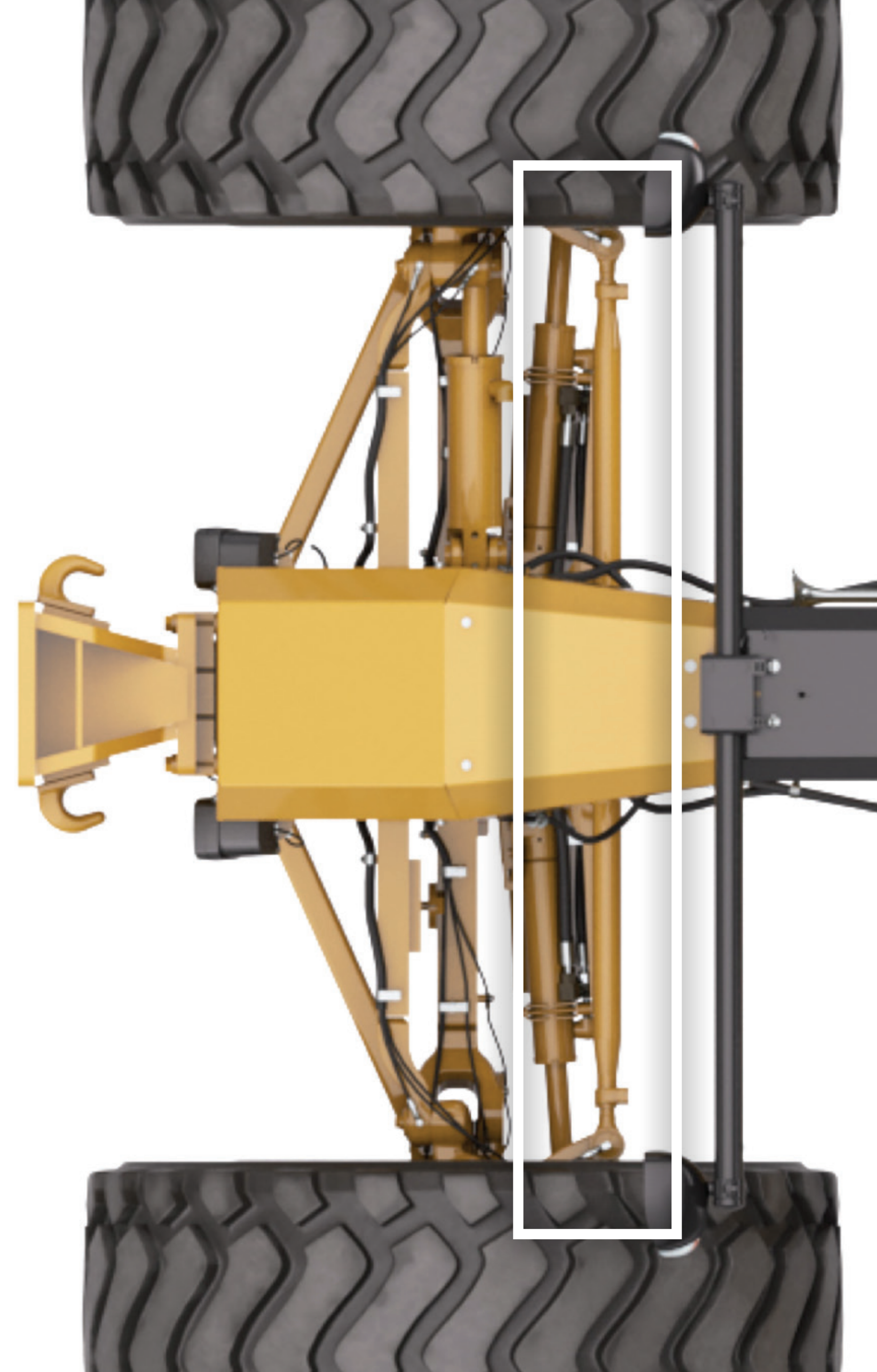
UPDATE TO THRUST WASHER

- » Thrust washers prevent damage to the lip seal and tandem or top hat housing
- » Prevents leaks



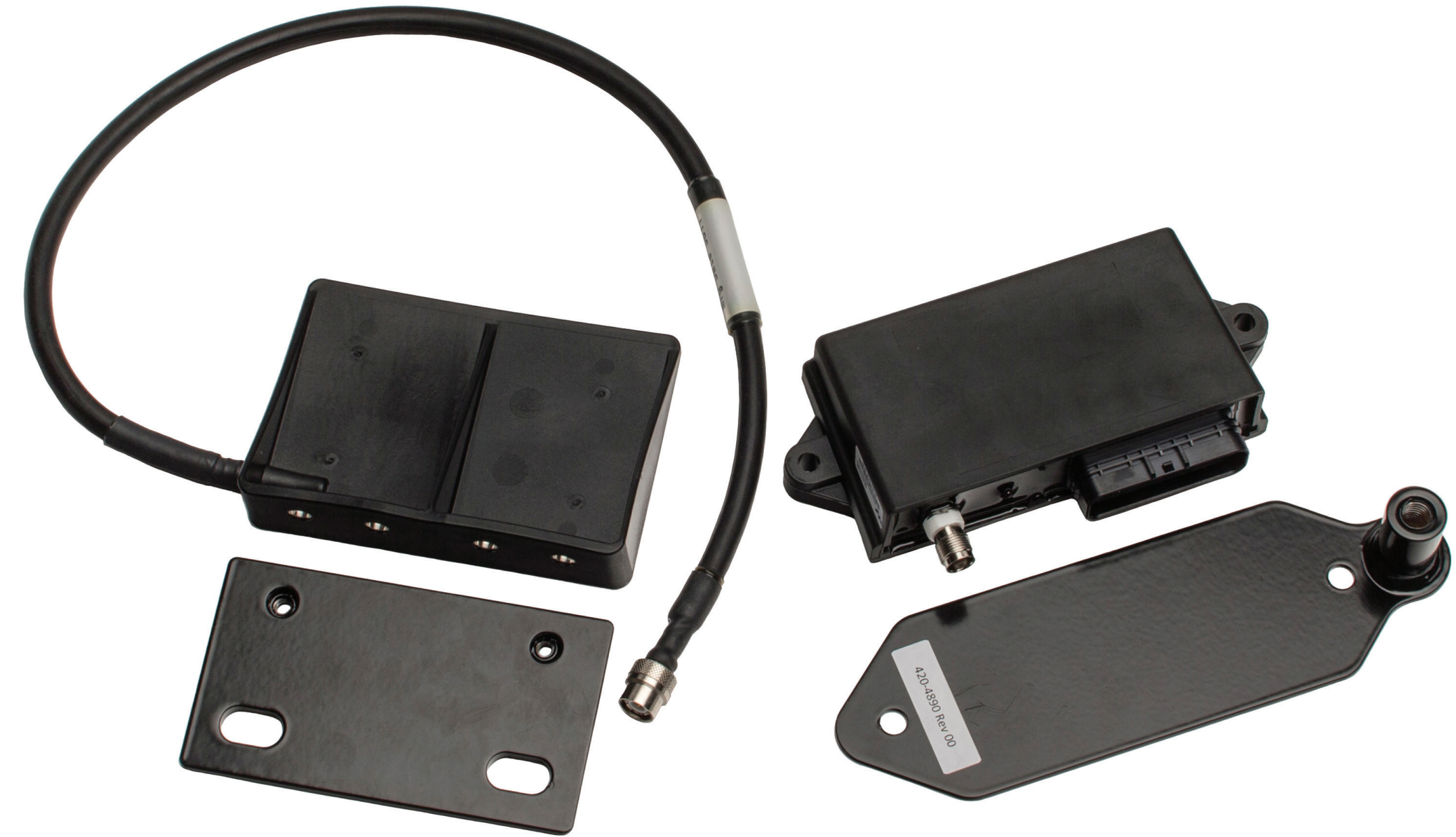
TIE ROD UPDATE

- » Robust replacement tie rods
- » 15 mm wider in outer diameter
- » Offer longer life and reduced risk of front tire misalignment



TIRE MONITORING SYSTEM

- » Monitors tire pressure and temperature to prevent failure and prevent operators from working on hazardous tire conditions
- » Helps improve fuel consumption and operator performance for reduced downtime
- » Aids in scheduling preventive maintenance



DRIVELINE UPGRADE KIT

- » Average 10% lower fuel consumption
- » Lower vibration levels and reduced exhaust temperatures
- » Improves engine response at low idle and for smoother, quicker shifts while working uphill or under load
- » Increases high altitude derate from 5,000 ft to 9,500 ft for T3 engines



MESABI RADIATOR UPGRADE KIT

- » Clog-resistant radiator is more durable and reduces plugging
- » Easier to clean
- » Ability to replace individual cores reduces overall maintenance time



POWERED ARM PODS

