

UNIT EXCHANGE (UX) PARTS PROGRAM

Delivering Operational Readiness & Minimal Downtime

Cooper Machinery Services' Unit Exchange (UX) Program delivers a reliable alternative to purchasing new parts when time is critical. When you can't afford a shutdown during an engine overhaul, Cooper's UX program allows fully certified exchange parts to be delivered to your site quickly to restore operational readiness with minimal interruption.

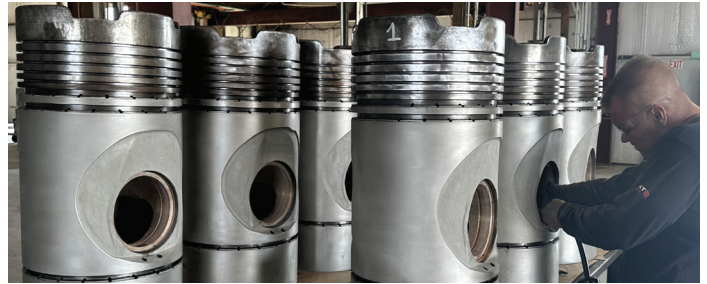
Cooper maintains an expansive exchange stock covering AJAX®, CAT G Series, Clark, Cooper-Bessemer®, Enterprise®, Gemini®, Ingersoll Rand, Superior®, Waukesha VHP, and Worthington engines and compressors, supported by service locations across the United States and worldwide.

Dramatically Reduced Downtime

Cooper's UX program delivers fully certified exchange components directly to your site before any work begins. A preconditioned exchange unit ships fast, cutting typical recovery time from weeks to days, limiting the revenue impact of an unexpected failure.



UX Cooper-Bessemer® Oil Pump at Repair Facility



UX Cooper-Bessemer® LSV Power Pistons

O.E.M. Technology & Reliability

Each UX part is remanufactured to either the original or latest design specifications, incorporating all applicable service bulletins to ensure the best possible performance, uptime, and availability. Cooper's O.E.M. perspective and engineering expertise — encompassing both power and compression — uniquely qualifies the team to remanufacture parts to a standard no third-party shop can match.

Preserve Your Core Asset

Your original components are sent to Cooper for evaluation and remanufacturing, keeping valuable iron in service and supporting long-term availability of exchange stock for the broader fleet.

Single Source of Expertise

Cooper operates numerous service locations in the United States and worldwide, each staffed by experienced personnel and equipped to restore most makes of large reciprocating engines and compressors to the appropriate design specifications. One call connects you to genuine parts inventory, technical knowledge, and field service support across every brand Cooper serves.



UX CAT G3600 Inline Connecting Rod

LEGENDS DON'T STOP. WE MAKE SURE OF IT.™

CALL +1 855-2COOPER
24/7 TECH SUPPORT: SUPPORT@COOPERSERVICES.COM
COOPERSERVICES.COM



How the Unit Exchange Process Works

The Unit Exchange process is designed to be straightforward and fast. Begin by contacting Cooper's 24/7 parts and service line at +1-855-2COOPER or your dedicated Cooper representative. Identifying the engine or compressor brand, model, and the specific component needed allows the team to quickly confirm availability from Cooper's expansive exchange stock.

Fully certified exchange parts are delivered to your site, allowing operations to continue with minimal downtime. Cooper's service locations are stocked and staffed to support exchange requests across all covered brands and part types. Your own maintenance team or a Cooper field service crew can complete the installation at your site.

After installation, the removed core component is returned to Cooper for inspection, evaluation, and remanufacturing to replenish exchange inventory, keeping the program stocked and available.

Turnaround Time & Warranty

Speed of recovery is central to the value of the Unit Exchange program. Because exchange parts are preconditioned and stocked in advance, not built to order, Cooper can ship on an expedited basis from its centralized distribution center in Houston and Deer Park, Texas, reaching most North American locations in days rather than weeks. The 24/7 Rapid Response Team ensures there are no delays waiting for business hours, and expedited freight options are available for the most urgent situations. Cooper field service teams are also available nationwide to support installation and commissioning at your site.

Every exchange carries a standard 12-month warranty. This coverage extends well beyond the initial startup period, giving operators confidence that the unit has been validated and will perform reliably in service.



Various O.E.M. & Non-O.E.M. UX Parts In Stock & Ready to Ship

LEGENDS DON'T STOP. WE MAKE SURE OF IT.™

CALL +1 855-2COOPER

24/7 TECH SUPPORT: SUPPORT@COOPERSERVICES.COM

COOPERSERVICES.COM



Parts Coverage

Parts offered through the UX program include power cylinders and liners, power cylinder heads, master rods, articulated rods, crossheads, crosshead guides, water pumps, oil pumps, and valves. Cooper's UX program services also extend to valve reconditioning, camshaft re-lobbing, head and cylinder reconditioning, water pump repair, performance monitoring, and turbocharger repair.

Remanufacturing Capabilities

Power Cylinder Heads

All UX power cylinder heads are thoroughly inspected, tested, and assembled using all new parts. Cooper stocks a broad selection of both two-stroke and four-stroke engine power cylinder heads, with turnkey repairs performed in-house at Cooper facilities.

Power Cylinders & Liners

UX power cylinder and liners are inspected for cracks and leaks, then relined or restored with chrome plating. A broad selection for several different O.E.M. and non-O.E.M. engine brands is stocked at Cooper's facilities and ready for exchange.

Crossheads

All crossheads are thoroughly inspected via trueness and dimensional checks against O.E.M. drawings and NDT checked for cracks. All mounting faces and register cylinder fits are verified true to the slide for proper cylinder-to-engine alignment. Slides are inspected for defects, finished with a crosshead hatch pattern for optimal oil retention, and all bolt holes are chase-tapped. Equipment is painted prior to shipment.

Water & Oil Pumps

All water and oil pumps are disassembled, cleaned, and inspected against O.E.M. tolerances, then rebuilt with all new seals and gaskets. Internal components not meeting O.E.M. specifications are repaired or replaced. After assembly, all pumps are water-tested to verify seal integrity before being prepared for storage or shipment.