



24M DRIVELINE  
REBUILD KIT

Longer Life.

Lower Costs.

FUEL SAVINGS OF  
**\$20k-25k**  
OVER 12,000 SMU HOURS

- » Standardize your 24M fleet with one engine arrangement
- » Lower parts inventory
- » Machine runs at an optimal RPM range to maximize torque and decrease fuel consumption up to 5-10%
- » Lower vibration levels increases general machine and component life
- » Reduced exhaust temperatures provides extended exhaust component life
- » Improved engine response at low idle with multiple hydraulic functions
- » Increase high altitude derate from 1,500 to 2,900 m (5,000 to 9,500 ft) for T3 engine

**PARTS KIT**

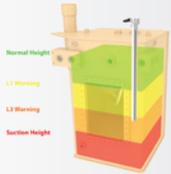
- » 435-4709 Engine Kit
  - » 435-4710 Alternator Kit
  - » 435-4712 Transmission Kit
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.....  
Best applied at  
engine / transmission  
component rebuild  
.....

## OTHER AVAILABLE KITS

### HYDRAULIC FLUID MONITORING



- » Dynamic hydraulic fluid level monitoring
- » Increasing warning levels
- » Diagnostics
- » Logged events

#### REFERENCE

- » Parts Kit 466-0822

### FRONT AXLE GUARDS



- » Improved cylinder protection
- » Hose routings protected from external debris

#### REFERENCE

- » Parts Kit 442-1960
- » \*24M front axle guards require the installation of updated 24M steering cylinders

### STEERING CYLINDER UPDATE



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

#### REFERENCE

- » Parts Kit 489-2403 & 489-2406

### MESABI RADIATOR UPGRADE KIT



- » More durable
- » Reduces plugging
- » Reduces maintenance (individual cores can be replaced)
- » Easier to clean

#### REFERENCE

- » Part Kit 453-3122

### ADVANCED CONTROL JOYSTICKS



- » Easily controls Cat GRADE & Cat GRADE with Cross Slope
- » Improves operator efficiency
- » Enhances operator comfort
- » Controls auxiliary hydraulic functions

#### REFERENCE

- » Part Number 463-6258

### LONG-LIFE BLADE RAIL WEAR STRIPS



- » Last up to 3 times as long as the standard offering, adjust and replace less often

#### REFERENCE

- » Top: Part 565-6900
- » Bottom: Part 565-6899

### CAPSURE RIPPER TIPS & SHANK PROTECTORS



- » Improved safety due to the hammerless design retention technology—the ripper tip and shank protector are easily installed with a 3/4 inch ratchet

#### REFERENCE

- » Centerline Tip: 472-0824
- » Penetration Tip: 472-0825
- » Shank Protector: 472-0827
- » Pin Kit: 473-3816
- » Spacer: 198-4769

### GEN 2 STEERING UPGRADE KIT



- Improves Performance
- » Reduces fault codes
- » Eliminates external PRV
- » Includes an internal pilot bleed warning circuit

#### Improves Reliability

- » Reduces connections

#### REFERENCE

- » Parts Kit 435-4711



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