

February 12, 2010



# EXCHANGE COMPONENT PROGRAM



**T  
&E**TRACTOR  
EQUIPMENT CO.

**CAT**<sup>®</sup>

# **TRACTOR & EQUIPMENT CO.**

## **BILLINGS, MT**

406-656-0202 800-332-7095

[www.tractorandequipment.com](http://www.tractorandequipment.com)

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# **TRACTOR & EQUIPMENT CO.**

## **GREAT FALLS, MT**

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# **TRACTOR & EQUIPMENT CO.**

## **WILLISTON, ND**

701-572-8377 800-451-6060

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## **EXCHANGE ASSEMBLY OPTION**

A PARTS EXCHANGE COMPONENT SHOULD BE CONSIDERED WHEN DOWNTIME OR PRODUCTION COSTS ARE CRITICAL. DOWNTIME IS MINIMAL BECAUSE **THE REPAIR IS ALREADY DONE**; TIME TO REMOVE AND INSTALL ARE THE ONLY CONSIDERATIONS WHEN SCHEDULED COMPONENT REPLACEMENTS ARE MADE, THUS THE MACHINE IS BACK IN PRODUCTION SOONER THAN REPAIR AND RETURN.

THE COMPONENT THAT PARTS EXCHANGE WILL PROVIDE, HAS BEEN REBUILT UNDER THE STRICTEST OF STANDARDS BY TRAINED AND QUALIFIED MECHANICS, THE COMPONENT IS WARRANTED AND GUARANTEED TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP.

GET ALL OF THE ADVANTAGES OF AN EXCHANGE ASSEMBLY:

FAST TURN AROUND.

GUARANTEED PERFORMANCE.

EXTENDED WARRANTY AVAILABLE.

## **CORE RETURN**

THE USED CORE SHOULD BE SHIPPED TO TRACTOR & EQUIPMENT CO. USED CORES MUST BE RECEIVED WITHIN SEVEN DAYS AFTER PURCHASE UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE. THIS INSURES THE AVAILABILITY OF EXCHANGE COMPONENTS.

WHEN RETURNING THE USED CORE, USE THE SHIPPING CRATE OR STAND ON/IN WHICH THE EXCHANGE UNIT WAS RECEIVED. PRIOR TO RETURNING THE USED CORE, PLEASE CHECK FOR COMPLETENESS. THE CORE MUST BE IN THE SAME STATE OF COMPLETENESS AS THE EXCHANGE COMPONENT THAT WAS RECEIVED.

## **WARRANTY PROCEDURES**

IF A FAILURE OCCURS DURING THE WARRANTY PERIOD, THE PARTS EXCHANGE COORDINATOR MUST BE NOTIFIED WITH THE FOLLOWING INFORMATION:

1. PURCHASE DATE OF FAILED COMPONENT.
2. MACHINE SERIAL NUMBER ON WHICH THE COMPONENT WAS INSTALLED.
3. MACHINE UNIT NUMBER. (IF USED)
4. COMPONENT HOURS.

THE COMPONENT SHOULD BE SENT TO TRACTOR & EQUIPMENT CO. FOR A WARRANTY DETERMINATION, REPAIR, AND RETURN.

## **MISSING PARTS POLICY**

PRIOR TO RETURNING THE USED CORE, CHECK THE CORE FOR COMPLETENESS. MISSING PARTS WILL BE INVOICED AT CUSTOMER PRICE.

## **CONVERSION POLICY**

IN SOME CASES, CORE CONFIGURATIONS OUTSIDE THE GIVEN SERIAL NUMBER RANGE CAN BE ACCEPTED WITH AN ADDITIONAL CHARGE FOR PARTS (AT LIST PRICE) REQUIRED TO UPDATE THE COMPONENT. ANY SALE OF THIS NATURE MUST BE AUTHORIZED PRIOR TO SALE OF COMPONENT TO CUSTOMER. CONTACT PARTS EXCHANGE COORDINATOR FOR AUTHORIZATION.

## **SHIPPING STAND/CONTAINER POLICY**

EXCHANGE COMPONENTS' SHIPPING CRATES OR STANDS NOT RETURNED ARE SUBJECT TO CHARGES.

## **ORDERING PROCEDURE**

ALL INQUIRES OR ORDERS FOR COMPONENTS CAN BE PLACED THROUGH PARTS OR SERVICE DEPARTMENTS IN BILLINGS, GREAT FALLS, OR WILLISTON. SERIAL NUMBER AND ARRANGEMENT NUMBER ARE REQUIRED TO INSURE THE PROPER COMPONENT.

## **PARTS DELIVERY POLICY**

FLEXIBLE, EXTRA CHARGES MAY APPLY.

## **ADDING NEW ITEMS TO EXCHANGE**

TRACTOR & EQUIPMENT CO. IS CONSTANTLY UPDATING AND ADDING NEW ITEMS TO EXCHANGE INVENTORY. IF YOU DO NOT SEE A PART YOU NEED, PLEASE GIVE US A CALL AND WE'LL SEE IF WE CAN LOCATE AN EXCHANGE UNIT FOR YOU. WE WILL ALSO DETERMINE IF THE ITEM REQUESTED COULD BE ADDED TO T & E'S EXCHANGE INVENTORY.

# STAR WARRANTY

## ENGINES

ENGINE SERIES COVERAGE	WARRANTY PERIOD	MAINTENANCE REQUIRED
3500	12,000 HOURS/36 MONTHS  0-6,000 HRS. NON-PRORATED AFTER 6,000 HRS. PRORATED FROM 0 HOURS  EXAMPLE: ENGINE FAILS AT 9,000 HRS./30 MONTHS 9,000 : 12,000 = 75% USER PAYS	1. TURBOS 6,000 HRS. 2. INJECTORS 6,000 HRS. 3. ETHER INJECTION SYSTEM FUNCTIONING 4. T & E S.O.S. 5. CAT FILTERS 6. CAT OIL OR CAT SPEC OILS
3400	10,000 HOURS/34 MONTHS  0-6,000 HRS. NON-PRORATED AFTER 6,000 HRS. PRORATED FROM 0 HOURS  EXAMPLE: ENGINE FAILS AT 7,500 HRS./24 MONTHS 7,500 : 10,000 = 75% USER PAYS	1. TURBOS 5,000 HRS. 2. T & E S.O.S. 3. CAT FILTERS 4. CAT OIL OR CAT SPEC OILS
3300 (DOES NOT INCLUDE 3300 SCRAPER REAR ENGINE)	8,000 HOURS/32 MONTHS  0-6,000 HRS. NON-PRORATED AFTER 6,000 HRS. PRORATED FROM 0 HOURS  EXAMPLE: ENGINE FAILS AT 6,000 HRS./20 MONTHS 6,000 : 8,000 = 75% USER PAYS	1. TURBOS 4,000 HRS. 2. T & E S.O.S. 3. CAT FILTERS 4. CAT OIL OR CAT SPEC OILS
300 3300 SCRAPER REAR ENGINE	6,000 HOURS/30 MONTHS  0-6,000 HRS. NON-PRORATED	1. TURBOS 4,000 HRS. 2. T & E S.O.S. 3. CAT FILTERS 4. CAT OIL OR CAT SPEC OILS

# STAR WARRANTY

## TRANSMISSIONS & TORQUE CONVERTERS

MACHINE COVERAGE	WARRANTY PERIOD	MAINTENANCE REQUIRED
OVAL TRACK TYPE TRACTORS SEE NOTE***	6,000 HOURS/30 MONTHS  0-1,500 HRS. NON-PRORATED AFTER 1,500 HRS. PRORATED FROM 0 HOURS  EXAMPLE: COMPONENT FAILS AT 4,500 HRS./18 MONTHS 4,500 ÷ 6,000 = 75% USER PAYS	1. T & E S.O.S. 2. CAT FILTERS 3. CAT OIL OR CAT SPEC OILS
ALL OTHER MACHINES SEE NOTE***	8,000 HOURS/32 MONTHS  0-2,000 HRS. NON-PRORATED AFTER 2,000 HRS. PRORATED FROM 0 HOURS  EXAMPLE: COMPONENT FAILS AT 6,000 HRS./20 MONTHS 6,000 ÷ 8,000 = 75% USER PAYS	1. T & E S.O.S. 2. CAT FILTERS 3. CAT OIL OR CAT SPEC OILS

NOTE\*\*\* TRANSMISSION STAR FEE \$500.00/UNIT  
NOTE\*\*\* TORQUE CONVERTER STAR FEE \$325.00/UNIT

# STAR WARRANTY

## POWER TRAIN MODULAR DESIGN COMPONENTS FINAL DRIVES, DIFFERENTIALS, TRANSFER GEARS

MACHINE COVERAGE	WARRANTY PERIOD	MAINTENANCE REQUIRED
ALL MACHINES SEE NOTE***	8,000 HOURS/32 MONTHS  0-2,000 HRS. NON-PRORATED AFTER 2,000 HRS. PRORATED FROM 0 HOURS  EXAMPLE: COMPONENT FAILS AT 6,000 HRS./20 MONTHS 6,000 ÷ 8,000 = 75% USER PAYS	1. T & E S.O.S. 2. CAT FILTERS 3. CAT OIL OR CAT SPEC OILS

NOTE\*\*\* FINAL DRIVE STAR FEE \$500.00/UNIT

NOTE\*\*\* DIFFERENTIAL STAR FEE \$500.00/UNIT

NOTE\*\*\* TRANSFER GEAR STAR FEE \$325.00/UNIT



Effective 11-1-97

# TRACTOR &E EQUIPMENT CO. WARRANTY



## STAR REBUILT ENGINES, 300 SERIES AND SCRAPER REAR ENGINE

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Engine Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

This warranty is subject to the following:

<b>Warranty Period</b>	6,000 HOURS - 30 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share of charges</b>	0-6000 SMH	NO CHARGE

**Transferability**      **The warranty may not be transferred to another purchaser.**

**T & E Responsibilities**      If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:

- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
- Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
- Usual and customary parts shipping charges via surface freight to the approved source.
- Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

**Purchaser Responsibilities**      The purchaser is responsible for:

- Travel time, mileage, meals and lodging, unless covered under special rebuild rates.
- All costs for transporting the component/machine.
- Premium or overtime labor costs.
- Local taxes, if applicable.
- Parts shipping charges in excess of those which are usual and customary.

**Purchaser Responsibilities continued**

- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- *The component must be on T & E's scheduled oil sampling program.*
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- Turbo(s) must be changed at 4000 hours.
- All updates must be incorporated into the component at time of rebuild.
- Cooling systems must be inspected by T & E and reconditioned at time of overhaul if deemed necessary for proper operation.

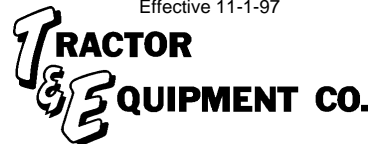
**Limitations**

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

CONTINUED ON REVERSE SIDE...



Effective 11-1-97



# WARRANTY

## STAR REBUILT ENGINES, 3300 SERIES

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Engine Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

This warranty does not apply to:  
\*Scraper rear engines

This warranty is subject to the following:

<b>Warranty Period</b>	8,000 HOURS - 32 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share of charges</b>	0-6000 SMH	NO CHARGE
	6001-8000 SMH	PRORATED FROM ZERO*

**\*Example** The engine fails 20 months after rebuild at 7000 hours. (7000 ÷ 8000 = 87.5%).  
The purchaser would pay 87.5% of the repair.

**Transferability** The warranty may not be transferred to another purchaser.

**T & E Responsibilities** If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:

- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
- Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
- Usual and customary parts shipping charges via surface freight to the approved source.
- Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

**Purchaser Responsibilities** The purchaser is responsible for:

- Travel time, mileage, meals, and lodging unless covered under special rebuild rates.
- All costs for transporting the component/machine.
- Premium or overtime labor costs.

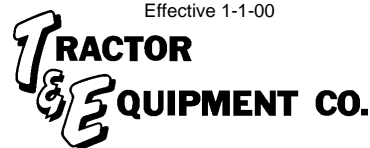
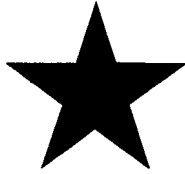
### Purchaser Responsibilities continued

- Local taxes, if applicable.
- Parts shipping charges in excess of those which are usual and customary.
- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- *The component must be on T & E's scheduled oil sampling program.*
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- Turbo(s) must be changed at 4000 hours.
- All updates must be incorporated into the component at time of rebuild.
- Cooling systems must be inspected by T & E and reconditioned at time of overhaul if deemed necessary for proper operation.

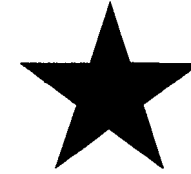
### Limitations

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

CONTINUED ON REVERSE SIDE...



Effective 1-1-00



# WARRANTY

## STAR REBUILT ENGINES, 3400 SERIES

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Engine Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

This warranty is subject to the following:

<b>Warranty Period</b>	10,000 HOURS - 34 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share of charges</b>	0-6000 SMH	NO CHARGE
	6001-10000 SMH	PRORATED FROM ZERO*

**\*Example**  
The engine fails 24 months after rebuild at 9000 hours. (9000 ÷ 10000 = 90%).  
The purchaser would pay 90% of the repair.

**Transferability**  
The warranty may not be transferred to another purchaser.

**T & E Responsibilities**  
If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:  

- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
- Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
- Usual and customary parts shipping charges via surface freight to the approved source.
- Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

**Purchaser Responsibilities**  
The purchaser is responsible for:  

- Travel time, mileage, meals, and lodging unless covered under special rebuild rates.
- All costs for transporting the component/machine.
- Premium or overtime labor costs.

### Purchaser Responsibilities continued

- Local taxes, if applicable.
- Parts shipping charges in excess of those which are usual and customary.
- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- *The component must be on T & E's scheduled oil sampling program.*
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- Turbo(s) must be changed at 5000 hours.
- All updates must be incorporated into the component at time of rebuild.
- Cooling systems must be inspected by T & E and reconditioned at time of overhaul if deemed necessary for proper operation.

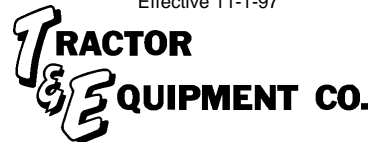
### Limitations

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

CONTINUED ON REVERSE SIDE...



Effective 11-1-97



# WARRANTY

## STAR REBUILT ENGINES, 3500 SERIES

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Engine Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

This warranty is subject to the following:

<b>Warranty Period</b>	12,000 HOURS - 36 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share of charges</b>	0-6000 SMH	NO CHARGE
	6001-12000 SMH	PRORATED FROM ZERO*

**\*Example** The engine fails 30 months after rebuild at 9000 hours. (9000 ÷ 12000 = 75%). The purchaser would pay 75% of the repair.

**Transferability** The warranty may not be transferred to another purchaser.

**T & E Responsibilities** If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:

- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
- Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
- Usual and customary parts shipping charges via surface freight to the approved source.
- Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

**Purchaser Responsibilities** The purchaser is responsible for:

- Travel time, mileage, meals, and lodging unless covered under special rebuild rates.
- All costs for transporting the component/machine.
- Premium or overtime labor costs.
- Local taxes, if applicable.
- Parts shipping charges in excess of those which are usual and customary.

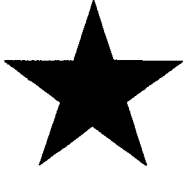
### Purchaser Responsibilities continued

- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- The component must be on T & E's scheduled oil sampling program.
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- Turbo(s) must be changed at 6000 hours.
- Injectors must be changed at 6000 hours.
- Ether injection system must be functioning.
- All updates must be incorporated into the component at time of rebuild.
- Cooling systems must be inspected by T & E and reconditioned at time of overhaul if deemed necessary for proper operation.

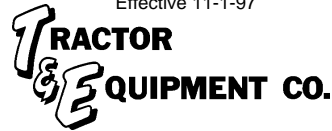
### Limitations

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

CONTINUED ON REVERSE SIDE...



Effective 11-1-97



# WARRANTY

## STAR REBUILT POWER TRAIN MODULAR DESIGN COMPONENTS TRANSMISSIONS, TORQUE CONVERTERS, FINAL DRIVES, DIFFERENTIALS AND TRANSFER GEARS

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Component Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

**This warranty does not apply to:**  
**\*Oval track-type tractors.**

This warranty is subject to the following:

<b>Warranty Period</b>	8,000 HOURS - 32 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share of charges</b>	0-2000 SMH	NO CHARGE
	2001-8000 SMH	PRORATED FROM ZERO*

**\*Example**      **The component fails 20 months after rebuild at 7000 hours. (7000 ÷ 8000 = 87.5%)**  
**The purchaser would pay 87.5% of the repair.**

**Transferability**      **The warranty may not be transferred to another purchaser.**

**T & E Responsibilities**      If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:

- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
- Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
- Usual and customary parts shipping charges via surface freight to the approved source.
- Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

**Purchaser Responsibilities**      The purchaser is responsible for:

- Travel time, mileage, meals, and lodging unless covered under special rebuild rates.
- All costs for transporting the component/machine.

**Purchaser Responsibilities continued**

- Premium or overtime labor costs.
- Local taxes, if applicable.
- Parts shipping charges in excess of those which are usual and customary.
- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- *The component must be on T & E's scheduled oil sampling program.*
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- All updates must be incorporated into the component at time of rebuild.

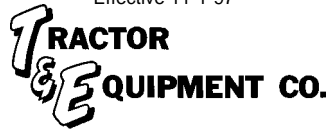
**Limitations**

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

**CONTINUED ON REVERSE SIDE...**



Effective 11-1-97



# WARRANTY

## STAR REBUILT OVAL TRACK-TYPE TRACTOR TRANSMISSIONS, AND TORQUE CONVERTERS

TRACTOR & EQUIPMENT CO. ("T & E") warrants to the original purchaser Star Component Rebuilds to be free from defects in material and workmanship under normal use and service as outlined in the chart below.

This warranty is subject to the following:

<b>Warranty Period</b>	6,000 HOURS - 30 MONTHS WHICHEVER COMES FIRST	
<b>Purchasers share</b>	0-6000 SMH	NO CHARGE

**Transferability** The warranty may not be transferred to another purchaser.

- T & E Responsibilities** If a defect in material or workmanship is found during the warranty period, T & E will provide at our place of business or other source approved by T & E:
- New, MCE, Remanufactured or Caterpillar approved repaired parts and/or components needed to correct the defect at T & E's choice.
  - Reasonable and customary labor during normal working hours needed to make the warranty repair, including labor for removal and installation where the purchaser paid for these services on the original repair.
  - Usual and customary parts shipping charges via surface freight to the approved source.
  - Lubricating oil, filters, antifreeze, and other service items made unusable by the defect.

- Purchaser Responsibilities** The purchaser is responsible for:
- Travel time, mileage, meals and lodging, unless covered under special rebuild rates.
  - All costs for transporting the component/machine.
  - Premium or overtime labor costs.
  - Local taxes, if applicable.

**Purchaser Responsibilities continued**

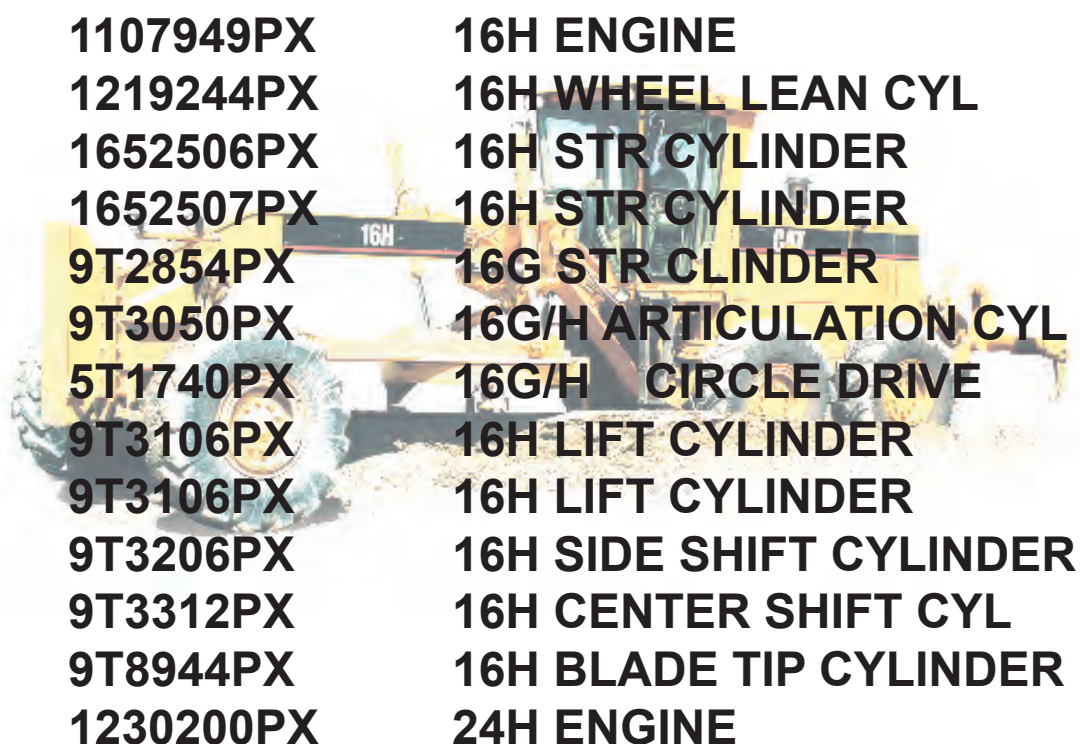
- Parts shipping charges in excess of those which are usual and customary.
- Costs to investigate complaints unless the problem is caused by a defect in material or workmanship covered by this warranty.
- *The component must be on T & E's scheduled oil sampling program.*
- Must use Caterpillar filters.
- Must use Caterpillar oil or oil that meets Caterpillar specifications.
- The engine service meter must be maintained in good condition and T & E notified in writing if meter is changed or set back.
- Component must be in a machine operated in T & E's Caterpillar service territory.
- Purchaser will notify T & E immediately if problems develop in the component and make component available for repair before removal or disassembly. Component oil and filter are to be saved.
- The component must be properly maintained and be used in an application for which it was designed.
- All updates must be incorporated into the component at time of rebuild.

**Limitations**

- T & E is not responsible for failure resulting from:
- Any use or installation which T & E judges improper.
  - Attachments, accessory items and parts not sold by T & E.
  - Abuse, neglect, alteration, accident, act of God and/or improper repair.
  - Purchasers unreasonable delay in making the component/machine available after being notified of a potential product problem.

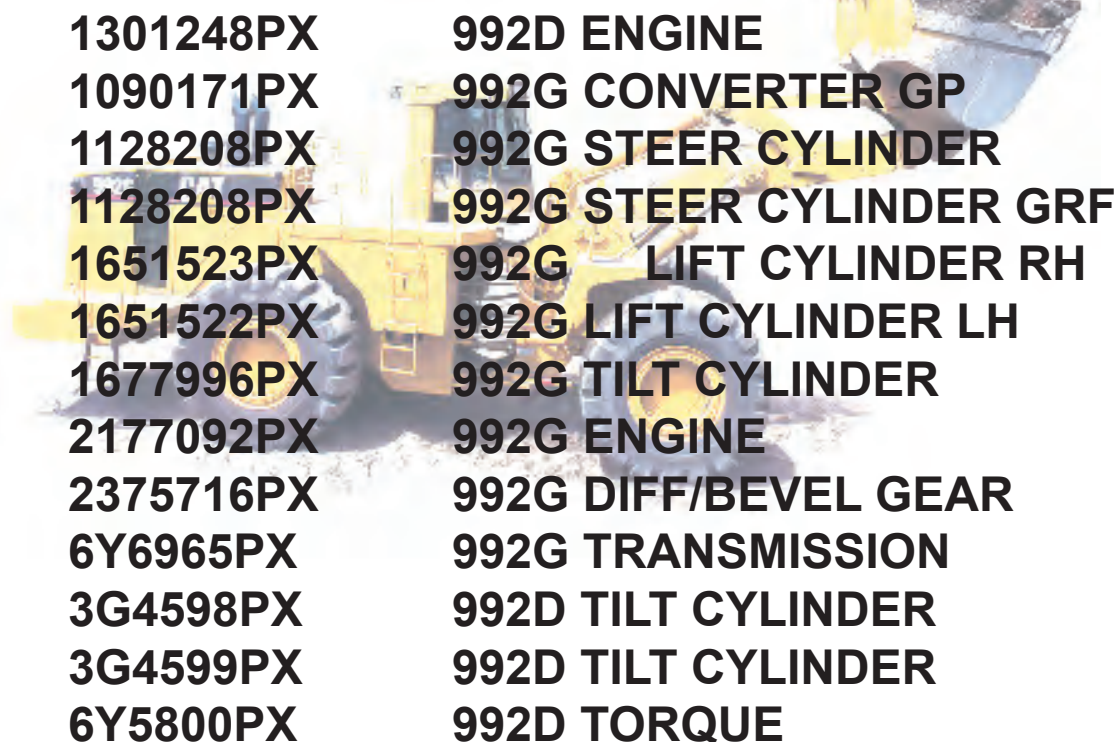
CONTINUED ON REVERSE SIDE...

# MOTOR GRADER - 16G/H



1107949PX	16H ENGINE
1219244PX	16H WHEEL LEAN CYL
1652506PX	16H STR CYLINDER
1652507PX	16H STR CYLINDER
9T2854PX	16G STR CLINDER
9T3050PX	16G/H ARTICULATION CYL
5T1740PX	16G/H CIRCLE DRIVE
9T3106PX	16H LIFT CYLINDER
9T3106PX	16H LIFT CYLINDER
9T3206PX	16H SIDE SHIFT CYLINDER
9T3312PX	16H CENTER SHIFT CYL
9T8944PX	16H BLADE TIP CYLINDER
1230200PX	24H ENGINE

# WHEEL LOADER - 992D/G



1301248PX	992D ENGINE
1090171PX	992G CONVERTER GP
1128208PX	992G STEER CYLINDER
1128208PX	992G STEER CYLINDER GRF
1651523PX	992G LIFT CYLINDER RH
1651522PX	992G LIFT CYLINDER LH
1677996PX	992G TILT CYLINDER
2177092PX	992G ENGINE
2375716PX	992G DIFF/BEVEL GEAR
6Y6965PX	992G TRANSMISSION
3G4598PX	992D TILT CYLINDER
3G4599PX	992D TILT CYLINDER
6Y5800PX	992D TORQUE

# HAUL TRUCKS - 777

8E9035PX	777 TRANSMISSION
8E8999PX	777C TORQUE CONVERTER
1215777PX	777C ENGINE
1550537PX	777D ENGINE
2474883PX	777D SUSP CYL REAR LOAD
1049410PX	777D DIFFERENTIAL
9T8813PX	777D SUSPENSION FRONT

# HAUL TRUCKS - 785

2456467PX	785 REAR BRAKE
1905058PX	785 FINAL DRIVE
6Y3944PX	785 TORQUE CONVERTER
3T0034PX	785 TRANSMISSION

# HAUL TRUCKS - 789

1061801PX	789 SUSPENSION GRP
1256046LPX	789 DIFF GRP LUBE
1256046PX	789 DIFF GRP LUBE
4T5182PX	789 SUSP GROUP
4T6797PX	789 STEERING CYL
6Y3945PX	789 TORQUE CONVERTER
8X8501PX	789 WHEEL BRAKE ASSY
8X9703PX	789 WHEEL BRAKE ASSY
8X9704PX	789 BRAKE GROUP

# CRAWLER TRACTOR - D10R/T




1715806PX	D10R ENGINE AKT
1926446PX	D10R RIPPER LIFT CYL
2122744PX	D10T ENGINE RJG
2320652PX	D10R BLADE TILT CYL
1060466PX	D10R/T CLUTCH GP-ST
1102656PX	D10R/T DRIVE GP-FIN
1565702PX	D10R/T ROLLER FRAME
1565703PX	D10R/T ROLLER FRAME
9T2869PX	D10R/T LIFT CYL G
4T9977PX	D10R/T RIPPER TILT CYL
1926445PX	D10R/T RIPPER LIFT CYL
2101612PX	D10R TORQUE AKT
2267614PX	D10T TORQUE RJG
8E1597PX	D10R RIPPER BEAM AKT
2135171PX	D10T TRANSMISSION RJG
2371017PX	D10T STEERING CLUTCH RJG

# CRAWLER TRACTOR - D11N - D11R


1018579PX	D11R RIPPER LIFT CYL
1018580PX	D11R RIPPER LIFT CYL
1189628PX	D11R STEERING CLUTCH
1303263PX	D11R RIPPER TILT CYL
1306381PX	D11R RIPPER TILT CYL
1761223PX	D11R FINAL DRIVE GP

# CRAWLER TRACTOR - D11N - D11R



1792516PX	D11R RIGHT UNDERCARR ARR
1792517PX	D11R LEFT UNDERCARR ARR
3041817PX	D11R GEAR GP-BEVEL
1943805PX	D11R TRANSMISSION
3082462PX	D11R DOZER TILT CYL
9T3715PX	D11R DOZER TILT CYL
1348244PX	D11R DOZER TILT CYL
7E9077PX	D11R COMPLETE ENGINE 4HK
4T2727PX	D11N LIFT CYL
4T2728PX	D11N LIFT CYL
1018581PX	D11R RH RIPPER LIFT CYL
1018614PX	D11R LH RIPPER LIFT CYL
1189628PX	D11R STEER CLUTCH/BRAKE
1210029PX	D11R TC GRP-W/TDR
1555556PX	D11R ENGINE AAF/7PZ
1761223PX	D11R FINAL DRIVE
2520471PX	D11R DOZER LIFT CYL
2520472PX	D11R DOZER LIFT CYL
3082464PX	D11R DOZER TILT

# FRONT SHOVEL - 5230



1006339PX	5230 ENGINE
1131923PX	5230 BOOM CYLINDER
1160437PX	5230 BUCKET CYL MASS X
1160439PX	5230 BUCKET CYL MASS X
1305986PX	5230 BUCKET CYL F/S B/D
2588106PX	5230 STICK CYL MASS X
1218909PX	5230 BOOM CYL F/S
1270865PX	5230 STICK CYL F/S
1270867PX	5230 BUCKET CYL F/S
1305986PX	5230 DUMP CYL
6E6051PX	5230 SWIVEL

# SCRAPER SECTION



3G8617PX	651E EJECTOR CYL
2W0657PX	657E REAR ENGINE
6G2960PX	657E GEAR GP DIFF
6G3260PX	657E GEAR G-TRANS
6G3570PX	657E GEAR GROUPDIFF
8N0970PX	657E FRONT ENGINE
8X1040X	657E REAR TRANSFER GRP
9G9418PX	657E TRACTOR TRANS
9W8540PX	657E SCRAPER TRANS
1496377PX	657E ENGINE AR
1866443PX	657E TRANSMISSION
3G8621PX	657E APRON CYL
4T5735PX	657E BOWL LIFT CYL
4T8563PX	657E STEERING CYL
8X1040PX	657E DIFFERENTIAL GEAR GP

# **KRESS**

<b>2136622PK</b>	<b>KRESS ENGINE</b>
<b>212940PX</b>	<b>KRESS DROP BOX</b>
<b>224024PX</b>	<b>200CII FRONT CYLINDER</b>
<b>224887PX</b>	<b>200CII REAR CYL</b>
<b>225349PX</b>	<b>200CII FRONT CYLINDER</b>

## **UNDERGROUND MINING EQUIPMENT**

<b>1546907PX</b>	<b>R1300 CYL LIFT</b>
<b>1554539PX</b>	<b>R1300 CYL STEERING</b>
<b>1869283PX</b>	<b>R1300 ARM AS-LIFT</b>
<b>9EP1121PX</b>	<b>R1300 EJECTOR BUCKET</b>
<b>9EP6139PX</b>	<b>R1300 REAR AXLE ARR</b>
<b>9EP6145PX</b>	<b>R1300 FRONT AXLE ARR</b>
<b>2110280PX</b>	<b>AD30 TRANS ARR</b>
<b>2120092 PX</b>	<b>AD30 CONVERTER ARR</b>
<b>2249465PX</b>	<b>AD30 LIFT CYLINDER</b>
<b>6E5024PX</b>	<b>AD30 STR CYLINDER</b>