

901 West 94th Street Minneapolis MN 55420-4236

Quantity Item

ZIEGLER CAT

MINNESOTA MISSOURI WISCONSIN

952-888-4121 800-352-2812 515-957-3800 800-342-7002 515-957-3800 800-342-7002 515-957-3800 800-342-7002

Invoice Number: SW080168409 Date: 12/30/19

0568920 Account No.:

Page: Unit Price Extended 2

TROUBLESHOOT ELECTRICAL TROUBLESHOOT FAULT CODES REPAIR PROCESS COMMENTS:

#5 AND #6 REMOTES NOT CALIBRATED. CONNECTED FLOW METER, BLOCKED OFF OIL COOLERS AND HEATED HYD OIL. PERFORMED CALIBRATIONS ON REMOTES. CHECKED OPERATION, OK. CHECKED FOR OTHER FAULTS, OK

N/R

F/R LBR

670.00 \*

SEGMENT 01 TOTAL

Description

670.00 T

REPAIR REACTION ARM RIGHT RIGHT REACTION ARM FAILED CAUSE OF FAILURE: RESULTANT DAMAGE: LEAKED OIL, BRGS FAILED REPAIR PROCESS COMMENTS: REPAIR PROCESS COMMENTS:
RIGHT SIDE OF TRACTOR HAS GRINDING NOISE. BROUGHT
INTO STEAM BAY AND CLEANED RIGHT SIDE
UNDERCARRRIGE. BROUGHT IN SHOP AND PUT ON STANDS.
INSPECTED AND FOUND OIL LEAKED OUT OF REACTION
ARM AND THE BRGS WERE FAILED. REMOVED REAR DRIVE
WHEELS, BOGIE WHEEL ASSEMBLY AND REMOVED REACTION
ARM. REMOVED REQUIRED ITEMS, CLEANED AND
INSTALLED ON EXCHANGE REACTION ARM, INSTALLED
REACTION ARM AND TORQUED COLLETS PER 4 STEP
TORQUING PROCEDURE. REINSTALLED DRIVERS AND BOGIE
ASSEMBLY. ASSEMBLY 1 3009746X1

400080X1 400260X1 2 505183D1 2 561598D2X 1

7.30 11.64 3.20 53.20 BOLT S
NUT S
WASHER/HARD 22IDX3S
BOLT/U 88MM STL M2N
PLUG/ASY MAGNETIC S
MT800 UPDATE RH RAN
CODE CHARGE N 7.30 2.91 .80 26.60 10.70 5952.00 2000.00 21.40 5952.00 2000.00 CORE CHARGE N NO CREDIT N TOTAL PARTS SEG. 80

F/R LBR

8048.74 \* 1638.00 \*

.00

SEGMENT 80 TOTAL

9686.74 T

ALIGN TRACKS
REPAIR PROCESS COMMENTS:
ALIGNING TRACKS AFTER REPLACING RT REACTION ARM.
ADJUSTED AND COULD NOT GET TRACKS TO ALIGN, FOUND
ADJUSTED AND COULD NOT GET TRACKS TO ALIGN, FOUND
FRONT LEFT IDLER WAS BROKEN AND THE INSIDE IDLER
WAS TAKING ALL THE PRESSURE OF THE TRACK,
WAS TAKING BOTH TRACK ALIGNMENTS. LEFT SIDE
AFFECTING BOTH TRACK ALIGNMENTS. LEFT SIDE
AFFECTION ARM WAS NOT STRAIGHT ON AXLE SHAFT,
REACTION ARM WAS NOT STRAIGHT ON AXLE SHAFT,
COLLET WITH 4 STEP PROCEDURE. CHECKED OIL IN LEFT
COLLET WITH 4 STEP PROCEDURE. CHECKED OIL IN LEFT
REACTION ARM, OK. CHECK PLUGS STRIPPED, REPLACED
REACTION ARM, OK. CHECK PLUGS STRIPPED, REPLACED
WITH NEW. CHECKED AFTER REPLACING IDLER ON SEG
WITH NEW. CHECKED AFTER REPLACING IDLER ON SEG
WITH TRACKS ALIGNED PROPERLY. 2 LOCK PLATES
82. BOTH TRACKS ALIGNED PROPERLY. 2 LOCK PLATES
FOR ADJUSTING BOLTS WERE MISSING, 2 LOCKING PLATE
FOR ADJUSTING BOLTS WERE BROKE OFF. DRILLED AND ALIGN TRACK BELT



ZIEGLER C	<u>at</u>		ZIEGLE	R car account	
901 West 94th Street Minneapolis MN 55420-4236		MINNESOTA IOWA MISSOURI WISCONSIN	952-888-4121 515-957-3800 515-957-3800 515-957-3800	800-342-7002 800-342-7002	
ce Number: SW080168	409 Date: 12/30/19	Account No.:	0568920	Page: 3	
Quantity Item	N/R Desc	ription	Unit Price	Extended	
REMOVED BROKEN BOLT 2 CH202-8633 2 CH202-9701 2 400055X1 2 400381X1	LTS, REPLACED MISSING F PLATE/LOCK SPACER/19.050DXI BOLT WASHER/HARD-13.5	L3 IN	16.00 4.89 .80 5.38	9.78	
		SEG. 81		54.14 *	4
		F/R L		630.00 *	
	SEGMENT 81 '	TOTAL.		684.14 T	
WEIGHTS FROM COTE	CORE CHARGE NO CREDIT TOTAL PARTS	ND CORE TIGHTENED  AN N N SEG. 8	1567.00 430.00 .00	1567.00 430.00 .00 1997.00 * 1161.50 *	
	SERVICE SUP	PLIES AND		441.35 T	
	ENVIRONMENT			724.71 T	
	STCLOUD MN			52.71 T	
	OMEANNS TOA	NSIT .25%		26.35 7	
	STEARNS TRA	NSIT .25%	* * * * * *	26.35 1	