VanWall EQUIPMENT

1611 Highway 65 | Hampton, IA 50441 | 641-456-2534 | vanwall.com

Invoice To Account No: 4

WARRANTY CUSTOMER	
22728 141ST DRIVE	
PERRY IA 50220	

Bus Phone: 515-465-5681
Prv Phone:

Deliver To:

Precision Manure Application Inc.
511 WASHINGTON AVE
IOWA FALLS IA 50126

Bus Phone: (641)373-2886
Prv Phone:

SERVICE INVOICE

Invoice Number:	10288062
Invoice Date:	11/14/2020
Location:	30
Work Order Number:	538795
Payment Type:	Account
Page:	1 of 2

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 8370R	4072	1RW8370RVFD105635	FD105635	

Wty1 Warranty
COMPLAINT:
01 Complaint: 1. Transmission defaults to neutral and does not sound right.
Codes that occurred: TII 000581.07 PTI 190.02
Failed part number: RE584713
Cause: Major internal failure of transmission.
DTAC Case #:
DTAC Solutions:

CAUSE:
Some major components came apart internally in the transmission, causing the failure.

CORRECTION:
Diagnostics Performed: Drive tractor and check transmission operation. Transmission will speed up and slow down like it is not staying in gear. Tractor will also default to neutral and is throwing codes for ring gear speed mismatch PTI 190.02. Run pressure checks and found pressures were ok. Drain oil from transmission and remove sump screen. Found metal and chunks of gear teeth in the screen.

Repairs Performed: Run pressure checks and found pressures were ok. Drain oil from transmission and remove sump screen. Found metal and chunks of gear teeth in the screen. As tractor has powergard on it, talk with our TCSM (David Moline) and he said to order a reman for it. Order transmission. Drain all contaminated hydraulic oil from the tractor. Remove and replace transmission per book procedure.   Install new wiring harness that came with transmission. Fill tractor with new hydraulic oil and replace filter. Run tractor to check transmission operation. Perform calibrations as needed and check for leaks - ok. Wash off machine where repairs were made.

Tech XID: X719995
Labor Breakdown:
Diagnostic: 1.25
Repair: 26.25
Clean up: 0.5
Clean work area.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
19M7785	10 X 25 GRD8 FLT	1.00	1.10	1.10	$1.10	N
F3171R	O-RING	2.00	2.42	2.42	$4.84	N
P50631	O-RING	1.00	3.81	3.81	$3.81	N
R122886	O-RING	1.00	4.69	4.69	$4.69	N
R183409	O-RING	3.00	1.13	1.13	$3.39	N

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Wty1 Warranty

R183412	O-RING	1.00	1.72	1.72	$1.72	N
R228278	GASKET	1.00	171.12	171.12	$171.12	N
R529510	GASKET	2.00	22.01	22.01	$44.02	N
R56465	O-RING	2.00	1.46	1.46	$2.92	N
R61015	O-RING	1.00	3.03	3.03	$3.03	N
RE573817	Filter Element	1.00	143.45	143.45	$143.45	N
RE576834	RECEIVER-D	1.00	46.51	46.51	$46.51	N
RM100075	Transmission Reman	1.00	39,026.90	39,026.90	$39,026.90	N
RM100075-CR	CORE for:Transmission Reman	-1.00	3,000.00	3,000.00	($3,000.00)	N
TY22028B	HY-GARD	156.00	3.41	3.41	$531.96	N

Miscellaneous	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
FREIGHT30	FREIGHT-LOC 30	1.00	35.00	35.00	$35.00	N
WARRDEDU30	WARRANTY DEDUCTIBLE-LOC 30	1.00	0.00	-500.00	($500.00)	N

Labor: $3,641.99	Parts: $36,989.46	OL&M: $0.00	Misc: ($465.00)	Sub-Total: $40,166.45

Customer PO No:	
Tax Exempt No:	ONFILE
Advisor:	KEN PUTZ

* * * DOCUMENT COPY * * *

Labor:	$3,641.99
Parts:	$36,989.46
OL&M:	$0.00
Misc:	($465.00)
Sales Tax:	$0.00
Grand Total:	$40,166.45

TERMS AND CONDITIONS

Van Wall Equipment assumes no responsibilty for loss or damage by theft or fire to machines placed with us for storage, sale, repair, or while field testing.

Received by: .... Date: ....