



PROVOST:
P.O. Box 238, 3403 57th Ave.
Provost, AB T0B 3S0
Phone: 780-753-2278
Fax: 780-753-2282

Ship to: IN STORE PICKUP

Invoice to: BRI PROVOST INTERNAL
. AB X0X 0X0

Branch PROVOST		
Date 10/05/22	Time 22:21:00 (B)	Page 03
Account No. BRI03	Phone No.	Invoice No. W13577
Ship Via		Purchase Order
		Salesperson 334

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
C009477	combine 9870STS		1E H09870S725567	08/02/09	
JD9201	ECCENTRIC LOCKI Eccentric Locking Collar	1		08/01/12	1000 P
JD9202	BALL BEARING	1		28.15	28.15
M48583	SHAFT KEY	4		56.24	56.24
TY26408	HD460	5		14.24	56.96
TY26815	80w90	3	0	47.88	239.40
26M4226	SHAFT KEY	1		46.26	138.78
				5.08	5.08
				PARTS	1429.36
				LABOR	1773.75
46001203				SEGMENT TOTAL==>	3203.11

SEGMENT# 4 C 334 NA 09/15/22 09/15/22

FEED ACCELERATOR CORRECTION: 2.00 HRS

-REMOVED AND REPLACED FEED ACCELERATOR BELT

ADDITIONAL DESCRIPTION:

LINE 48-REPLACE FEED ACCELERATOR DRIVE BELT (H221733) 2HRS

H221733	V-BELT	1		289.08	289.08
				PARTS	289.08
				LABOR	330.00
46001203				SEGMENT TOTAL==>	619.08

SEGMENT# 5 C 334 NA 09/15/22 09/15/22

LEFT HAND SIDE 4.75 HRS

CORRECTION:

REPLACED HYDRAULIC FILTER

RE LEVELED AND CALIBRATED CONCAVE

REPLACED SEPARATOR LOSS PAD THAT'S NOT WORKING

REPLACED UNLOADING AUGER DRIVE CHAIN

REPLACED HYDRO STATIC FILTER

CONTINUED ON PAGE 04

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CAMROSE:
4717 38th St
Camrose, AB T4V 3W9
Phone: 780-672-4463
Fax: 780-679-2246

KILLAM:
5807 51st Ave.
Killam, AB T0B 2L0
Phone: 780-385-3993
Fax: 780-385-2423

PROVOST:
P.O. Box 238, 5803 47th Ave.
Provost, AB T0B 3S0
Phone: 780-753-2278
Fax: 780-753-2282

WAINWRIGHT:
1601 - 23 Street
Wainwright, AB T9W 1L2
Phone: 780-842-2171
Fax: 780-842-2700

Signature: _____



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	Salesperson	
	334	

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
C009477	combine	1E H09870S725567	08/02/09	
	9870STS		08/01/12	1000 P
	46001203		SEGMENT TOTAL==>	1622.07

SEGMENT# 6 C 334 NA 09/15/22 09/15/22 6.00 HRS

RIGHT HAND SIDE

CORRECTION:

- REPLACED CHOPPER JACK SHAFT BELT TENSIONER ROD AND INDICATION
- REPLACED BRAKE RESERVOIR AND BLEED BRAKES
- REPLACED REAR COUNTER SHAFT BELT (H154723)
- REPLACED TAILINGS ELEVATOR RETURN AUGER DRIVE CHAIN
- REPLACED TAILINGS ELEVATOR DRIVE BELT (H154731)
- ADJUSTED CLEAN GRAIN ELEVATOR CHAIN TENSION
- ADJUSTED TAILINGS ELEVATOR PADDLE CHAIN TENSION

ADDITIONAL DESCRIPTION:

- REPLACE CHOPPER JACK SHAFT BELT TENSIONER ROD AND INDICATION: 1.5HRS
- REPLACE BRAKE RESERVOIR AND BLEED BRAKES 2HRS
- LINE 141-REPLACE REAR COUNTER SHAFT BELT (H154723) 1.5HR
- LINE 153-REPLACE TAILINGS ELEVATOR RETURN AUGER DRIVE CHAIN 0.25HR
- LINE 155-REPLACE TAILINGS ELEVATOR DRIVE BELT (H154731) 0.25HR
- LINE 158-ADJUST CLEAN GRAIN ELEVATOR CHAIN TENSION 0.25HR
- LINE 163-ADJUST TAILINGS ELEVATOR PADDLE CHAIN TENSION 0.25HR

AE23539	Link Chain	1	72.10	72.10
AH221763	Yoke Link End	1 N	122.94	122.94
AXE62144	Reservoir	1	129.69	129.69
H127752	O-RING	1	2.46	2.46
H154723	V-BELT	1	168.87	168.87

CONTINUED ON PAGE 06

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CAMROSE: 4717 38th St Camrose, AB T4V 3W9 Phone: 780-672-4483 Fax: 780-679-2248	KILLAM: 5807 51st Ave. Killam, AB T0B 2L0 Phone: 780-385-3593 Fax: 780-385-2423	PROVOST: P.O. Box 238, 5903 47th Ave. Provost, AB T0B 3S0 Phone: 780-753-2278 Fax: 780-753-2282	WAINWRIGHT: 1601 - 23 Street Wainwright, AB T9W 1L2 Phone: 780-842-2171 Fax: 780-842-2700
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Date 10/05/22	Time 22:21:00 (B)	Page 06
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SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
C009477	combine 9870STS		1E H09870S725567	08/02/09 08/01/12	1000 P
H154731		V-BELT		1 67.72	67.72
H224388		GAUGE		1 N 36.21	36.21
M72598		QUICK LOCK PIN		6 3.84	23.04
14M7298		FLANGE NUT		6 1.95	11.70
19M7866		SCREW		6 2.34	14.04
37M7058		SCREW		6 N 2.08	12.48
				PARTS	661.25
				LABOR	990.00
46001203				SEGMENT TOTAL==>	1651.25

SEGMENT# 7 C 334 NA 09/15/22 09/15/22 10.50 HRS

CORRECTION:

BLEW OUT AND CLEAN AFTER COOLER
 TOPPED UP COOLANT
 REPLACED AIR FILTERS INNER + OUTER
 REPLACED HYDRO CHARGE FILTER
 REPLACED MAIN HYDRAULIC FILTER
 REPLACED ENGINE OIL + FILTER
 REPLACED ENGINE GEAR CASE OIL + FILTER
 REPLACED ENGINE PTO GEAR CASE OIL
 CLEANED RADIATOR/HOSES OUT
 REPLACED FUEL TANK VENT
 REPLACED FUEL FILTER PRIMARY AND SECONDARY. CLEANED
 SEDIMENT BOWL AS WELL
 REPLACED MISSING RAIN CAP

ADDITIONAL DESCRIPTION:

LINE 171-BLOW OUT AND CLEAN AFTER COOLER 1HR
 LINE 174-TOP UP COOLANT 0.25HR
 LINE 175-REPLACE AIR FILTERS INNER + OUTER 0.25HR

CONTINUED ON PAGE 07

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C009477	combine 9870STS		1E H09870S725567	08/02/09 08/01/12	1000 P
RE572785			Oil Filter	1	114.79
TY22062			HY-GARD	1	89.59
TY26575			COOL-GARD TM	1	23.04
TY26675			PLUS-50 TM E	2	90.57
	Plus-50 II Oil		15W40 CJ4/SN		
TY26679			PLUS-50 TM E	1	169.37
	Plus-50 II Oil		15W40 CJ4/SN		
TY6296			GL-5/80w-90	2	17.60
11M7032			COTTER PIN	1	1.26
			PARTS		2454.43
			LABOR		1732.50
	46001208		SEGMENT TOTAL==>		4186.93

SEGMENT# 8 C 334 NA 09/15/22 09/15/22 2.50 HRS

CAB SECTION

CORRECTION:
 REPLACED CAB AIR FILTERS
 TOPPED UP WINDSHIELD WIPER FLUID
 REPLACED LOCKING NUT AND STEERING COLUMN.

ADDITIONAL DESCRIPTION:

LINE 222-REPLACE CAB AIR FILTERS 0.25HR
 LINE 224-TOP UP WINDSHIELD WIPER FLUID 0.25HR
 LINE 231-REPLACE LOCKING NUT AND STEERING COLUMN. MAY NEED
 TIME TO DIAGNOSE LOCKING PROBLEM 2HRS

AH115833	AIR FILTER	1	108.56	108.56
AL155227	COVER	1 N	57.45	57.45
B3690R	O-RING	1	8.23	8.23
FRT	FREIGHT	1	11.00	11.00
H108822	KNOB	1 N	50.48	50.48
H220870	AIR FILTER	1	69.73	69.73

CONTINUED ON PAGE 09

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KILLAM:
 5807 51st Ave.
 Killam, AB T0B 2L0
 Phone: 780-385-3893
 Fax: 780-385-2423

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C009477	combine 9870STS		1E H09870S725567	08/02/09 08/01/12	1000 P
T17148			LOCK WASHER	1 N 5.82	5.82
14M7257			NUT	1 4.52	4.52
14M7273			NUT	1 .91	.91
15215			WASHER FLUID	1 8.61	8.61
19M7164			M8 X 50MM AT	1 M 2.83	2.83
			PARTS		328.14
			LABOR		412.50
	46001203		SEGMENT TOTAL==>		740.64

SEGMENT# 9 C 334 NA 09/15/22 09/15/22

AMS. 3.00 HRS

CORRECTION:

- REPLACED CAB LIGHTS DIMMER SWITCH
- RE MOVED AND REPLACED ROTOR SPEED UNION FITTING

ADDITIONAL DESCRIPTION:

- REPLACE CAB DIMMER SWITCH 1HR
- REPLACE ROTOR SPEED UNION FITTING 2HRS
- ***
- ***-REPLACE REAR HYDRO HOSE PLASTIC HOLDER (X4 TOPS AND BOTTOM) 2HRS - NOT AFFECTING HOW THE COMBINE FUNCTIONS -

SALES HAS DECIDED NOT TO DO THIS WORK***

AH160236	SENSOR	1	171.04	171.04
AXE17073	UNION FITTING	1	546.86	546.86
	PARTS			717.90
	LABOR			495.00
	46001203		SEGMENT TOTAL==>	1212.90

***** WORK ORDER TOTALS *****

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STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS	
C009477	combine	1E H09870S725567	08/02/09		
	9870STS		08/01/12	1000 P	
				INTERNAL	CUSTOMER
			PARTS	6718.48	
			LABOR	7592.50	
			SERV ACCESORIES	100.00	
			INTERNAL TOTAL	14410.98	

1-877-913-3373

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Signature: _____



BATTLE RIVER IMPLEMENTS "60 & 70 SERIES STS COMBINE" INSPECTION

CUSTOMER COMBINE INFORMATION

Name: **Battle River Implements** Serial Number: **H098705725567**

Phone: **780-753-2278** Engine Hours: **3652**

Date: **2022-09-08** Separator Hours: **2788**

Work Order #: **W13577-01** Stock #: **L009477** Level (Circle One)

Warranty End Date:

Instructions	RECON			CONDITION		Recommender Service Intervals (Annual *)	Estimated Repair Time	Recommended Service, Inspection Specification, Additional Information	Comments
	1	2	3	OK	Repair/Replace				
1 Complete Grease - Perform during initial inspection - Included in initial inspection price	Y	Y	Y	✓				Perform complete grease job as per OM recommendations MANDATORY FOR ALL UNITS AT INITIAL INSPECTION	
2 Front Chaffer Extension - Removal	Y	Y		✓				Remove FCE and install required parts in place. 4 hrs labor (2 men @ 2 hours) plus parts (\$530) MANDATORY FOR ALL BATTLE RIVER 680/690's WHERE APPLICABLE	Remove Chaffer, Remove FCE and install the following: 4 - H132161 (Plastic Fingers), 3 - H232985 (Dividers), 8 - 19m7785 (bolts) Replace Chaffer
3 Check & Adjust - Tire Pressure and Torque all Wheel Hardware	Y	Y		✓				Adjust to OM specifications	
4 Oil Filter Instructions: "Oil Filters" have to have hours on them when Filter is changed.	Y	Y	Y	✓				MANDATORY FOR ALL UNITS (Battle River & Customer)	
5 Oil Level & Gear Box Instructions: "Oil Filler Caps & Oil Level Plugs" to be marked with a Paint Marker to indicate level has been checked according to Procedure.	Y	Y	Y	✓				MANDATORY FOR ALL UNITS (Battle River & Customer)	
6 Remove Competitors Labels and Decals	Y	Y	Y	✓				MANDATORY FOR ALL BATTLE RIVER UNITS	

7	Install a "Battle River Implements - Function Tested and Ran by" certification label	Y	Y	Y						Install labels adjacent to Combine and Header Serial # after Work Completed & Inspected by Service Manager (Indicate level of Inspection)	
Control System		RECON			CONDITION		Recommended Service Intervals (Annual *)	Estimated Repair Time	Recommended Service, Inspection Specification, Additional Information	Comments	
		1	2	3	OK	Repair / Replace					Needs Adjusted
Fluid test kit - DKGA2019CAN											
8	Stored Codes	Y	Y							Record & Clear all Stored Codes	
9	New Controller Software	Y	Y		✓						
10	ECU Load Profile (if equipped)				✓					Download ECU profile, analyze & review with customer.	
Feeder House Area		RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments	
		1	2	3	OK	Needs Replaced					Needs Adjusted
11	Safety Shields	Y	Y	Y	✓						
12	Pro-Drive Filter	Y								Replace at 100 hrs then every 400 hrs	
13	Feeder Drum				✓					Dented to the point that function is impeded	
14	Feeder Drum				✓					Drum condition: Cosmetic Dents	
15	Feeder House Drive Chain, Sprockets, Idlers & Guides	Y	Y					1 Hr		Chain - 1.5% Elongation	Replace chain and idler sprockets
16	Back Shaft Speed Sensor & Wiring Harness	Y	Y		✓						
17	Slip Clutch	Y	Y		✓					Remove & check splines on shaft	
18	Reverser/Header Drive Spine Shaft, Hoses, Couplers & Wiring	Y	Y		✓			4.5 Hr			Replace bearing and lock collar
19	Drum - Wear Ring, Bearings, Supports, Stops & Pins	Y	Y		✓					Drum condition: Cosmetic dents or dented to the point that function is impeded	
20	Floor Sheet & Seal	Y	Y		✓					Check for holes	
21	Feed Plate	Y	Y		✓					Worn through the hinges	
22	Stone Trap	Y	Y		✓						
23	Feeder House Reverser Cooler (if applicable)	Y	Y								
24	Hydro Motor - Housing & Fillings	Y	Y		✓						

41	Top Variable Drive, Sheaves & Bearings	Y	Y	✓	✓		Top Variable Sheaves = 3mm			
42	Hoses, Couplers & Wiring	Y	Y	✓	✓					
43	Check Frame for Cracks & Holes	Y	Y	✓	✓					
44	Feeder House Position Sensor & Wiring	Y	Y	✓	✓					
45	Shoe Auger, Speed Sensor & Wiring Harness	Y	Y	✓	✓			Auger - Worn to 1mm, Sharp Edges or Damaged		
46	Check Multi-point harness and hoses	Y	Y							
47	Check single-point connection, cartridges and pins	Y	Y					2 Hrs		Clean up and see where leak is.
	Feed Accelerator (FAST)	RECON			CONDITION		Now Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	OK	Needs Replaced	Needs Adjusted			
48	Feed Accelerator Drive Belt	Y	Y			✓		2 Hrs	Get part # off old belt	Replace belt (H221733)
49	Feed Accelerator Tension Arm, Spring & Idler	Y	Y		✓	✓				
50	Feed Accelerator - Wings & Bearings	Y	Y		✓	✓				
51	Serrated Wear Strips (if applicable)	Y	Y		✓			8mm thick 51mm height	After strips have been half worn & reversed, replace if height is shorter than original - All must be replaced at the same time	
52	Smooth Wear strips (if applicable)	Y	Y					8mm thick 51mm height	After strips have been half worn & reversed, replace if height is shorter than original - All must be replaced at the same time	
53	Back Swept Wear Strips (if applicable - most common)	Y	Y					8mm thick	Leading edge wears to the point, reducing overall height dimension	
54	Plastic Dust Shroud	Y	Y		✓	✓			Thin Spots or Holes	
55	Rotor Bearing, Speed Sensor & Wiring	Y	Y		✓	✓				
56	Tilt-Flow Feed Ramp	Y	Y		✓	✓			Worn through or damage	
57	Front Feed Flights	Y	Y		✓	✓		5 mm above rear flight support	Outer edge is worn down approx. 6 mm. Embossed part number on the top of the rear feed flight support will be worn off	

68	Rear Feed Flights	Y	Y	/		8 mm thick		When the casting number on the rear flight begins to wear off	
NOTES:									
Left-Hand Side	RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments
	1	2	3	OK	Needs Replace				
69	Safety Shields	Y	Y	Y	✓	/			
80	Electric Clutch & Brush Module	Y	Y		✓	/		Check pulley for movement	
61	Primary Countershaft 800 Gear Case	Y	Y	Y	✓	/	1 Hr		Replace Gearcase mounting bushings.
62	Drive Shaft -				✓	/			
63	Engine to 900 Gear Case U-joints	Y	Y		✓	/			
64	Front End Drive Belt	Y	Y		✓	/			
65	Reel Pump & Bearings	Y	Y		✓	/			
66	Reel Speed Valve & Actuator	Y	Y		✓	/			
67	Cleaning Fan, Housing, Fins, Bearings, Speed Sensor & Wiring	Y	Y		✓	/			
68	Cleaning Shoe Pitman Arms, Hangers, Bolts, Bearings & Bushings	Y	Y		✓	/		Get part #s off arms if needed.	
69	Clean Grain Auger Speed Sensor & Wiring	Y	Y		✓	/		Auger - Worn to 1mm, Sharp Edges or Damaged	
70	Tailings Auger Speed Sensor & Wiring	Y	Y		✓	/		Auger - Worn to 1mm, Sharp Edges or Damaged	
71	Hydraulic Filter - Hoses & Fittings	Y	Y	Y	✓	/	15 min		Replace filter
72	Hydraulic Stack Valve & Accumulator	Y	Y		✓	/			

73	Separator Frame	Y	Y	✓						
74	Inspect concave inserts	Y	Y	✓						
75	Top Covers - Feeding, Threshing & Separating	Y	Y	✓					Worn through or damaged	
76	Plastic Threshing & Separator Covers	Y	Y	Y	✓					
77	Separator Side Rail	Y	Y	✓						
78	Rotor mid-plate	Y	Y	✓						
79	Concave Z-Bar	Y	Y	✓					Must be worn through the second layer of material	
80	Concave Actuator Motor, Gears & Linkage	Y	Y	✓						
81	Concaves			✓						
82	Small Wire Concave	Y	Y	✓			38 mm		Bar less than 34 mm	
83	Small Wire Interrupter Bar	Y	Y	✓			19mm		Less than 15mm	
84	Large Wire Concave	Y	Y	✓			36mm		Bar less than 34 mm	
85	Round Bar Concave	Y	Y	✓			16mm		Bar is less than 12mm	
Left-Hand Side--continued		RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	Needs Replace	Needs Adjusted				
86	Concave Level and Zero	Y	Y			✓		2 Hrs	After Level & Zero is complete perform Concave Clearance Calibration in "User Calibrations"	MANDATORY FOR ALL BATTLE RIVER RETAIL UNITS <i>Re-level and Calibrate Concave</i>
87	Filter Plates	Y	Y	✓					Inspect & install 3 filter plates and 3 additional hangers & hardware	
88	Threshing Elements	Y	Y	✓			Std. 18mm Rice 24mm		Std. Trailing edge is worn to 13mm	
89	Separator Grates	Y	Y	✓			NA		When fingers wear to a point or broken out	
90	Separator Grate Filler Plates	Y	Y	✓					Standard Duty- 20 filler plates Heavy Duty- 12 filler plates	
91	Separator Tines	Y	Y	✓			124mm		Less than 110 mm (Measure on the rear edge of tine from base to highest point) - Replaced in Sets of Three	
92	Cleaning Shoe Augers & Rear Bearings	Y	Y	✓					Auger - Worn to 1mm, Sharp Edges or Damaged	

93	Clearing Shoe Auger Troughs	Y	Y	✓							
94	Separator Loss Monitor, Pads and Wiring	Y	Y	✓				1 Hr	Components Inplace / recommend testing	Replace separator loss Pad.	
95	Separator Shaker Pan	Y	Y						Bending or Damage		
96	Unloading Auger Sump, Bevel Drive Gears & Bearings	Y	Y	✓							
97	Unloading Auger Drive Chain, Sprockets & Guides	Y	Y	✓				15mm	Chain - 1.5% elongation	Replace chain	
98	Unloading Auger Jackshaft, Pulleys & Bearings	Y	Y	✓							
99	Unloading Auger Drive Belts, Tensioner, Guides & Cylinder	Y	Y	✓							
100	Switches	Y	Y	✓							
101	Shoe & Service Lights	Y	Y	✓							
102	Chopper Raise & Lower	Y	Y	✓							
103	Rotor Variable Sheaves	Y	Y	✓					Max - 10mm, Min 6mm & Spec 8mm		
	Check oil in Rotor Gearbox	Y	Y	✓							
104	Rotor Speed Shift Lever	Y	Y	✓							
105	Hydrostatic Filter - Hoses & Fittings	Y	Y	✓				15mm		Replace Filter	
106	Hydro Cable	Y	Y	✓							
	Left Hand Side - continued	RECON		CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments		
		1	2	3	OK	Needs Replaced	Needs Adjusted				
107	Discharge Beater, Bearing, Belt & Sheaves	Y	Y	✓							
108	Frame	Y	Y	✓							
109	Discharge Beater Speed Sensor & Wiring	Y	Y	✓							
110	Discharge Beater Wings & Wear Strips	Y	Y	✓				4.5 mm, 50 mm Height	When Wear Strips Loose Original Height		
111	Discharge Beater Grate	Y	Y	✓							
112	Chaffer & Sieve Adjustment Gauges	Y	Y	✓							
113	Steering Cylinder & Tie Rod	Y	Y	✓							

114	Rear Axle & Spindles	Y	Y	✓						
115	Wheel Bearings & Seals	Y	Y	✓						
116	Rear Wheel & Tire	Y	Y	Y	✓				Toe-in Front of Steering Wheels - 13mm; Torque - non powered - 315 N.m (232 lb-ft), powered - 200 N.m + 1/4 turn (150 lb-ft + 1/4 turn)	
117	Power Rear Wheel Assist, Hoses & Fittings	Y	Y							
118	Gull Wings & Air Cylinders	Y	Y	Y	✓			1 Hr		Replace bulb on front Gull wing door clean lenses on all 3
119	Chopper Jack Shaft Drive Belts	Y	Y		✓					
120	Chopper Speed Sensor & Wiring	Y	Y		✓					
121	Chopper Engage Tension Arm & Idler Pulley	Y	Y		✓					
122	Chopper Drive Belt, Idler & Bearings	Y	Y		✓					
123	Chopper Raise/Lower Cylinder	Y	Y	Y	✓					
124	Chopper	Y	Y		✓			2 Hrs		Turn or Replace chopper Hammer Knives.
125	Tail Board & Vanes	Y	Y		✓					
126	Rotor & Bearings	Y	Y		✓					
127	Housing & Knife Bank	Y	Y		✓			1 Hr		Replace Knife bank Knives.
128	Cab Deflector Door	Y	Y		✓					
129	Shoe Loss Monitor & Wiring	Y	Y		✓					
130	Front Chaffer, Chaffer, Sprock & Seals	Y	Y		✓					
131	Shoe Frames & Seals	Y	Y		✓					
132	Rear Panel, Lights & SMV Sign	Y	Y	Y	✓					
133	Spreader	Y	Y		✓					
134	Disks & Rubber Flaps	Y	Y		✓					
135	Hydraulic Motor, Hoses & Fittings	Y	Y		✓					
	Right-Hand Side	RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	OK	Needs Repairs	Needs Adjusted			
136	Safety Shields	Y	Y	Y	✓					

* Replace Chopper Jackshaft belt tensioner rod and indicator - 1.5 Hr
 - Replace Brake reservoir and bleed brakes. 2 Hrs

137	Gull Wings & Air Cylinders	Y	Y	Y	✓							
138	Cab Wall Electrical Connectors	Y	Y		✓							
139	Primary Countershaft Bearing	Y	Y		✓							
140	Front Counter Shaft Bell, Tensioner & Pulleys	Y	Y		✓							
141	Rear Counter Shaft Bell, Tensioner & Pulleys	Y	Y		✓			1.5Hr			Replace Belt H154723	Cut through
142	Top Covers - Feeding, Threshing & Separating	Y	Y		✓					Worn through or damaged		
143	Plastic Threshing & Separator Covers	Y	Y	Y	✓							
144	Separator Side Rail	Y	Y		✓							
145	Concave Z-Bar	Y	Y		✓					Must be worn through to the second layer of material		
146	Concaves & Hangers	Y	Y		✓							
147	Separator Grates	Y	Y		✓			NA		When fingers wear to a point or broken out		
148	Cleaning Shoe Pitman Arms, Hangers, Bolts, Bearings & Bushings	Y	Y		✓							
149	Cleaning Fan Housing, Fins & Bearings	Y	Y		✓							
150	Shoe, Fan & Conveyor Auger Belt, Idlers, Tensioner & Pulleys	Y	Y		✓							
151	Cleaning Fan Variable Bolt	Y	Y		✓							
152	Cleaning Fan Adjustment Motor, Linkage & Variable Shoaves	Y	Y		✓							
153	Tailings Elevator Return Auger Drive Chain	Y	Y		✓			20min		1.5% elongation	Replace Chain	
154	Tailings Elevator Return Auger, Bearings & Boot	Y	Y		✓			3 mm Thick 67 mm Height		Auger - Worn to 1mm, Sharp Edges or Damaged		
Right Hand Side - continued		RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments		
1	2	3	OK	Needs Replaced	Needs Adjusted							
156	Tailings Elevator Drive Belt, Tensioner, Idler & Sheaves	Y	Y		✓			15min			Replace belt H154731	
159	Tailings Elevator Slip Clutch	Y	Y		✓							
167	Clean Grain Drive Belt & Idlers	Y	Y		✓							

168	Clean Grain Elevator Chain, Paddles, Sprockets & Bearings	Y	Y				✓	Paddles - 78mm x 151mm	15mm	Paddles - 3mm wear on three working surfaces (75mm x 175mm) 3 1/2 links in chain for adjustment	Adjust chain tension
169	Clean Grain Elevator Housing & Boot	Y	Y			✓					
160	Green Star Yield & Moisture Sensor & Wiring	Y	Y			✓				Clean	
161	Tailings Housing & Boot	Y	Y			✓					
162	Tailings Elevator Monitor Sensor & Wiring	Y	Y			✓					
163	Tailings Elevator Paddle Chain and Sprockets	Y	Y				✓	Paddles - 78mm x 151mm	15mm	Paddles - 3mm wear on three working surfaces (75mm x 175mm) 2 1/2 links in chain for adjustment	Adjust chain tension
164	Tailings Auger & Bearings	Y	Y			✓				Auger - Worn to 1mm, Sharp Edges or Damaged	
165	Grain Tank Unloading Cross Auger Bearings	Y	Y			✓					
166	RH Control Unit & Wiring	Y	Y			✓					
167	Steering Cylinder & Tie Rod	Y	Y			✓					
168	Power Rear Wheel Assist, Hoses & Fittings	Y	Y								
Engine Compartment		RECON			CONDITION			New Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	OK	Needs Replaced	Needs Adjusted				
169	Ladder	Y	Y	Y	✓						
170	Rotary Screen & Belt	Y	Y								
171	After Cooler & Fins	Y	Y		✓				1 Hr		blow out clean
172	Check Oil Cooler	Y	Y		✓						
173	Lines for Oil Cooler & A/C	Y	Y		✓						
174	Coolant Level	Y	Y	Y	✓				15min	6 years or 6000 hrs	Top up coolant
175	Air Filter & Aspirator	Y	Y	Y	✓				15min		Replace Air filters inner Outer
Engine Compartment continued		RECON			CONDITION			New Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	OK	Needs Replaced	Needs Adjusted				
176	Hydro Charge filter	Y	Y	Y	✓				15min	400 hours	Replace filter

177	Main Hydraulic filter	Y	Y	Y	✓	•	15mm	400 hours	Replace
178	Drive Belts for Alternator & Fan	Y	Y		✓				
179	A/C Belt	Y	Y		✓				
180	Water Pump	Y	Y						
181	Engine Oil & Filter	Y	Y	Y	✓		2 Hrs	250 hours	Replace filter and oil
182	Engine Gear Case - Oil & Filter	Y	Y		✓		3 Hrs		Recommend replacing oil
183	Engine Front and Rear Seals	Y	Y		✓				
184	Engine crankshaft Damper				✓			4500 hours or 5 years	
185	Engine PTO gear case oil				✓		1 Hr	2000 hours	Replace oil
186	Valve Lash adjustment				✓			2000 hours	
187	Clean Radiator/Hoses & Clamps	Y	Y	Y	✓		1 Hr	cracked	Clean with Air
188	ECU - Connections & Seals	Y	Y		✓				
189	Fuse Panel - Seal	Y	Y		✓				
190	Hydraulic Reservoir	Y	Y		✓				
191	Fuel Tank Vent - Clean	Y	Y		✓		15mm		Replace fuel tank vent
192	Fuel Filters - Change (Primary, Secondary, & Water Sep.)	Y	Y	Y	✓			MANDATORY FOR ALL BATTLE RIVER UNITS	Replace fuel filter Primary and Secondary clean sediment bowl
193	Ether Can	Y	Y		✓		1 Hr		
194	Batteries - Cables, Connections & Fluid Level	Y	Y	Y	✓				
195	Rear Engine Gear Case Seal	Y	Y		✓				
196	Heater Hoses	Y	Y		✓				
197	Inspect turbo charger	Y	Y		✓				
198	Inspect exhaust manifold belts	Y	Y		✓				
199	Muffler & Rain Cap	Y	Y		✓		15mm		Replace missing
200	Check All Hoses and Clamps	Y	Y	Y	✓				
201	Rotor Belt Torque Sensing Unit	Y	Y		✓			Max 10 mm, Min 8 mm & Spec 8mm	
202	Rotor Belt	Y	Y		✓		4 Hrs		Replace rotor belt adjust Shim gap.

203	Two Speed Gear case - Oil Level & Condition	Y	Y	✓					2000 hours	
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NOTES:

Grain Tank Section	RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments
	1	2	3	OK	Needs Replace				
204 Bin Extensions & Tank	Y	Y	✓	✓					
205 Grain Sample Trough	Y	Y	✓	✓					
206 Grain Tank Light, Level Switch & Wiring	Y	Y	✓	✓					
207 Grain Tank Loading Auger, Housing, Bearings, Driver, Top Sprockets & Clamps	Y	Y	✓	✓		Auger - 4.6mm thick, 95mm height		Auger - Worn 1mm or to a sharp edge	
208 Clean Grain Elevator Top Shaft & Bearings	Y	Y	✓	✓					
209 Clean Grain Elevator Top Housing, Impact Plate, GreenStar Mass Flow Sensor	Y	Y	✓	✓					
210 Loading Auger Gear case	Y	Y	✓	✓					
211 Cross Augers, Top Covers & Floor	Y	Y	✓	✓		Auger - (STD) 3.4mm thick (HD) 4.8mm thick 64mm height		Auger - worn 1mm or to a sharp edge	
212 Unload On-The-Go Baffle	Y	Y	✓	✓					
213 Unloading Auger Sump	Y	Y	✓	✓					

214	Vertical Auger & Housing	Y	Y	✓	✓		(STD) 8mm thick (HD) 6.5mm thick 110 mm height	When worn to a sharp edge	
215	900 Gear case	Y	Y	✓	✓				
218	Horizontal Auger & Housing	Y	Y	✓	✓		4.5mm thick; 5mm height	Worn to 1mm or to a sharp edge	
217	Grain Saver Door & Boot	Y	Y	✓	✓				

NOTES:

	Cab Section	RECON			CONDITION		New Specification	Estimated Repair Time	Replacement Specification	Comments
		1	2	3	OK	Needs Replaced				
218	Cab Ladder	Y	Y	Y	✓					
219	Fire Extinguisher	Y	Y	Y	✓					
220	Cab Roof	Y	Y		✓					
221	Mirrors	Y	Y		✓					
222	Cab Air Filters - Pre-Cleaner, Air Filter & Recirculating Filter	Y	Y	Y	✓		15mm			Rollace Cabin air filters
223	CEB (Central Electronic Box) - Seals & Wiring	Y	Y		✓					
224	Windshield Wiper Fluid Level	Y	Y			✓	16mm			Top up
225	Lights - All Outside Lights & Functions Dome Light, Warning Lights and Buzzers (Self Checks at Start Up)	Y	Y	Y	✓					
226	ClimaTrak - Defrost, Temp. Control, Fan Speed	Y	Y		✓					
227	Radio & Speakers	Y	Y		✓					
228	Windshield Wipers & Fluid Operation	Y	Y		✓					
229	Sun Visor	Y	Y		✓					

264	Emergency Stop	Y	Y	Y	✓						
265	Neutral Safety Switch	Y	Y	Y	✓						
266	Header Engage	Y	Y	Y	✓						
267	Separator Engage	Y	Y	Y	✓						
268	Road Disconnect				✓						
269	Concave Adjust	Y	Y	Y	✓						
260	Rotor Speed	Y	Y	Y	✓						
261	Cleaning Fan Speed	Y	Y	Y	✓						
262	Engine RPM's - Three buttons	Y	Y	Y	✓						
263	Power Strip	Y	Y		✓						
264	Operator Presence Switch	Y	Y	Y	✓						
265	Air Seat	Y	Y		✓						
266	Seat Bolts - Operator and Instructional Seat	Y	Y	Y	✓						
		RECON			CONDITION		Part Specification	Estimated Repair Time	Replacement Specification	Comments	
		1	2	3	OK	Needs Replaced	Needs Adjusted				
267	AutoTrac Combine Machine Kit	Y	Y						PF90876 - 50 Series Pin 695101 and above. PF90875 - 60 Series. PF90629 - 70 Series.		
268	AutoTrac RowSense Kit for Universal Sensor								PF90742		

NOTES: - Replace Cab dimmer switch 1 Hr

- Replace cast Hydro hose Plastic holder 1 x 4 TBS and bottom 2 hrs
- Replace cast steel union fitting 2 hrs