



JOHN DEERE

Reports

Search For?

Machine

Customer

- Claim Information

Engine Option

Expiration Report

Feedback

PIN / Serial

: 1H09770SCA0736699

GO

Customer Number : 301077018

Purchase Type : COMMERCIAL

End Use Code : ROW CROP / SMALL GRAIN

Home : US2697515141

Delivery Date : 01 Mar 2011

Cell :

Settlement Date : 14 May 2010

Business : US2692731200

Invoice Date : 16 Apr 2010

Registration Date : 01 Mar 2011

Selling Dealer : 036942-GREENMARK EQUIPMENT, INC., Holland, MI

Responsible Dealer : 036942-GREENMARK EQUIPMENT, INC., Holland, MI

Model : 9770 STS

Description : 9770 STS CORN COMBINE Model Year : 2010

Latest Delivery Date : 01 Mar 2011

Last Reported Registration Measurement : 404

Machine Build Date : 15 Apr 2010

Last Reported Claim Measurement : 404

Approximate Cumulative Rental Days* : 0

JDLink Expiration Date : N/A

Machine status 1 : Used Machine

*See John Deere Warranty System for accumulated rental days/detailed rental history



Warranty Coverage

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Warranty type ☐ Coverage term ☐ Expiration Date ☐ Days Remaining (may be estimate) Hours Limit Deductible Amount

Basic Warranty	12m/0h	15 May 2011	0	N/A
Engine Warranty	24m/2000h	14 May 2012	0	N/A
Emissions Warranty	60m/3000h	15 May 2015	0	N/A

Component Serial Numbers[Show / Hide](#)

Component 	Serial Number 
STALK CHOPPER	0000000034961
MOTOR, HYD. FIXED DISPLACEMENT	PID0069585010
GEAR BOX	CEGB4CA109749
PUMP, HYDRO VARIABLE DISPLACEMENT, FRONT	S0310011120
TRANSMISSION, HYDROSTATIC	S0310009463
ENGINE (DEERE MANUFACTURED)	RG6090L079665
MOTOR, HYD. FIXED DISPLACEMENT	PID0069566013
REVERSER	CEGBFHL105874
TRANSMISSION	CET3BAJ126780
STALK CHOPPER	34961

Order BASE / Option Codes[Show / Hide](#)

Code 	Component 	Base Machine Code 
162GH0501	PERFORMANCE	162GH
162GH0830	PREMIER CAB	162GH
162GH1570	C. M. HI TORQUE VAR SPD	162GH
162GH1730	XTRA/HICAP/LIFT/CYL	162GH
162GH2805	ROUND BAR CONCAVE	162GH
162GH3530	DEEP TOOTH CHAFFER	162GH
162GH3825	6.9M REG AUG HI-CAPACITY	162GH
162GH4160	W/SPRD/FCUT/CHOPW/INT/CHAFSP	162GH
162GH4320	HVY DTY FINAL DRIVE	162GH

162GH4646 20.8-42**R1 / 520/85R42 DUAL 162GH
162GH4975 4WD/POWER REAR/2 SPEED 162GH
162GH5180 28L-26-10PR CLT/4WD/OR/HD-SP 162GH
162GH6705 LESS TEM SRFC/CORROSION PROT 162GH
162GH7710 LESS PRODRV AND HARVSMT FDRT 162GH
162GH9992 FIRESTONE TIRES 162GH

Customer History

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Customer 2 of 2

GREENMARK EQUIPMENT INC. Customer Number : 301077018
13940 EAGLE RIDGE DR Purchase Type : COMMERCIAL
KENT CITY MI US 493309086 End Use Code : ROW CROP / SMALL GRAIN

Home : US2697515141 Delivery Date : 01 Mar 2011
Cell :
Business : US2692731200

Selling Dealer : 036942-GREENMARK EQUIPMENT, INC.,Holland,MI
Responsible Dealer : 036942-GREENMARK EQUIPMENT, INC.,Holland,MI

Customer 1 of 2

KEITH EDWARD HANENBURG Customer Number : 104669054
15585 68TH AVE Purchase Type : FARM
COOPERSVILLE MI US 494049705 End Use Code : ROW CROP / SMALL GRAIN

Home : US6168376418 Delivery Date : 14 May 2010
Cell :
Business : US6169978376

Selling Dealer : 036942-GREENMARK EQUIPMENT, INC.,Holland,MI
Responsible Dealer : 036942-GREENMARK EQUIPMENT,

Claim History

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Dealer	Claim #	Type	Fail Date	Repair Date	Process Date	Ref # 1	Ref # 2	Measurement
036942	<u>100325017</u>	NORMAL	24 Sep 2010	27 Sep 2010	13 Oct 2010	S01339-1	S01339	8
036942	<u>100448115</u>	NORMAL	06 Nov 2010	06 Nov 2010	11 Jan 2011	S02068-1	S02068	313
036942	<u>100917434</u>	PIP	03 Aug 2011	04 Aug 2011	08 Aug 2011	S05430-1	S05430	404

PIP History

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PIP Number	PIP Type	PIP Participation Type	PIP Title	PIP Status
11HX373	Fix-as-Fail	Dealer	PIP 11HX373 COMBINES - HYDRO REPLACEMENT - FIX- AS-FAIL	TERMINATED
11HX381	Mandatory	Dealer	PIP 11HX381- 9670STS,9770STS,S560E- 9.0L TURBO INLET FIT-MM	COMPLETE

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JOHN DEERE

STS COMBINE JOHN DEERE INSPECTION

CUSTOMER		COMBINE INFORMATION					
Name:	FABIAN RIVER FARMS	Work Order:	S222264	Serial Number:	14097705CA0736699		
Address:		Engine Hours:	1266	Separator Hours:	934		
City:		Warranty End Date:					
Phone:							
Date:							
Control System	OK	Repair / Replace	Needs Adjusted	Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
Fluid test kit - TY26860							
Stored Codes	✓					Record & Clear all Stored Codes	
ECU Load Profile (if equipped)						Download ECU profile, analyze & review with customer.	
Feeder House Area	OK	Needs Replaced	Needs Adjusted	Customer OK's Repair	New Specification	Replacement Specification	Comments
Safety Shields	✓						
Feeder House Drive Chain, Sprockets, Idlers & Guides			✓			Chain - 3% Elongation	chain both sides worn
Back Shaft Speed Sensor & Wiring Harness	✓						
Slip Clutch	✓						
Reverser/Header Drive Spline Shaft, Hoses, Couplers & Wiring	✓						
Drum - Wear Ring, Bearings, Supports, Stops & Pins		✓				Wear ring is damaged or worn through	wear ring broken through
Floor Sheet & Seal	✓						
Feed Plate	✓					Worn through the hinges	
Stone Trap	✓						
Feeder House Reverser Cooler	✓						
Hydro Motor - Housing & Fittings	✓						
Shoe Auger - Front Bearings & Bevel Gears		✓				Bevel Gears Backlash - 0.76mm	needs keys & pins with worn
Shoe Auger - Drive Shaft & Bearings							
Reverser Control Linkage & Cable	✓	✓					
Lift Cylinders, Hoses, Pins & Safety Stop							
Lift Cylinder Support & Pivots	✓					= 78mm + Bottom of bracket to bottom hole = 16mm less	
Transmission - Drive Shaft, Hoses & Couplers	✓						

5705
MS
MS

Feeder House Area--continued		CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
OK	Needs Replaced	Needs Adjusted						
Oil Level and Condition								
Final Drives, Front Wheel(s) & Tire(s)		✓				Torque - 200N m plus 1/4 turn		
Top Door Seal		✓						
Conveyor Chain, Plastic Chain Guides & Eyebolts			✓			Chain Pitch - 41 mm	3% elongation of set links removed & no adjustment left. Guides - When worn through, 8mm or less install verton bushing and stops	Chain worn Plastic guides worn
Feeder House Pivots								
Top Shaft, Bearings, Sprockets & Stripper Plates			✓				Sprocket Worn to 12mm - can be reversed, Stripper Plates - 1/8 in from top shaft to stripper	Sprockets showing wear
Reverser Gear Case - Operation, Oil Level/Change			✓				Change Oil once a year	Change oil
Reverser Belt, Lower Variable Sheaves, Idler & Bearings		✓				Sheaves - Low Speed = 3mm		
Contour Master Cylinder & Hoses		✓						
Check Slides		✓						
Top Variable Drive, Sheaves & Bearings			✓			Top Variable Sheaves = 3mm		sheaves bad Ab cyl. bad
Hoses, Couplers & Wiring		✓						
Check Frame for Cracks & Holes		✓						
Feeder House Position Sensor & Wiring		✓						
Shoe Auger, Speed Sensor & Wiring Harness		✓					Auger - Worn to 1mm, Sharp Edges or Damaged	
Check Multi-point harness and hoses		✓						
Check single-point connection, cartridges and pins			✓					Sheet cut blade dust cover missing
Final Drives, Front Wheel(s) & Tire(s)		✓				Torque - 200N m plus 1/4 turn (150 lb-ft + 1/4 turn)		
Feed Accelerator (FAST)		CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
OK	Needs Replaced	Needs Adjusted						
Feed Accelerator Drive Belt			✓					cracks
Feed Accelerator Tension Arm, Spring & Idler		✓						
Feed Accelerator - Wings & Bearings		✓						
Serrated Wear Strips			✓			8mm thick 51mm height	After strips have been half worn & reversed, replace if height is shorter than original. All must be	showing wear
Smooth Wear strips						8mm thick 51mm height	After strips have been half worn & reversed, replace if height is shorter than original - All must be	
Back Swept Wear Strips						8mm thick	Leading edge wears to the point, reducing overall height dimension	
Plastic Dust Shroud		✓					Thin Spots or Holes	
Rotor Bearing, Speed Sensor & Wiring		✓						
Tri-Flow Feed Ramp		✓						
Front Feed Flights		✓				5 mm above rear flight support	Outer edge is worn down approx. 5 mm. Embossed part number on the top of the rear feed flight	
Rear Feed Flights		✓				8 mm thick	When the casting number on the rear flight begins to wear off	

Left-Hand Side	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Safety Shields	✓						
Electric Clutch & Brush Module	✓						
Primary Countershaft 90° Gear Case	✓						
Drive Shaft -	✓	✓					✓ 30 HRS Showing Significant Wear
Engine to 90° Gear Case U-joints		✓					
Front End Drive Belt	✓						
Reel Pump & Bearings	✓						
Reel Speed Valve & Actuator	✓						
Cleaning Fan, Housing, Fins, Bearings, Speed	✓						
Cleaning Shoe Pitman Arms, Hangers, Bolts,	✓						
Clean Grain Auger Speed Sensor & Wiring	✓					Auger - Worn to 1mm, Sharp Edges or Damaged	
Tailings Auger Speed Sensor & Wiring	✓					Auger - Worn to 1mm, Sharp Edges or Damaged	
Hydraulic Filter - Hoses & Fittings		✓					
Hydraulic Stack Valve & Accumulator	✓						
Separator Frame	✓						
Inspect concave inserts	✓						
Top Covers - Feeding, Threshing & Separating	✓					Worn through or damaged	10/3/2015 1 Year
Plastic Threshing & Separator Covers		✓					
Separator Side Rail	✓						
Rotor mid-plate	✓						
Concave Z-Bar	✓					Must be worn through the second layer of material	
Concave Actuator Motor, Gears & Linkage	✓						
Concaves	✓						
Small Wire Concave	✓				38 mm	Bar less than 34 mm	
Small Wire Interrupter Bar	✓				19mm	Less than 15mm	
Large Wire Concave	✓				38mm	Bar less than 34 mm	
Round Bar Concave	✓				16mm	Bar is less than 12mm	
Filler Plates	✓						
Threshing Elements	✓				Std 16mm Rice 24mm	Std. Trailing edge is worn to 13mm	
Separator Grates	✓				NA	When fingers wear to a point or broken out	
Separator Tines	✓				124mm	Less than 110 mm (Measure on the rear edge of tine from base to highest point) - Replaced in Sets of Three	
Cleaning Shoe Augers & Rear Bearings		✓				Auger - Worn to 1mm, Sharp Edges or Damaged	1 Year 10mm, Augers Out 3 Shows Significant Wear
Cleaning Shoe Auger Troughs	✓						
Separator Loss Monitor, Pads and Wiring	✓						
Separator Shaker Pan	✓					Bending or Damage	
Unloading Auger Sump, Bevel Drive Gears &	✓						
Unloading Auger Drive Chain, Sprockets & Guides		✓				Chain - 3% elongation	✓ 101 m
Unloading Auger Jackshaft, Pulleys & Bearings	✓						
Unloading Auger Drive Belts, Tensioner, Guides & Switches	✓						

Left-Hand Side--continued	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Shoe & Service Lights	✓						
Chopper Raise & Lower	✓						
Rotor Variable Sheaves	✓				Max - 10mm, Min 6mm & Spec 8mm		
Rotor Speed Shift Lever	✓						
Hydrostatic Filter - Hoses & Fittings	✓	✓					
Hydro Cable	✓						
Discharge Beater, Bearing, Belt & Sheaves	✓						
Discharge Beater Speed Sensor & Wiring	✓						
Discharge Beater Wings & Wear Strips		✓			4.5 mm, 50 mm Height	When Wear Strips Loose Original Height	Showing wear
Discharge Beater Grate	✓						
Chaffer & Sieve Adjustment Gauges	✓						
Steering Cylinder & Tie Rod	✓						
Rear Axle & Spindles	✓						
Wheel Bearings & Seals	✓						
	✓				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)		
Rear Wheel & Tire							
Power Rear Wheel Assist, Hoses & Fittings	✓						
Gull Wings & Air Cylinders	✓						
Chopper Jack Shaft Drive Belts		✓					cracks
Chopper Speed Sensor & Wiring	✓						
Chopper Engage Tension Arm & Idler Pulley	✓						
Chopper Drive Belt, Idler & Bearings	✓	✓					cracks
Chopper Raise/Lower Cylinder	✓						
Chopper	✓						
Tail Board & Vanes	✓						
Rotor & Bearings	✓						
Housing & Knife Bank		✓					knives and knife bank worn
Cob Deflector Door	✓						
Shoe Loss Monitors & Wiring	✓						
Front Chaffer, Chaffer, Sieve & Seals	✓						
Shoe Frames & Seals	✓						
Rear Panel, Lights & SMV Sign	✓						
Spreader							
Disks & Rubber Flaps							
Hydraulic Motor, Hoses & Fittings							
Frame							

Right-Hand Side	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Safety Shields	✓						
Gull Wings & Air Cylinders	✓						
Cab Wall Electrical Connectors	✓						
Primary Countershaft Bearings	✓						
Front Counter Shaft Belt, Tensioner & Pulleys	✓						
Rear Counter Shaft Belt, Tensioner & Pulleys	✓						
Top Covers - Feeding, Threshing & Separating	✓	✓				Worn through or damaged	replace with new parts
Plastic Threshing & Separator Covers							
Separator Side Rail	✓						
Concave Z-Bar	✓					Must be worn through the second layer of material	
Concaves & Hangers	✓					When fingers wear to a point or broken out	
Separator Grates	✓				NA		
Cleaning Shoe Pitman Arms, Hangers, Bolts,	✓						
Cleaning Fan Housing, Fins & Bearings	✓	✓					Auger bearings shows wear
Shoe, Fan & Conveyor Auger Belt, Idlers,	✓						
Cleaning Fan Variable Belt	✓						
Cleaning Fan Adjustment Motor, Linkage & Variable	✓						
Tailings Elevator Return Auger Drive Chain			✓				replace at 400000
Tailing Elevator Return Auger, Bearings & Boot	✓				3 mm Thick, 67 mm High	3% elongation Auger - Worn to 1mm, Sharp Edges or Damaged	
Tailing Elevator Drive Belt, Tensioner, Idler &	✓						
Tailings Elevator Slip Clutch	✓						
Clean Grain Drive Belt & Idlers	✓						
Clean Grain Elevator Chain, Paddles, Sprockets & Bearings			✓		Paddles - 78mm x 151mm	Chain - 3% elongation; Paddles - 3mm wear on three working surfaces (75mm x 175mm)	75mm Chain take 1/2 inch out
Clean Grain Elevator Housing & Boot	✓						
Green Star Yield & Moisture Sensor & Wiring	✓						
Tailings Housing & Boot	✓						
Tailings Elevator Monitor Sensor & Wiring	✓						
Tailings Elevator Paddle Chain and Sprockets			✓		Paddles - 78mm x 151mm	Chain - 3% elongation; Paddles - 3mm wear on three working surfaces (75mm x 175mm) Auger - Worn to 1mm, Sharp Edges or Damaged	75mm Chain take 1/2 inch out
Tailings Auger & Bearings	✓						
Grain Tank Unloading Cross Auger Bearings	✓						
RH Control Unit & Wiring	✓						
Steering Cylinder & Tie Rod	✓						
Power Rear Wheel Assist, Hoses & Fittings	✓						

Engine Compartment	OK	CONDITION		Customer OK's Repair	New Specification	Replacement Specification	Comments
		Needs Replaced	Needs Adjusted				
Ladder	✓						
Roller Screen & Belt	✓						
After Cooler & Fins	✓						
Check Oil Cooler	✓						
Lines for Oil Cooler & A/C	✓						
Coolant Level	✓					800 hours	
Air Filter & Aspirator	✓	✓				400 hours	replaced
Hydro Charge filter	✓	✓				400 hours	✓
Main Hydraulic filter	✓						
Drive Belts for Alternator & Fan	✓						
A/C Belt	✓						
Water Pump	✓						
Engine Oil & Filter	✓	✓				250 hours	changed
Engine Gear Case - Oil & Filter	✓						
Engine Front and Rear Seals	✓					4500 hours or 5 years	
Engine crankshaft Damper	✓					2000 hours	
Engine PTO gear case oil	✓					2000 hours	
Valve lash adjustment	✓					2000 hours	
Clean Radiator/Hoses & Clamps	✓					cracked	
ECU - Connections & Seals	✓						
Fuse Panel - Seal	✓						
Hydraulic Reservoir	✓						
Fuel Tank Vent - Clean	✓						
Ether Can	✓						
Batteries - Cables, Connections & Fluid Level	✓						
Rear Engine Gear Case Seal	✓						
Heater Hoses	✓						
Inspect turbo charger	✓						
Inspect exhaust manifold belts	✓						
Muffler & Rain Cap	✓						
Check All Hoses and Clamps	✓						
Rotor Belt Torque Sensing Unit	✓				Max 10 mm, Min 6 mm & Spec 8mm		
Rotor Belt	✓						
Two Speed Gear case - Oil Level & Condition	✓					2000 hours	

Grain Tank Section	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Bin Extensions & Tank	✓						
Grain Sample Trough	✓						
Grain Tank Light, Level Switch & Wiring	✓						
Grain Tank Loading Auger, Housing, Bearings, Driver, Top Sprockets & Clamps	✓	✓			Auger - 4.5mm thick, 95mm height	Auger - Worn 1mm or to a sharp edge	loadings auger drive sprocket worn
Clean Grain Elevator Top Shaft & Bearings	✓						
Clean Grain Elevator Top Housing, Impact Plate, Loading Auger Gear case	✓						
Cross Augers, Top Covers & Floor	✓				Auger - (STD) 3.4mm thick (HD) 4.8mm thick 64mm height	Auger - worn 1mm or to a sharp edge	
Unload On-The-Go Baffle	✓						
Unloading Auger Sump	✓						
Vertical Auger & Housing	✓				(STD) 6mm thick (HD) 6.6mm thick 110 mm height		
90° Gear case	✓					When worn to a sharp edge	
Horizontal Auger & Housing	✓				4.5mm thick 95mm height	Worn to 1mm or to a sharp edge	
Grain Saver Door & Boot	✓						
Cab Section	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Cab Ladder	✓						
Fire Extinguisher	✓						
Cab Roof	✓						
Mirrors	✓						
Cab Air Filters - Pre-Cleaner, Air Filter & Recirculating Filter	✓	✓					replace
CEB (Central Electronic Box) - Seals & Wiring	✓		✓				add fluid
Windshield Wiper Fluid Level	✓						
Lights - All Outside Lights & Functions Dome Light, ClimateTrak - Defrost, Temp, Control, Fan Speed	✓						
Radio & Speakers	✓						
Windshield Wipers & Fluid Operation	✓	✓					check doesn't spray fluid
Sun Visor	✓						
Steering Column	✓						
Height Adjust & Tilt	✓						
Horn	✓						
Parking Brake	✓						
Steering Brakes	✓						
Reverser	✓						
Transmission Shift Lever / ProDrive	✓						

Cab Section--continued	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
Corner post	✓						
Display Tachometer	✓						
Engine RPM, Rotor RPM	✓						
Concave Clearance	✓						
Fan Speed	✓						
Header Back Shaft Speed	✓						
Service Intervals - Reset	✓						
VisionTrak Display / Command Center	✓						
Calibrate	✓						
Seed size	✓						
Diagnostics - Error Codes, Back Button & Enter Button	✓						
Active Header Control Display	✓						
Console	✓						
HydroHandle -	✓						
Header Raise/Lower, Com Header Back Shaft Speed, Reel Raise/Lower, Reel For/Aft	✓						
Unloading Auger Swing	✓						
Unloading Auger Engage	✓						
Emergency Stop	✓						
Neutral Safety Switch	✓						
Header Engage	✓						
Separator Engage	✓						
Road Disconnect	✓						
Concave Adjust	✓						
Rotor Speed	✓						
Cleaning Fan Speed	✓						
Engine RPM's - Three buttons	✓						
Power Strip	✓						
Operator Presence Switch	✓						
Air Seat	✓						
Seat Belts - Operator and Instructional Seat	✓						

AMS	CONDITION			Customer OK's Repair	New Specification	Replacement Specification	Comments
	OK	Needs Replaced	Needs Adjusted				
AutoTrac Combine Machine Kit						PF90876 - 50 Series Pin 695101 and above. PF90875 - 60 Series. PF90629 - 70 Series.	
AutoTrac RowSense Kit for Universal Sensor						PF90742	