



JOHN DEERE

# PLANTER JOHN DEERE INSPECTION

S7K # 129290

CUSTOMER				PLANTER INFORMATION			
Name:				Planter Acres			
Address:				Serial Number: <i>A 0.1790 C915169</i>			
City and State:				Warranty End Date:			
Phone:				Date:			

Overall Items	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair/ Replace	Needs Adjusted					
Safety Chain							Worn links	
Parking Stand	X						Check for cracked welds, missing pins	
Check Tire Inflation	X						See OM	
Check Wheel Bolt Torque	X						Bolt torque - 115 Nm (85 lb-ft)	
Inspect Hitch Strap Bolt Torque	X						Bolt torque - 352Nm (260 lb-ft)	
Check and Lubricate Wheel Bearings	X						See OM	
Lubricate entire machine	X						See OM	
Check all Safety Decals, Reflectors, and SMV sign	X						In place and visible	
Inspect all Safety Shields and Warning Lamps	X						In place and operational	
Inspect Clutch assembly/ bearings							See OM	
Check Transport lock	X						In storage position/missing. See OM	
Check SeedStar or CT monitor/ radar							Use appropriate OM, TM	
Check all electrical harnesses	X						Check for stretched, cracked, broken, burnt wires and connectors	
Check Micro switches	X						See corresponding TM for proper operation	
Clean Seed tube sensors		X					Perform monitor "Seed Tube Sensor Test"	
Check all drive chains and sprockets		X					Check for worn/kinked links and sprockets. Follow OM for lubrication guidelines	<i>Replace all drive chain all idle sprocket</i>
Check all drive idlers/ rollers/ bearings		X					Check for purging grease/looseness	
Check seed transmission and bearings	X						Loose worn/sprockets	
Check all idler springs	X						Proper chain tension	



Key Wear Parts	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Parallel arm bushings	X						Inspect for excessive row unit looseness	
Row Unit Sprockets (4/row)								
Seed Tube	X						Inspect wear against seedtube guard/blade	
Seed Tube guard	X						Replace when replacing opener blades	
Double-Disk opener shield	X						Ensure clearance between blade and shield	
Tru-Vee opener blade/ bearing		X			15" diameter		Opener blade- 14" diameter	14 1/2"
Opener Blade Scraper		X					Check scraper blade spring and wear	Replace all scraper arm Replace
Gauge Wheel Arm		X					Proper adjustment to opener blade	
Gauge wheel/ bearing/ tire assembly		X					Should just touch opener blades, but no farther than 1.5mm (1/16")	Two bearing gone out
Adjust gauge wheel tire		X					Replace if upper lip near blade is worn off	3 Tire cut
Adjust gauge wheel bearing/bushing	X						Inspect proper bearing retention	
Closing wheel handle & bushing		X					Inspect for excessive looseness/ alignment with seed trench	Bushing and Arm frame Replace
Key Wear Parts - Continued	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Inspect closing wheel tire	X						Ensure tire is secured by rim/ no cracks	
Inspect closing wheel/bearing/tire	X						Check for excessive runout or loose bearing	
Inspect closing wheel bearing assembly	X						Inspect for rough turning or grease purging	
Inspect closing wheel spring	X						Check proper tension/stretching	
Depth adjusting handle assembly		X					Inspect wear at pivot and spring	one spring broken
Row unit drive assembly							Inspect sprockets and bearing condition	
Key Wear Parts Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					

*closing one arm frame broken*







Miscellaneous	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Heavy duty adjustable unit down force springs							Check for worn cast components	
Closed handling system	X						Insure valve is operational	
Liquid herbicide system							Clean hoses and nozzles.	
Liquid fertilizer system							Inspect hoses and pump for damage/kinks	
Frame mounted coulters		Y					Check blade depth and alignment with rows	<i>one loose in belt and one in bearing</i>
Row cleaners							Replace bent teeth/inspect bearings	
Conservation Disk Coulters							Inspect bearings and blade wear	
Combination coulters/row cleaner							Check alignment with row unit openers	
Inspect routing of row unit harness to seed sensor	X						Secure as required to minimize pinch points	
Align meter drive to meter assembly (all meters except Pro-series)	X						Refer to OM	
Miscellaneous Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
OK	Installed (Y/N)	Repair / Replace						
LIQUID FERTILIZER OPENERS							Verified if installed and functioning correctly: Attachment number: BA30547	1770NT, 1790 Planters
LIQUID FERTILIZER TANK							Verified if installed and functioning correctly: Attachment number: BA30493	1770NT 16R & 24R Planters
ACTIVE PNEUMATIC DOWNFORCE SYSTEM							Verified if installed and functioning correctly: Attachment number: BA32253	1770NT, 1790, DB Planters
UNIT MOUNTED COULTERS							Verified if installed and functioning correctly: Attachment number: BA30078	1700 Series & DB Planters
ROW CLEANERS							Verified if installed and functioning correctly: Attachment number: BA31401	1700 Series & DB Planters
Row Command	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
OK	Repair / Replace	Needs Adjusted						
Inspect routing of RowCommand clutch harness (if equipped)							Secure as required to minimize pinch points	
Perform RowCommand self-test (if equipped)							Refer to OM	

*Coulters are 15" in size*

*Three back tire wearing and cracking.*

*No snap ring and weld weld in place on marker strips*

*All four plugs gone for vac tube.*

