



JOHN DEERE

# 5000/5010/5020/5025 Series Utility Tractors JOHN DEERE INSPECTION

**CUSTOMER**

Revised 22FEB10

**TRACTOR INFORMATION**

Name: stock ford loader tractor

Work Order:

Tractor Hours

9821

Address:

Serial Number: bd89128

City and State:

Phone:

Date:

*over station tractor*

*7210 loader*

Pre-Inspection	CONDITION		Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace				
Fluid test kit - TY26859						
Engine	OK	Repair / Replace	Needs Adjusted			
Oil Level	✓			10 Hours	Check	
Engine Oil and Filter	✓			100 & 250 Hours	Change	
Engine oil crankcase vent tube	✓			600 Hours 600 Hours 2100 hours or 2 years- 5425, 5525, 5625 No valve adjustment on 5225 and 5325	Clean	
Engine Valves	✓				Adjust clearance	
Engine Speeds	✓			600 & 1000 Hours	5225, 5325 Lo 900 HI 2625 5425, 5525, 5625 Lo 825 HI 2625	
Intake system, Hose and Clamps	✓			*		
Air filters	✓			*	Replace Annually	
Turbo inspection	✓			*	Excessive Noise, Leakage, check axial and lateral movement	
Exhaust system	✓			*	Leakage, Soot Collection	
Oil leaks	✓			*		
Hood Latch	✓			250	Clean and Lube	

Cooling System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted				
Radiator cap					Two Years	Replacement	
Coolant level and freeze point			-145		2000 Hours or Two Year	Flush	
Overflow tank							
Radiator					*	Pressure Check, Leakage, Excessive Debris Collection	
Hoses and Clamps					500 Hours	Tighten	
Water pump					*	Leakage, Paint Discoloration	
Thermostats					2000 Hours or Two Years	Replacement	
<b>Fuel System</b>	<b>CONDITION</b>			<b>Customer OK's Repair</b>	<b>Recommended Service Intervals (Annual *)</b>	<b>Recommended Service, Inspection Specification, Additional Information</b>	<b>Comments</b>
Fuel leaks	OK	Repair / Replace	Needs Adjusted		*	Review Lines and Injectors	
Fuel Tank, Vent & Cap					10 Hours/As required	Check, drain water & sediment	
Filler Neck-to-Fuel Tank Coupler Tube (IOOS and Cab Only)					10 Hours/As required	Check clamps & hose for leaks and condition.	
Fuel Filters					500 Hours	Drain water & sediment Replace	
Fuel Injectors					600 Hours	Inspect for correct pop-off pressure and good spray pattern	
Engine power check		No	power		Check	Complete Engine Dyno Test and Record Results. Warm trans/hyd oil for subsequent test	
Conduct Engine Misfire-Fire test if problems noted during power check					*	Engine performance diagnostic procedure per Service Advisor.	

Electrical System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted				
Battery	/				50 & 250 Hours	Check and Clean 11.8 VDC min	
Battery cables/ends	/				*		
Starter operation	/				*	Radio not working - wires	
Neutral start system	/				250Hrs	Check	
Presence of starter terminal guard	/				*	Horn & turn signal switch cracked	
Alternator charging	/				*	14.2-14.8 VDC at 2400 RPM	
Alternator Belt	/				250 Hours	Check Tension	
Belt Tensioners	/				1500 Hours	98-118 Nm (72-87 Lb-Ft) Torque	
Lights/turn signals	/				*	No turn signals & warning light	
Instruments/indicator lights	/				*		
Fuse Panel	/					Check for blown fuses and correct amperage	
Wiring harnesses	/				*		
Review Misc. Electrical Components	/					Review function and wiring for add on items such as monitors, radios etc.	

Power Train	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted				
<b>Power Reverser</b>							
Hydraulic Oil Level					50 Hours	Check	
Hydraulic Oil					1200 Hours	Change (11 gal)	
Hydraulic pickup screen					1200 Hours	Clean	
Filter					100, 250, 1200 Hours	Change	
Clutch pedal linkage adjustment					100 & 250 Hours		
Transmission pressure						Perform pressure check in section 250 of technical manual	
<b>SyncShuttle</b>							
Hydraulic Oil Level					50 Hours	Check	
Hydraulic Oil					1200 Hours	Change (10 gal)	
Hydraulic pickup screen					1200 Hours	Clean	
Filter					100, 250, 1200 Hours	Change	
Clutch pedal free play					100 & 250 Hours	Check free play distance 13 +/- .3	
<b>CollarShift Transmission</b>							
Hydraulic Oil Level					50 Hours	Check	
Hydraulic Oil					1200 Hours	Change (10 gal)	
Hydraulic pickup screen					1200 Hours	Clean	
Filter					100, 200, 1200 Hours	Change	
Clutch pedal free play					100 & 250 Hours	Check free play distance 13 +/- .3	
<b>All Transmission Models</b>							
PTO clutch and brake operation					*	<i>New traction clutch - adjustments</i>	
Transmission park mechanism					250 Hours		
Differential lock operation					*		
Front differential----MFWD					*	<i>MFWD Switch not working</i>	
U-joints and shielding----MFWD					*		
Axes-outer axle seal and bearing condition					*	Lubricate, inspect for Excessive Leakage or bearing run out (<0.05")	
Brake pedal adjustment					*	Height Adjustment	
Transmission sump screen					1500 Hours	Clean	
Front differential oil level----MFWD					1500 Hours	Replacement	

Steering and Brakes	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted				
Steering operation					*		
Steering Spindles					Daily in wet & muddy conditions/Every 50	Lube	
Front Pivot Pin					Daily in wet & muddy conditions/Every 50	Lube	steering cylinders seal
Front axle pivot point					600 Hours	Check	
Steering valve						Leakage	
Steering cylinder ends (adjustable front axle)					50 Hours	Lube	
Tie rod ends					Daily in wet & muddy conditions/Every 50	Lube	
Steering arm					*		
Front axle pivot bushings					250 Hours	Lube	
Front axle spindle bearings					1500 Hours	Lube	
Front wheel bearings (adjustable front axle)					600 Hours	Repack	
Brake Pedal Adjustment					250 Hours	Check	
Rear axle bearings					10 hours in wet & muddy conditions	Lube	
Brake operation					*		
Brake valves					*	Leaks / Function	
<b>Hitch and Hydraulic System</b>	<b>CONDITION</b>			<b>Customer OK's Repair</b>	<b>Recommended Service Intervals (Annual *)</b>	<b>Recommended Service, Inspection Specification, Additional Information</b>	<b>Comments</b>
Three Point Hitch	OK	Repair / Replace	Needs Adjusted		250 Hours	Lube	
Hydraulic Pump Flow Test From SCV					*	@2000 RPM 10.4-11.5GPM 5225, 5325 14.1-15.3 GPM 5425- Full lower to full raise 2.5-3 seconds with 500lbs. Load	SCV cables rusted - frozen
Rockshaft Operation and cycle test					*	Pressure Test	
Selective control valve and coupler					*		
Operation					*		
Lines and clamps					*		
Leaks					*		

Baker retainer on R.F. Leader pin

Misc.	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted				
Drawbar & Support	/				*	Bent, Broken Bolts	
Frame and weights	/				*		
PTO shield	/				*		
SMV sign	/				*	Missing SMV	5/2
Tires	/				50 Hours	Inspect & check inflation pressure	
Hardware	/				50 Hours	Inspect for loose hardware	
Wheel Bolt Torque	/				50 Hours	Tighten	
Front axle hardware torque	/				250 Hours		
Front wheel bearings	/				*		
Grease entire machine	/				*		
Safety decals	/				*		
Fire extinguisher (if equipped)	/				*		
<b>Operator's Station</b>	<b>CONDITION</b>			<b>Customer OK's Repair</b>	<b>Recommended Service Intervals (Annual *)</b>	<b>Recommended Service, Inspection Specification, Additional Information</b>	<b>Comments</b>
Safety decals	/				*		
Seat operation & Seat belt	/				*	Worn / Improper Function	
Throttle Friction	/				As required	/Check/Adjust	
Steering Wheel Tilt & Telescoping (if equipped)	/					Check operation	
Heater operation	/				*		
Wipers and Washers	/				*		
Blower motor operation	/				*		
Air conditioning / Operation	/				*		
Condenser/Evaporator	/				*	Clean	
Heater core	/				*		
Mirrors	/				*		
ROPS	/				*	Inspect for damage	
Cab Body mounting	/				*		
Cab filter condition	/				250 Hours	Clean/Replace Annually	
Dome Light	/					Door switch and manual switch operation	