



JOHN DEERE

# 9RT Series Track Tractors John Deere Inspection

Revised 23NOV11

<b>CUSTOMER</b>				<b>TRACTOR INFORMATION</b>			
Name:		Work Order: <i>1220244</i>		Tractor Hours: <i>478</i>			
Address:				Serial Number: <i>92 6330</i>			
City and State:				Warranty End Date:			
Phone:		Date:					

Control System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Fluid test kit - TY26859	✓							
Stored Codes	✓						Record & Clear all Stored Codes	
ECU Load Profile (if equipped)	✓						Download ECU profile, analyze & review with customer.	
Engine	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
OK	Repair / Replace	Needs Adjusted						
Crankshaft damper	✓				4500 Hours (Inspect Annually)		Replacement	
DPF Exhaust heat shield(s) (IT4)	✓						In tact and positioned properly	
DPF Exhaust system (IT4)	✓						Visually inspect clamp flanges for proper alignment	
DPF Filter Maintenance (IT4)	✓				3000-5000 Hours		Depending on Machine Usage Have filter serviced according to OM guidelines.	
Engine Air filters	✓						Check/Replace as indicated or required	<i>Recommend</i>
Engine Compartment	✓						Clean/Check for Debris as indicated or required	
Engine Oil and Filter	✓				500 Hours		Replacement	<i>close 478</i>
Engine Oil Level	✓						Check	<del>close</del>
Exhaust system	✓						Leakage, Soot Collection	
Head gasket	✓						Inspect Oil, Coolant Leakage, Dust Collection, Paint Discoloration	
High and low idle speeds	✓						Check/Adjust Refer to Service Advisor for procedure and specs	
Intake system, Hose and Clamps	✓				500 Hours		Inspect	
Oil leaks	✓							
Open Crankcase Vent system (OCV) Tier 4	✓						Check for restrictions	
Pulleys and Belts	✓						Cracked, Pieces Missing	
Turbo inspection	✓						Excessive Noise, Leakage	
Valve lash adjustment	✓				2500 Hours		Adjust Refer to Service Advisor for procedure and specs	

Cooling System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Coolant	✓				6000 Hours		Replace Drain, Flush, and Refill Engine Coolant	
Coolant Level	✓						Check	
Coolant Test/Condition/Freeze Point	✓				1000 Hours or Annually		Test Strip/ Temp Test	
Engine Cooling Operational Check (Conduct in conjunction with Engine Power Check in Fuel System Section)	✓				*		Refer to Service Advisor for procedure and specs	
Hoses and Clamps	✓				*		Leakage, Looseness	
Radiator and oil cooler-condenser	✓						Clean/Inspect as indicated or required	
Radiator cap	✓				6000 Hours		Replace (Interval can vary according to operating conditions)	
Thermostats	✓				6000 Hours		Replace (Interval can vary according to operating conditions)	
Variable fan drive	✓				* or 1500 Hours		Check for leaks	
Water pump	✓				*		Leakage, Paint Discoloration	
Weep hole for signs of leakage	✓				*			
Fuel System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
OK	Repair / Replace	Needs Adjusted						
Conduct Engine Misfire test if problems noted during power check	✓				*		Engine performance diagnostic procedure per Service Advisor.	
Engine power check	✓				*		Complete Engine Dyno Test and Record Results. Warm trans/hyd oil for subsequent test	
Fuel Filters	✓				500 Hour		Replacement	Recommend
Fuel leaks	✓				*		Review Lines and Injectors	
Fuel Tank and Sump	✓				250 Hour		Drain (Check for water contamination)	
Fuel Tank Vent Filter	✓				1000 Hours		Clean	
Fuel Water Separator	✓						Drain	
Fuel Water Separator (Optional)	✓				500 Hours		Clean/Inspect	
Transfer pump	✓				*		Pressure Test	

Electrical System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Battery	✓				*		Service	
Battery Condition	✓				*		12.4 V Min.	
Battery Electrolyte level	✓				*		6mm above plates	
Battery Specific gravity	✓				*		1.225 Min.	
Battery cables/ends	✓				*			
Dual Beam Radar Sensor	✓				500 Hours		Clean/Debris	
Generator/alternator charging	✓				*		Refer to Service Advisor for procedure and specs	
Instruments/indicator lights	✓				*			
Lights/turn signals	✓				*			
Neutral start system	✓				250Hrs		Check	
Presence of starter terminal guard	✓				*			
Review Misc. Electrical Components	✓				*		Review function and wiring for add on items such as monitors, radios etc.	
Starter operation	✓				*			
Starting aid operation (If Equipped)	✓				*			
Wiring harnesses	✓				*		Condition-Damaged	
Battery Disconnect Kit	✓						Verified if installed and functioning correctly. Attachment number: BRE10004	
Power Train	OK	Repair / Replace	Needs Adjusted	Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
Lube pressure	✓				*		Refer to Service Advisor for procedure and specs	
PST Accumulator	✓				*		Refer to Service Advisor for procedure and specs	
PTO clutch and brake operation	✓				*		Refer to Service Advisor for procedure and specs	
System operating pressure	✓				*		Refer to Service Advisor for procedure and specs	
Transmission Breather	✓				*			
Transmission Drive Shaft Damper	✓				4500 Hours		Replacement	
Transmission Element Leak Test	✓				*		Refer to Service Advisor for procedure and specs	
Transmission operation	✓				*		Refer to Service Advisor for procedure and specs	
Transmission Park Mechanism	✓				250 Hours		Refer to Service Advisor for procedure and specs	
Transmission sump screen	✓				1500 Hours		Clean	
Transmission/hydraulic filters	✓				1500 hours		Replacement	
Transmission/hydraulic/Axle oil	✓				1500 Hours		Replacement	
Transmission/Hydraulic/Axle Oil Level	✓						Check	little low

Track, Wheels, Rollers, Steering and Brakes	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Accumulator Pre-Charge Check	✓				*		Refer to Service Advisor for procedure and specs	
Brake Operation	✓				250 Hours		Check Operation - Refer to Service Advisor for procedure and specs	
Drive Wheels	✓						Check	
Drive Wheels Mounting Hardware	✓				500 Hours		Tighten	
Drive Wheels oil Level	✓				1500 Hours		Check	
Idlers	✓						Check	
Idlers Mounting Hardware	✓				500 Hours		Tighten	
Idlers Oil Level	✓				1500 Hours		Check	
Inspect Undercarriage Frame and Mid Frame	✓				*			
Mid-Rollers	✓						Check	
Mid-Rollers Mounting Hardware	✓				500 Hours		Tighten	
Mid-Rollers Oil Level	✓				1500 Hours		Check	
Steering Drift Test	✓				*		Refer to Service Advisor for procedure and specs	
Steering Filter	✓				1500 Hours		Replacement	
Steering motor, cylinders, and hoses	✓				*		Leakage	
Steering operation	✓				*			
Steering valve	✓				*		Leakage	
Track	✓						Clean/Debris	
Track Alignment	✓						Check	
Track Cylinder Tension	✓						Lubricate	
Traction Lug Height	✓				*		25% of Original Height	
Walking Beam Air Suspension	✓				250 Hours		Clean/Debris	
Walking Beam Air Suspension Filter	✓				1500 Hours		Replacement	
Walking Beam Bumpers	✓				500 Hours		Inspect	
Walking Beam Bumpers	✓				1000 Hours		Replacement	

Hitch and Hydraulic System	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Adjustments					*			
Cycle test					*			
Cycle tests					*			
Hydraulic Pump Flow Test From SCV	✓				*		Refer to Service Advisor for procedure and specs	
Hydraulic Pump Sump Screen	✓				1500 Hours		Clean/Debris	
Leaks	✓				*			
Lines and clamps	✓				*			
Main pump standby pressure	✓				*		Refer to Service Advisor for procedure and specs	
Operation	✓				*			
Operation	✓				*			
Rear Hitch Components	✓				250 Hours		Lubricate	<del>Oil</del>
Rear Hitch Draft Sensor	✓				500 Hours		Lubricate	
Rockshaft/EH hitch	✓				*			
Selective control valve and coupler					*		Pressure Test	
Hitch and Hydraulic System Installed Options	OK	Installed (Y/N)	Repair / Replace	Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
CAT5/CAT4 Drawbar ADAPT Kit	✓						Verified if installed and functioning correctly: Attachment number: RE278847	Convert CAT5 drawbar to CAT4
HITCH KIT							Verified if installed and functioning correctly: Attachment number: RE311348	Electronic sensor that allows smooth and accurate hitch connections (Wheeled 9R)
PTO KIT							Verified if installed and functioning correctly: Attachment number: RE304682	All PTO mounting and shielding is contained in this kit
6TH SCV, HI-FLOW KIT							Verified if installed and functioning correctly: Attachment number: RE310796	Additional SCV

Operators Station	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Air conditioning	✓				*		Check for external plugging	
Condenser	✓				*			
Evaporator	✓				*			
Operation	✓				*			
System charge	✓				*			
Blower motor operation	✓				*			
Cab Body	✓				*			
Cab Body mounting	✓				*			
Cab Fresh Air Filter	✓				1000 Hours		Replacement	<i>replace</i>
Cab Recirculation Air Filter	✓				1000 Hours		Replacement	
Heater core	✓				*			
Heater operation	✓				*			
Mirrors	✓				*			
ROPS	✓				*			
Seat belt	✓				*		Worn / Improper Function	
Seat operation	✓				*			
Wiper blade condition	✓				*			
Wipers and Washers	✓				*			
Misc.	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Comments
	OK	Repair / Replace	Needs Adjusted					
Belt Tensioners	✓				1500 Hours		Refer to Service Advisor for procedure and specs	
Drawbar & Support	✓				500 Hours		Tighten Mounting Hardware	
Fire extinguisher (If equipped)	✓				*			
Frame and weights	✓				*			
Grease entire machine	✓				*			
PTO shield	✓				*			
Recheck Stored Codes	✓				*		Record and Clear all Stored Codes Recheck for Fault codes that may have been logged during inspection and testing procedures.	
Safety decals	✓				*			
Sheet metal	✓				*			
SMV sign	✓				*			
Wheel Bolt Torque	✓				500 Hours			
Wheels	✓				*			

