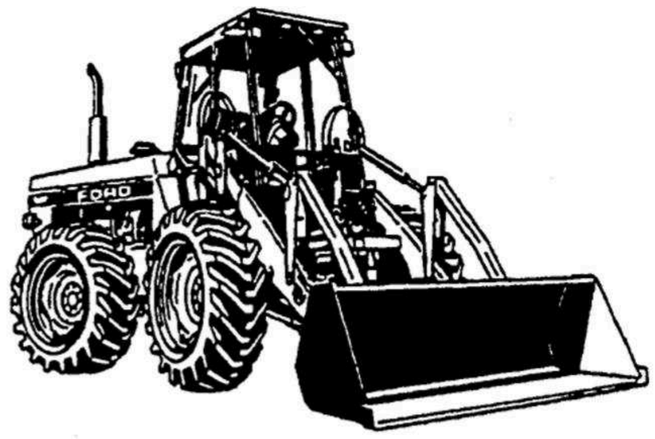


NEW HOLLAND
Bidirectional
9030
Tractor

REPAIR MANUAL

NEW HOLLAND AGRICULTURE

SERVICE

40903000

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LUBRICATION SCHEDULE

Service intervals recommended in this manual are based on operation under average conditions. Service the tractor more frequently when operating in conditions of severe heat, cold, dust or humidity. The lubrication schedule lists the points and frequency of lubrication. Refer to the equivalency chart for the lubricant brands meeting the required specifications.

	AS REQUIRED	DAILY 10 HOURS	WEEKLY 50 HOURS	100 HOURS	200 HOURS	300 HOURS	400 HOURS	YEARLY 1000 HOURS	1200 HOURS OR 2 YEARS	LUBRICANT[6]	NO. OF POINTS
Check engine oil level		X								A	
Check hydraulic/hydrostatic reservoir sight glass level		X								E	
Check radiator sight glass level		X									
Add erosion/corrosion control additive						X					
Check PTO clutch/splitter box sight glass level		X								E	
Clean radiator, grill and oil cooler	X	X									
Check batteries					X						
Check air conditioner compressor belt tension					X						
Check transmission oil level					X[3]					C	
Check differential oil level					X[7]					D	4
Check drop axle oil level					X[3]					D	
Check brake fluid level					X					F	
Check PTO drop box oil level					X					C	
Lubricate the main drivelines and support bearing				X[1]						B	9
Lubricate steering cylinder pins				X[1]						B	4
Lubricate frame pivots				X[1]						B	2
Lubricate oscillating cradle pivots				X[1]						B	2
Drain water separator		X									

1 Lubricate more frequently under continuous use.
2 Change oil and filter after the first 50 hours of operation and every 200 hours thereafter.
3 Change oil after the first 50 hours of operation and every 1000 hours thereafter.
4 Torque wheel bolts after the first half hour of operation, every 50 hours until 400 hours, and every 200 hours thereafter.
5 Torque rim or clamp every 10 hours until 50 hours, every 50 hours until 400 hours, and every 400 hours thereafter.
6 See Lubricant Brand Equivalancy Chart.
7 After first 100 hours of use, drain, flush and replace the oil and additive in the Dana Powr-lok® differential.

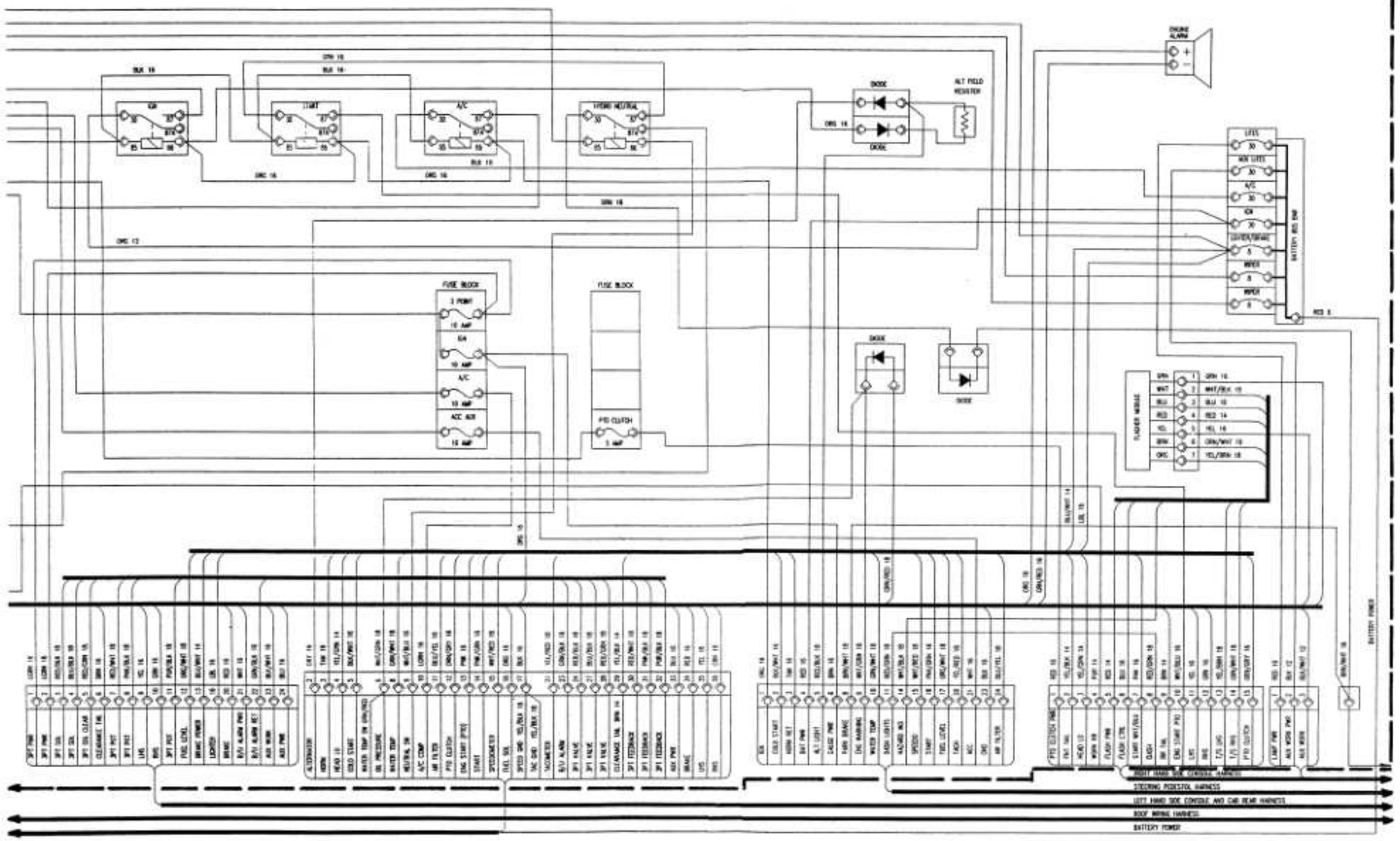
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	AS REQUIRED	DAILY 10 HOURS	WEEKLY 50 HOURS	100 HOURS	200 HOURS	300 HOURS	400 HOURS	YEARLY 1000 HOURS	1200 HOURS OR 2 YEARS	LUBRICANT[6]	NO. OF POINTS
Lubricate three-point hitch cab end and engine end				X[1]						B	4
Lubricate the PTO drivelines in the pivot area					X[1]			3		A	3
Lubricate window and door hinges	X									A	6
Clean air cleaner filters	X[9]					X[9]					
Check air cleaner tube connections			X								
Change air intake filters	X[9]										
Change engine oil and filter			X[2]		X					A	
Change fuel and water separator filters						X					
Check alternator/fan/water pump belt	X										
Change hydraulic/hydrostatic oil filters					X						
Change coolant and add coolant additive									X		
Check transmission oil					X[3]			X			
Check drop axle oil					X[3]					D	4
Check PTO clutch/splitter box oil					X[10]		X			E	
Check PTO drop box oil					X[10]					C	
Check hydraulic/hydrostatic oil	X[3]										
Adjust parkbrake	X										
Check and/or adjust PTO clutch control	X			X							
Drain contamination from fuel tanks					X						
Check wheel bolt torque					X[4]						
Torque axle mounting bolts					X						
Check and/or change cab air intake filter							X				
Check air-conditioner sight glass for bubbles. Clean condenser	X										
Check PTO transfer case oil					X[10]						

1 Lubricate more frequently under continuous use.
2 Change oil and filter after the first 50 hours of operation and every 200 hours thereafter.
3 Change oil after the first 50 hours of operation and every 1000 hours thereafter.
4 Torque wheel bolts after the first half hour of operation, and every 50 hours until 400 hours, and every 200 hours thereafter.
5 Torque rim or clamp every 10 hours until 50 hours, every 50 hours until 400 hours, and every 400 hours thereafter.
6 See Lubricant Brand Equivalency Chart.
7 After first 100 hours of use, drain, flush and replace the oil and additive in the Dana Powr-lok® differential.
8 Clean out element as recommended and inspect the inner element. Check indicator light function every 300 hours.
9 Replace the air filter yearly or sooner in dusty conditions.
10 Change oil every 400 hours.

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JUNCTION BOX WIRING



9030 BIDIRECTIONAL TRACTOR WIRING DIAGRAM S/N D200234 – D202206

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