

The service intervals for the Preventative Maintenance Checklist are base on normal operating conditions. The normal operating conditions include eight hours a day, or forty hours a week. If operating conditions or duty cycles are more severe, servicing of trucks should be preformed more frequently.

E SERIAL #_	MODEL_		HOUR METER READING			
nin jobs to be preformed de onnected /removed and the inspect and then repair an	e machine turned off.	The scope	of the Prev	entative M		
ТОРІС	;	DAILY OR 8 HOURS	MONTHLY OR 200 HOURS	6 MONTHS OR 1200 HOURS	ANNUALLY	
Pre-Operation Checklist (To						
Operator Prior to Operating nspect & clean I.D. tags for rea onger readable or are missing	adability. Replace if no	х				
Inspect chassis & cab structure Report to Supervisor if damage	es for physical damage.	х				
Inspect mirrors and windows (i		Х				
Push horn button on steering www.working condition.		х				
Inspect siren for proper working	condition.	Х				
Inspect all strobe light(s) for pro	oper working condition.	Х				
Inspect all headlights (front/rea condition.	r) for proper working	х				
Inspect back-up alarm(s) for pro	oper working condition.	Х				
Inspect seat for wear and adjus position.	t to proper operating	х				
nspect seat belt for wear and pondition.	proper operating	х				
Test seat switch (deadman) for	proper operation.	Х				
nspect all gauges for proper we	orking functions.	Х				
nspect all switches for proper (Keyswitch, Lights, Fan, Etc	•	Х				
Inspect all hydraulic levers for p (Lift, Lower, Side Shift, Fork Po	osition, Etc)	Х				
Inspect all foot pedals for prope (Accelerator & Brake).	-	х				
Inspect battery disconnect swit	tch for proper operation.	X				
Inspect handrails (if equipped).		X				
Inspect steps and floor of cab f	or cleanliness.	Х				
DRIVE & STEER WHEELS:						
nspect for any physical wear o wheels.Check torque of lug nut	_	Х				
HYDRAULICS:						
Check hydraulic fluid level. Mai fluid to specified "FULL" mark.	·	Х				
Inspect hoses and piping for lea Check also for cracked hoses, chafing of pipes.		x				
Inspect all hydraulic cylinders fand operation.	or mounting, leakage,	х				



TOPIC	DAILY OR 8 HOURS	MONTHLY OR 200 HOURS	6 MONTHS OR 1200 HOURS	ANNUALLY
MAST ASSEMBLY:				
Check all mast mounting hardware.	Х			
Inpsect for missing or broken pins and links.	Х			
BRAKES:				
Check for leaks.	Х			
PARKING BRAKE:				
Manually adjust the brake lever / cable for proper actuation.	Х			
SAFETY:				
Report any other dangerous or hazordous conditions found prior to operation to your foreman / supervisor / manager immediately.	Х			

Below is the Preventative Maintenance Checklist that needs to be conducted by either the Maintenance Department of your company or a Maintenance Technician from the dealer that this truck was purchased from. The scope of this checklist is to inspect and then repair any items not meeting acceptable standards.

ТОРІС	DAILY OR 8 HOURS	MONTHLY OR 200 HOURS	6 MONTHS OR 1200 HOURS	ANNUALLY
Drive Axle				
	1			
Visually inspect daily.				
Check mounting bolts / lug nuts.			Х	
Maintain oil levels in differential and planetary hubs.		Х		
maintenace and type of lubrication. (Section B).				X
Drive Shaft				
Lubricate drive shafts, universal joints, slip joints.		Х		
Check attaching bolts.			Х	
Steer Axle				
Visually inspect daily.				
Lubricate all grease fittings.		Х		
Lubricate wheel bearings and spindles.				Х
Check mounting bolts.			Х	
Inspect steer rings / stops.			Х	
Check axle caps for tightness and if any are missing.		Х		
Check cylinder for proper operation and leaks.		Х		
Lubricate central lube block.		Х		



Brakes Check fluid level in wet disc type brakes. Check for wear in mechanical brakes. Refer to brake maintenance section. (Section B) Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. K X Carriage Assembly Carriage Assembly	TOPIC	DAILY OR	MONTHLY OR 200	6 MONTHS OR 1200	ANNUALLY
Check fluid level in wet disc type brakes. Check for wear in mechanical brakes. Refer to brake maintenance section. (Section B) Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X Carriage Assembly	TOPIC	8 HOURS			ANNOALLT
Check fluid level in wet disc type brakes. Check for wear in mechanical brakes. Refer to brake maintenance section. (Section B) Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X Carriage Assembly					
Check for wear in mechanical brakes. Refer to brake maintenance section. (Section B) Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X X X X X X X X X X X X X	Brakes				
Refer to brake maintenance section. (Section B) Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X X Carriage Assembly					
Accumulator - Precharge to be 800-1000 psi. Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X Carriage Assembly			Х		
Operation cycle should get 4 to 6 brake pedal compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	` ,				Х
Carriage Assembly Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware.					
compressions before pump recharges accumulator. (See Hyd. Section). Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	1 ' '			x	
Parking Brake Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly				^	
Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	(See Hyd. Section).				
Brake pads (replace when required). Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	Darking Broko		=====	-	
Actuator adjustment. (initial adjustment required when parking brake pads are replaced.) Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly				Y	
Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly					
Mast Assembly Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	, , , , , , , , , , , , , , , , , , , ,			Х	
Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	parking brake pads are replaced.)				
Visually inspect daily. Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. Carriage Assembly	Mast Assembly				
Lubicate tilt cylinder bushings, grease fittings. Check all mast mounting hardware. X Carriage Assembly	-				
Check all mast mounting hardware. X Carriage Assembly			Х		
Carriage Assembly	, , ,				
	Carriage Assembly				
Visually inspect daily.	Visually inspect daily.				
Lubricate cylinder mountings, grease fittings, special	Lubricate cylinder mountings, grease fittings, special		v		
attachments.	attachments.		^		
	Hydraulic System				
	Inspect hydraulic pump(s) for leakage and operation.		Х		
· · · · · · · · · · · · · · · · · · ·	Drain and clean inside of tank. After flushing the entire				l x
nydraulic system, refill tank.	hydraulic system, refill tank.				^
Hydraulic Filters	Hydraulic Filters				
	Clean / replace tank strainer(s).			У	
Clean breathers.					
Change hydraulic oil filter(s) / element(s)					
For further maintenance of hydraulic value refer to	For further maintenance of hydraulic valve refer to				
· I I X I	Section H.				X
			<u> </u>	<u> </u>	
Misc.	Misc.				
Lubricate all grease fittings not listed elsewhere in	Lubricate all grease fittings not listed elsewhere in				
manual. Use oil on linkages not having greaseable	manual. Use oil on linkages not having greaseable			Х	
fittings.	fittings.				



TOPIC	DAILY OR 8 HOURS	MONTHLY OR 200 HOURS	6 MONTHS OR 1200 HOURS	ANNUALLY
Electrical System		-		
Blow out drive motor(s).			Х	
Blow out pump motor(s). (Lift & Power Steering)			X	
Inspect all motors for proper operation.			X	
Inspect motor commutators / armatures. Replace as			.,	
required.			Х	
Check motor mounting and electrical connectors.			Х	
Inspect all motor brushes and brush spring tension.			Х	
Check for excessive battery leakage to chassis.			Χ	
Inspect battery connectors.		Х		
Inspect battery(s) for damage, corrosion, and leaks.		Х		
Inspect battery electrolyte level and specific gravity.				
(add water as required.)		Х		
Inspect battery tray for physical damage / corrosion.			Х	
Inspect cables and connections for tightness.			Χ	
Inspect battery cables for corrosion.		Х		
Refer to Battery Requirements in manual for further				
maintenance on battery.			Х	

ATTENTION

Inspect F/R switch assembly for proper operation.

Check wiring and terminals (keep clean and bright).

Inspect tips of contactors for overheating or burning. Replace tips as needed. (F/R, Main, Lift, Power

Check hourmeter for proper operation. (If applicable).

Steering, Field Weakening, Etc...).

Before performing any of the procedures on the Preventative Maintenance Checklist, Safety should be your primary concern. Remember to abide by all safety practices established by your company. If you notice any unsafe or hazardous conditions before starting any procedure, report it to your foreman / supervisor / manager immediately.

X

X

X

Revised: 05-04-11