

# MAINTENANCE

## SERVICE INTERVALS

No.	Items		Indication on hour meter														Interval	Ref. page			
			50	100	150	200	250	300	350	400	450	500	550	600	650	700					
1	Engine start system	[Manual transmission]	Check	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	130		
		[HST]																	131		
2	Wheel bolt torque		Check	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	132		
3	Greasing	[2WD]	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	129		
		[4WD]																	130		
4	Battery condition		Check		○		○		○		○		○		○		every 100 Hr	134	*1		
5	Fan belt		Adjust		○		○		○		○		○		○		every 100 Hr	133			
6	Brake		Adjust		○		○		○		○		○		○		every 100 Hr	134			
7	Clutch [Manual transmission]		Adjust	⊙	○		○		○		○		○		○		every 100 Hr	133			
8	Air cleaner element	Primary element	Clean		○		○		○		○		○		○		every 100 Hr	132	*2		
			Replace														every 1000 Hr or 1 Year	143	*3	@	
		Secondary element	Replace															every 1000 Hr or 1 Year	143	*3	
9	Transmission oil filter [HST]		Replace	⊙			○				○				○		every 200 Hr	136			
10	Toe-in		Adjust				○				○				○		every 200 Hr	137			
11	Engine oil		Change	⊙							○						every 400 Hr	140			
12	Engine oil filter		Replace	⊙							○						every 400 Hr	140			
13	Water separator		Clean								○						every 400 Hr	142			
14	Fuel filter		Replace								○						every 400 Hr	142		@	
15	Hydraulic oil filter	[HST]	Replace	⊙							○						every 400 Hr	141			
		[Except HST]	Replace								○						every 400 Hr	141			
16	Transmission fluid		Change								○						every 400 Hr	141			
17	Greasing (2WD front wheel hub)		-								○						every 400 Hr	142			
18	Front axle pivot		Adjust												○		every 600 Hr	143			
19	Front axle case oil [4WD]		Change														every 800 Hr	143			
20	Engine valve clearance		Adjust														every 800 Hr	143	*4		
21	Exhaust manifold		Check														every 1000 Hr or 1 year	144	*3, *4		
22	Fuel injector nozzle tip		Clean														every 1500 Hr	144	*4	@	
23	Oil separator element		Replace														every 1500 Hr	144		@	
24	PCV (positive crankcase ventilation) valve (Oil separator)		Check														every 1500 Hr	144	*4	@	

(Continued)

No.	Items		Indication on hour meter														Interval	Ref. page				
			50	100	150	200	250	300	350	400	450	500	550	600	650	700						
25	EGR cooler	Check and clean																	every 1500 Hr	144	*4	@
26	Cooling system	Flush																	every 2000 Hr or 2 years	145	*5	
27	Coolant	Change																	every 2000 Hr or 2 years	145	*5	
28	EGR system	Check and clean																	every 3000 Hr	146	*4	@
29	Supply pump	Check																	every 3000 Hr	146	*4	
30	DPF muffler	Clean																	every 3000 Hr	146	*4	@
31	Turbo charger	Check																	every 3000 Hr	146	*4	@
32	Fuel line	Check																	every 1 year	147	*6	@
		Replace																	every 4 years	150	*4, *6	
33	Power steering oil line	Check																	every 1 year	148	*6	
		Replace																	every 4 years	150	*4, *6	
34	Oil cooler line [HST]	Check																	every 1 year	148	*6	
		Replace																	every 4 years	150	*4, *6	
35	Radiator hose and clamp	Check																	every 1 year	147	*6	
		Replace																	every 4 years	149	*6	
36	Intake air line	Check																	every 1 year	147	*6	@
		Replace																	every 4 years	150	*6	
37	Oil separator hose	Check																	every 1 year	148	*6	
		Replace																	every 4 years	150	*4, *6	
38	Antifrost heater for oil separator (if equipped)	Check																	every 1 year	149	*4	
39	DPF related pipe	Check																	every 1 year	149	*4	
40	EGR pipe	Check																	every 1 year	149	*4	
41	DPF related rubber pipe	Replace																	every 2 year	149	*4	
42	EGR cooler rubber pipe	Replace																	every 2 year	149	*4	
43	Fuel system	Bleed																	Service as required	150		
44	Clutch housing water	Drain																152				
45	Fuse	Replace																152				
46	Light bulb	Replace																154				
47	Fuel line	Replace																155		*6		
48	Radiator hose and clamp	Replace																155		*6		
49	Intake air line	Replace																155		*6		
50	Power steering oil line	Replace																155		*6		
51	Oil cooler line [HST]	Replace																156		*6		
52	Oil separator hose	Replace																156		*6		

**IMPORTANT :**

- You must perform the jobs indicated by © after the first 50 hours of operation.
- The items which is @ marked are registered as the emission-related-critical-parts by KUBOTA in the U.S.EPA nonroad emission regulation. As the engine owner, you are responsible for the performance of the required maintenance on the engine according to the preceding instruction.  
Please refer to the Warranty Statement in detail.

- **When using biodiesel, be sure to check the maintenance requirements of biodiesel fuel because the intervals will change in some of the items.**

- \*1 When the battery is used for less than 100 hours per year, check the battery condition by reading the indicator annually.
- \*2 Clean the air cleaner more often in dusty conditions than in normal conditions.
- \*3 Every 1000 hours or every 1 year, whichever comes first.
- \*4 Consult your local KUBOTA Dealer for this service.
- \*5 Every 2000 hours or every 2 years, whichever comes faster.
- \*6 Replace if any deterioration (crack, hardening, scar, or deformation) or damage occurred. However, replace every 4 years regardless of the condition.

## SERVICE INTERVALS (ONLY THE CHECK POINTS FOR TRACTORS WITH CAB)

No.	Items		Daily	Indication on hour meter								Interval	Ref. page	
				100	200	300	400	500	600	700	800			
1	Clogging of air conditioner condenser screen	Clean	○										127	
2	Tension of air conditioner drive belt	Adjust			○		○			○		○	every 200 Hr	139
3	Clogging of inner air filter	Clean			○		○			○		○	every 200 Hr	138
4	Clogging of fresh air filter	Clean			○		○			○		○	every 200 Hr	138
5	Clogging of air conditioner condenser	Check			○		○			○		○	every 200 Hr	139
6	CAB isolation cushion	Check											every 1 year	149
7	Air conditioner pipes and hoses	Check											every 1 year	149
		Replace											every 4 years	150
8	Washer liquid	Check											service as required	156
9	Amount of refrigerant (gas)	Check											service as required	156
10	Air conditioner pipes and hoses	Replace											service as required	150