CX800 Excavator

Operator's Manual

Bur 6-32481na

CASE CONSTRUCTION

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1. Operator's seat
2. Left-hand control arm
3. Function cancellation lever
4. Left-hand control lever, arm and upperstructure swing controls, horn
5. Footrest
6. Left-hand travel control pedal and lever
7. Right-hand travel control pedal and lever
8. Option pedal
9. Systems display and control panel
10. Right-hand control lever, boom and bucket controls, engine idle
11. Right-hand control arm
12. Cab interior lighting
13. Rear window opening system
14. Air vents
15. Safety bar
16. Left-hand control arm tilt adjustment and function cancellation lever
17. Right-hand control arm tilt adjustment lever

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SELF-DETACHING COUNTERWEIGHT (optional)

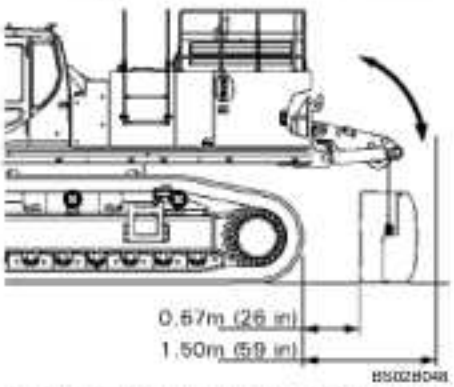
IMPORTANT: *When handling the counterweight:*

- The machine must be on flat, hard, level ground.
- The upperstructure must be in line with the undercarriage with the travel reduction gears to the rear.
- The dipper and bucket must be retracted as far as possible and then lowered to the ground.
- Engine speed must be at low idle.
- The function cancellation lever must be in raised position with the safety bar in inward position.

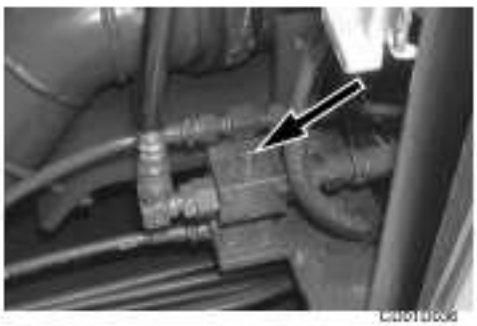
IMPORTANT: *It is strictly forbidden to remain within the counterweight handling area.*

REMOVAL

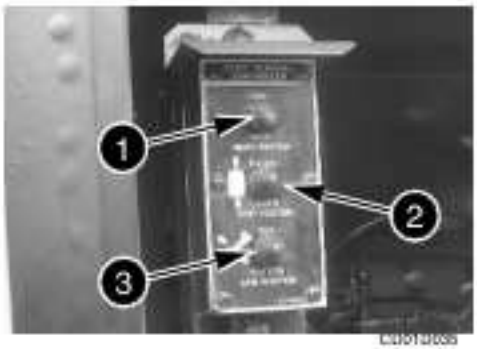
NOTE: Counterweight moving distance is 1.50 m maximum and 0.67 m minimum (59 in maximum and 26 in minimum), measured from the tracks.



1. Make sure there is nothing under the counterweight.
2. Remove the lower panel (under the engine) and then remove the two bolts holding the counterweight on the inside.
3. Open the engine hood and remove the two bolts holding the counterweight on the upper side. Close the hood.



4. Open the supply valve.



5. Place the control box switch (1) in "ON" position.

NOTE: Engine speed will automatically rise to 1700 rpm.

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INTERVALS

PAGE	SERVICE POINTS	NB OF POINTS	INTERVALS IN HOURS				
			CLEAN	REPLACE	CHECK	GREASE	DRAIN
142	Engine oil level	1			10		500
145	Coolant level	1			10		
153	Hydraulic reservoir level	1			10		
144-173	Radiator and oil cooler	1	500		10		
174	Fan/alternator belt tension	1			10/250		
147	Drain fuel tank sediment	1			50		
147	Drain water separator	1			50		
162	Hydraulic system lines	-			50		
181	Air conditioning	-	50	5000	50 (E)		
153	Drain hydraulic reservoir sediment	1			250		
164	Primary air filter element	1	250 (B)	1000 (C)	250 (B)		
166	Swing reduction gear oil level	2			250		
168	Travel reduction gears oil level	2			250		
172	Track shoe bolt torque	-			250 (D)		
172	Idler wheel and rollers	-			250		
185	Bolt and nut torque	-			250 (D)		
189	Battery electrolyte level	2			250		
136	Turntable bearing	3				500	
139	Turntable bearing teeth	1				500	
143	Engine oil filters	2		500			
148	Fuel filter	1		500			
148	Water separator filter	1	500				
137	Attachment	-				1000 (A)	
140	Self-detaching counterweight (opt)	1				1000	
149	Priming pump screen	1	1000				
151	Hydraulic fluid condition	1			1000		
154	Pilot filter	1		1000 (F)			
151	Breather filter	1		1000			
164	Secondary air filter element	1		1000 (G)			
166	Swing reduction gear	2					1000 (H)
168	Travel reduction gears	2					1000 (H)
155	Suction filter	1	2000	5000			
156	Return filter	2		2000 (F)			
157	Ultra Clean filter	2		2000			
151	Hydraulic fluid	1		5000			
82	Load Holding Control Devices	2				(I)	
173-183	Cooling circuit	1					(J)
159	High pressure line filters	2	(M)				
169	Tracks	2	(K)		(K)		
176	Fuel tank filter	1			(K)		
176	Machine inspection	-	(K)		(K)		
180	Fire extinguisher	1			(L)		

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