CX290 Excavator

Operator's Manual

6-31380

CASE CONSTRUCTION

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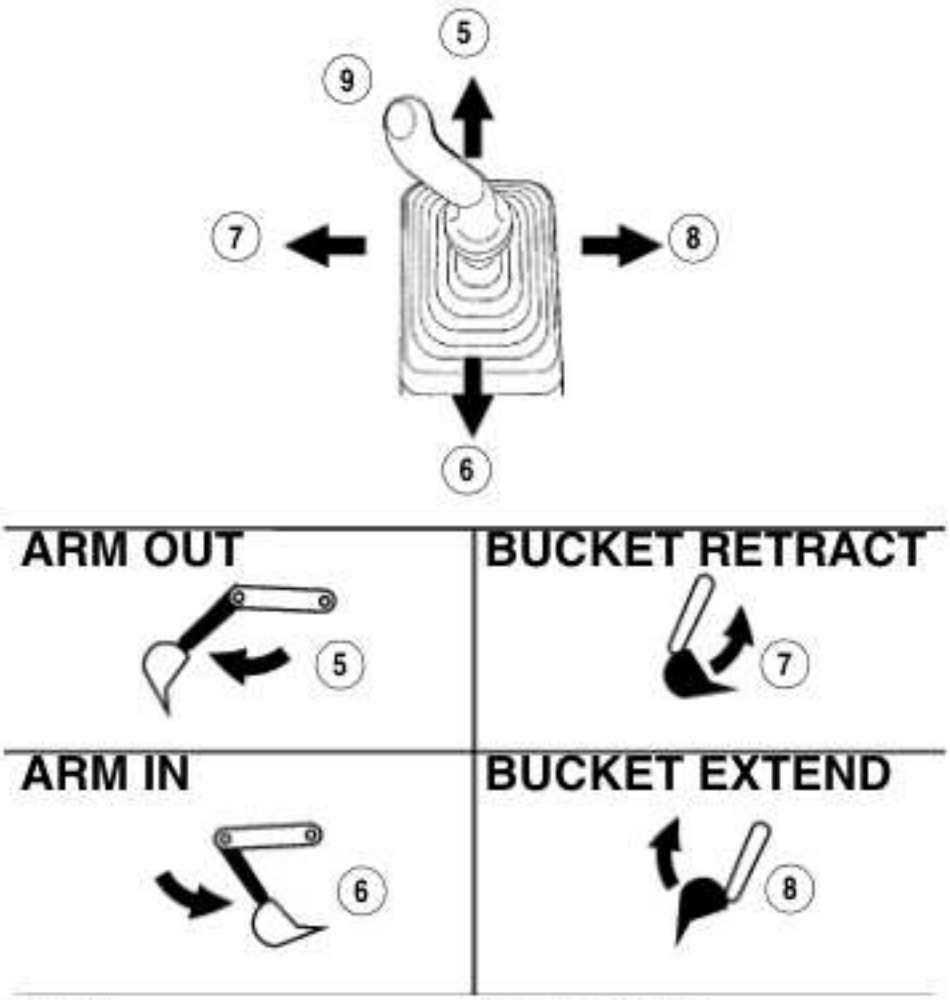
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OPTIONAL CONTROL PATTERN

BOOM AND BUCKET RIGHT-HAND CONTROL LEVER



5.**Arm out**

6.**Arm in**

9. NEUTRAL (HOLD) When the control levers are returned to NEUTRAL (HOLD), all movement stops. When released, both control levers return to NEUTRAL (HOLD) automatically.

7.**Bucket retracts**

8.**Bucket extends**

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AIR FILTER

INSPECTION

Be sure to carry out regular checks on the air filter, intake manifold, seals and hoses. At the same time, check the intake manifold screws and hose clamps for tightness.

The hoses should be replaced before they are worn.

AIR FILTER RESTRICTION INDICATOR



CDXE114

Located next to the air filter, this indicator shows the state of the air filter elements. When the central zone of the indicator becomes red then the elements must be serviced, irrespective of the next scheduled service interval.
Once the elements have been serviced, press the button on top of the indicator to start a new indication cycle.

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SERVICE SPECIFICATIONS

Inspect and clean the primary element ..... Every 250 hours
or when central zone of the indicator turns red
Replace the primary element ..... Every 1000 hours
or after cleaning six times
Replace the secondary element..... Every 1000 hours
or after cleaning the primary element three times

IMPORTANT: *The primary element can be cleaned. The secondary element can not be cleaned and must be replaced.*

IMPORTANT: *Observe the air filter service intervals shown above. Clean filters mean longer engine life.*

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WITH 3.20 M (10 FT 6 IN) ARM IN (LIGHT/LIFT) MODE

	OVER END				Unit-lb
Load (Lift) Point Height	Load Radius				
	10 ft	15 ft	20 ft	25 ft	Maximum
25 ft					8 375* at 23 ft 2 in
20 ft				10 827*	8 198* at 26 ft 6 in
15 ft			16 213*	14 517*	8 415* at 28 ft7 in
10 ft	39 641*	24 688*	18 873*	15 918*	8 990* at 29 ft 7 in
5 ft	14 474*	29 706*	21 467*	15 904	10 009* at 29 ft 10 in
Ground Level	18 200*	32 247*	21 916	21 916	11 721* at 29 ft 2 in
-5 ft	25 820*	32 245*	21 522	15 240	13 172 at 27 ft 7 in
-10 ft	35 887*	30 001*	21 492		15 391 at 24 ft 11 in
-15 ft	34 319*	25 021*	18 374*		17 582* at 20 ft 7 in

	OVER SIDE				Unit-lb
Load (Lift) Point Height	Load Radius				
	10 ft	15 ft	20 ft	25 ft	Maximum
25 ft					8 375* at 23 ft 2 in
20 ft				10 827*	8 198* at 26 ft 6 in
15 ft			16 075	11 089	8 415* at 28 ft 7 in
10 ft	39 641*	23 685	15 112	10 599	7 949 at 29 ft 7 in
5 ft	14 474*	21 794	14 181	10 100	7 610 at 29 ft 10 in
Ground Level	18 200*	20 710	13 505	9 708	7 681 at 29 ft 2 in
-5 ft	25 820*	20 315	13 158	9 497	8 240 at 27 ft 7 in
-10 ft	35 887*	20 376	13 132		9 600 at 24 ft 11 in
-15 ft	34 319*	20 842	13 475		12 886 at 20 ft 7 in

NOTE: *Capacities that are marked with an asterisk (*) are limited by hydraulic capacities.*

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