CX130C Tier 4
Crawler Excavator

Operator's Manual

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CASE
CONSTRUCTION

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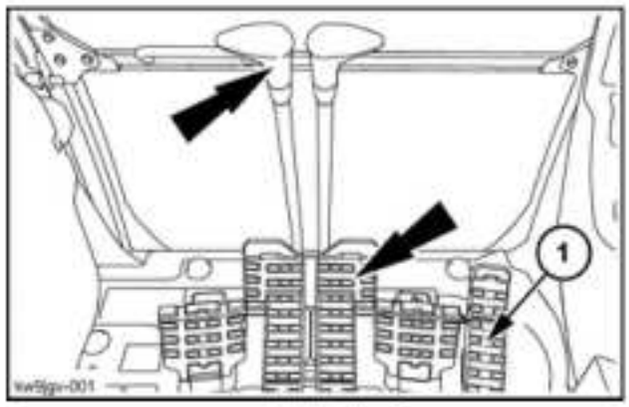
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Travel control levers and pedals

These levers and pedals are used to move the machine. (Refer to page **4-15**).

ATTENTION: *Lock the travel pedal* ***(1)*** *when not in use. See chapter "Locking the travel pedal".*

NOTE: *Travel speed either forward or in reverse depends on the position of the travel speed selector. (Refer to page* ***3-22****).*



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Auxiliary pedal (if equipped)

⚠WARNING

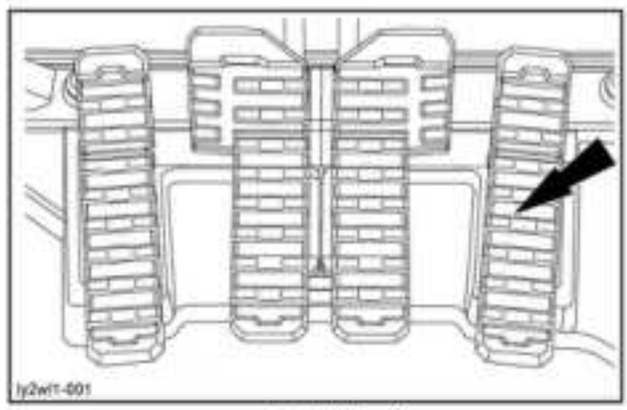
Unexpected machine movement!
ALWAYS lock the auxiliary pedals when not in use.
Failure to comply could result in death or serious injury.

W0222A

This pedal is used for optional accessories such as hydraulic breaker, if equipped, etc. (Refer to page **4-33**).

See chapter "Adjustment and locking auxiliary pedals".

ATTENTION: *Consult your CASE CONSTRUCTION Dealer before mounting optional tools.*



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Low flow hydraulic circuit control pedal (if equipped)

⚠WARNING

Unexpected machine movement!
ALWAYS lock the auxiliary pedals when not in use.
Failure to comply could result in death or serious injury.

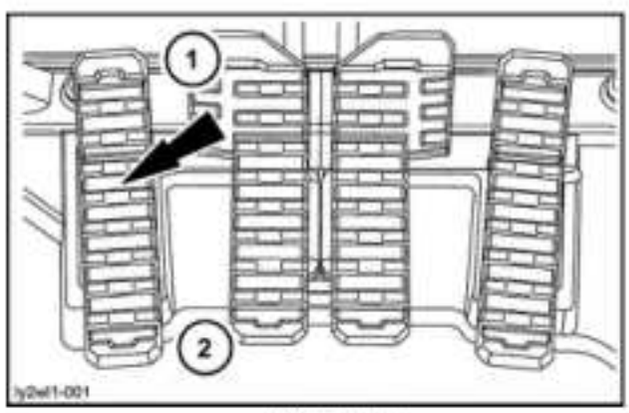
W0222A

This pedal is used to direct the clamshell.

(1) The clamshell turns to the right.
(2) The clamshell turns to the left.

See chapter "Adjustment and locking auxiliary pedals".

ATTENTION: *Consult your CASE CONSTRUCTION Dealer before mounting optional tools.*



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Greasing the turntable teeth

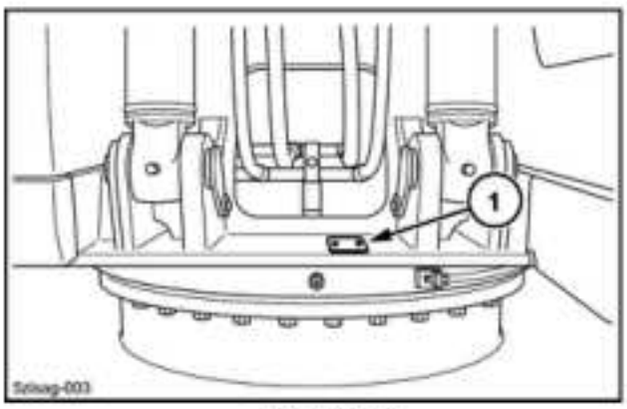
Grease capacity: **9.9 kg** (**21.8 lb**)
Type of grease: (refer to page **6-5**)

Every 500 hours

Remove the inspection cover **(1)** and visually check the condition of the gear surface and for any damage.

If the gear surface is not well greased, add grease.

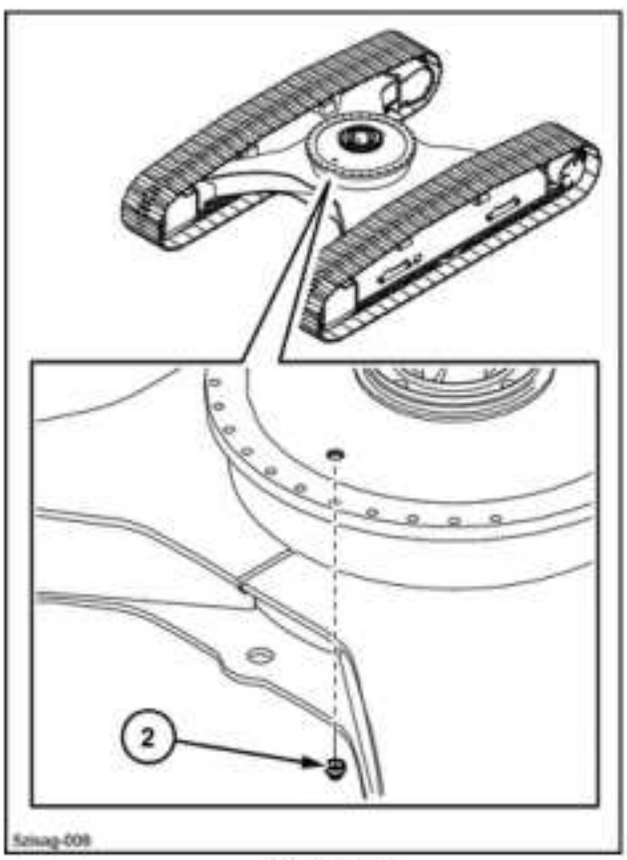
If the grease is white due to moisture content, etc. replace it with new grease.



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If the presence of water is detected, remove the plug **(2)** and drain off the water.

1. Remove the protective panel from the lower central area.
2. Remove plug **(2)**.
3. Discharge the water or contaminated grease.
4. Install plug **(2)**.
5. Insert new grease through the port and install the inspection cover **(1)**.



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8 - SPECIFICATIONS

General specification

Engine

High pressure common rail engine, in conformity, applicable to low fumes emission.

Make and type	ISUZU AM-4JJ1X
Common rail, turbocharger with air cooled intercooler, **DPD** (Diesel Particulate Diffuser) system, fuel cooler	yes
Injection	electric control
Number of cylinders	4
Bore/stroke	**95.4 mm (3.8 in)** x **104.9 mm (4.1 in)**
Displacement	**2999 cm³/rev (183.0 in³/rev)**
Maximum displacement	**359 N·m (264.8 lb ft)** at **1600 RPM**
Cooling	by water
Battery starting	2 x **12 V 72 A·h**
Voltage	**24 V**
Alternator	**50 A**
Starter	**24 V 4.0 kW**

Working conditions

Speed	**2000 RPM**
Power	**74.9 kW (101.8 Hp)** at **2000 RPM**
Engine oil capacity (with remote oil filter)	**17 l (4.5 US gal)**
Fuel tank capacity	**260 l (68.7 US gal)**
Fuel filler pump	if equipped
Engine/pump assembly mounted on flexible mountings	
Filtration in dusty conditions	
Electronically controlled governor	

Hydraulic system

2 variable displacement axial piston pumps with regulating system. Main pump max flow (at **2000 RPM**)	2 x **129 l/min (34.1 US gpm)**
Fixed flow pump (pilot circuit).Max. flow:	**22 l/min (5.8 US gpm)**
Working pressure.Attachment/power boost	**343 - 368 bar (4973.5 - 5336.0 psi)**
Oil cooler with air cooling from engine	
High pressure multispiral hoses minimum safety factor	2 to 4 times the working pressure
Self-lubricating hydraulic swivel	
Hydraulic reservoir capacity	**82 l (21.7 US gal)**
Total hydraulic system capacity	**157 l (41.5 US gal)**

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