

**CX75SR
CX75SR-LR
CX80
CXI35SR
Tier 3
Crawler excavators**

Operator's Manual

Print No. Lep 84336178

4th edition

English 06/2010 - Original instructions
Replaces Lep 84173693



CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

TABLE OF CONTENTS

SECTION 9 - ELECTRICAL SYSTEM	9-1
Fuses	9-1
Batteries	9-4
Alternator	9-8
Starter motor	9-9
Replacing a bulb	9-9
Adjusting the working lights	9-11
SECTION 10 - STORAGE	10-1
Storing the machine	10-1
SECTION 11 - SPECIFICATIONS	11-1
Engine	11-1
Hydraulic system	11-2
Undercarriage	11-4
Safety devices	11-5
Operator's compartment	11-5
Noise levels	11-5
Vibration level inside the cab	11-5
Cab	11-6
Weights	11-6
Booms	11-7
Dippers	11-7
Backhoe buckets	11-8
Machine overall dimensions (CX75SR)	11-10
Machine overall dimensions (CX75SR-LR)	11-12
Machine overall dimensions (CX80)	11-13
Machine overall dimensions (CX135SR)	11-14
Working range (CX75SR)	11-17
Working range (CX75SR-LR)	11-19
Working range (CX80)	11-20
Working range (CX135SR)	11-21
Quick coupler (except CX75SR-LR)	11-24
SECTION 12 - ALPHABETICAL INDEX	12-1

SECTION 3

SAFETY/DECALS/HAND SIGNALS

SAFETY INSTRUCTIONS

Your safety and that of people around you depends on you. It is essential that you understand this manual for the correct operation, inspection, lubrication and maintenance of this machine.

Read this manual carefully and check that:

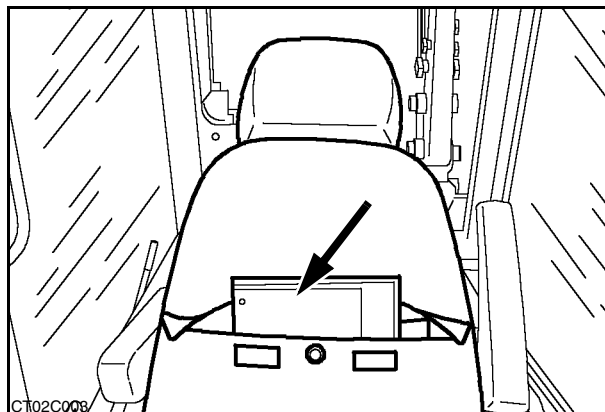
- You understand fully the symbols on the controls and the safety signs used in this manual and on the machine.
- You understand fully the speed, stability, braking and steering characteristics of the machine. If you are in any doubt, consult your CASE Dealer.

The safety messages in this manual concern situations which may arise during normal machine operation and servicing. These safety messages also indicate the different ways of coping with these situations. Other safety messages are used throughout the manual to indicate specific dangers.

Whatever type of work is being done (earthmoving, handling, etc.), the safety measures for private or public work-sites are those which conform to current regulations in the country concerned, or the type of operation concerned (example: mining, quarrying, underground work).

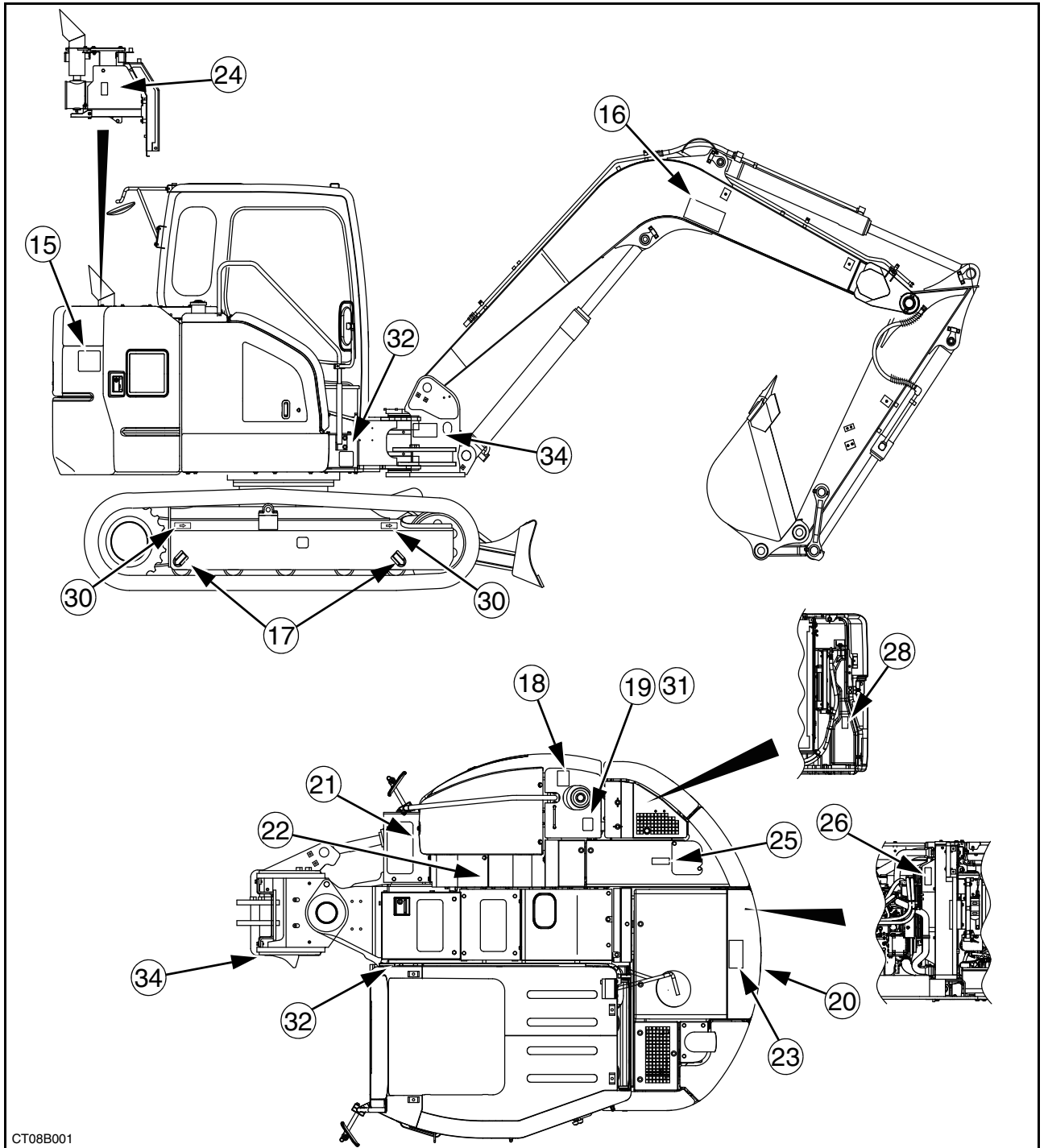
The safety instructions given in this manual are a summary of the basic rules to be respected at all times and do not exempt you from insurance requirements or from abiding by the highway code.

Always keep this manual in the location provided for that purpose (behind the operator's seat). Make sure it is always complete and in good condition. If you wish to obtain extra copies, or copies in languages other than that of the country of use, consult your CASE Dealer.



SECTION 3 - SAFETY/DECALS/HAND SIGNALS

(CX80) When replacing a decal, make sure it is located as shown below.



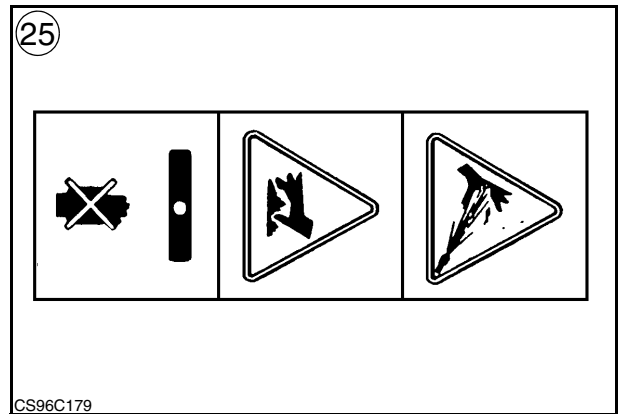
CT08B001

SECTION 3 - SAFETY/DECALS/HAND SIGNALS

RADIATOR

Part number: 168101A1

This decal warns that the radiator must never be touched and that the radiator cap must never be removed while the cooling system is still hot. Wait for the system to cool down before carrying out any operation.

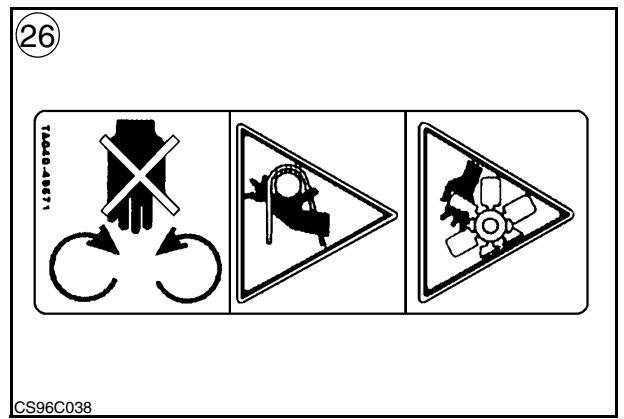


36

FAN BELT

Part number: 168111A1

This decal warns that the fan and the fan belt must never be touched while the engine is running. Stop the engine before performing any operation.



37

(CX135SR) INTERCOOLER (Intermediate cooler)

Part number: KHP12690

This decal warns that one must never touch the cooler when it is still hot.



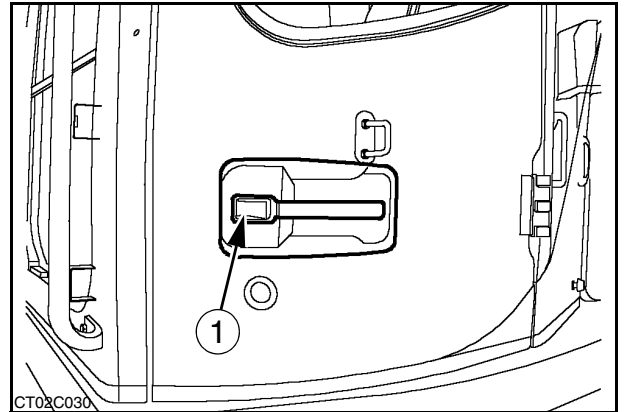
38

SECTION 4

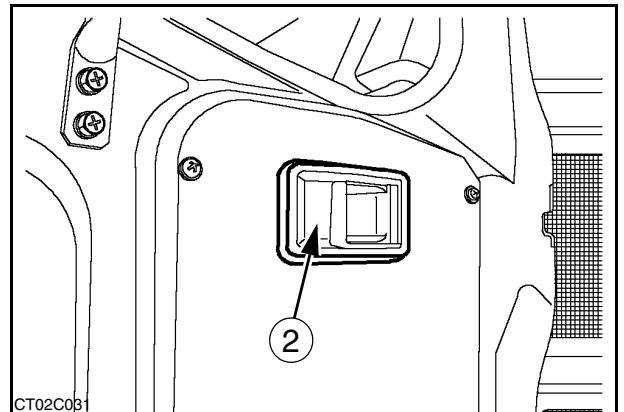
CONTROLS/INSTRUMENTS/ACCESSORIES

CAB DOOR

To open the door, use the handle (1) from the outside and use the handle (2) from the inside.



1



2

The door can be latched in completely open position. To unlatch the door, tilt the lever (3) downwards.



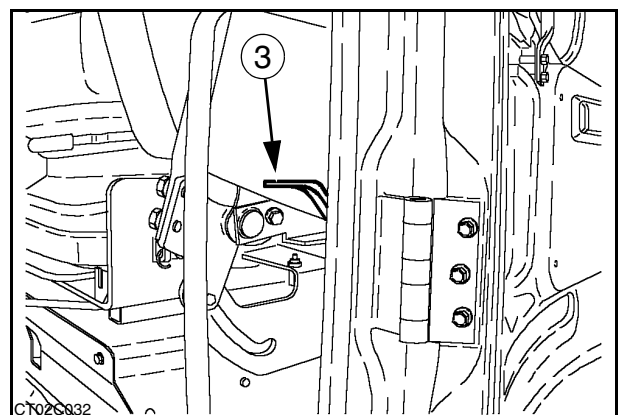
Do not leave the door ajar. Fix it in a latched position.



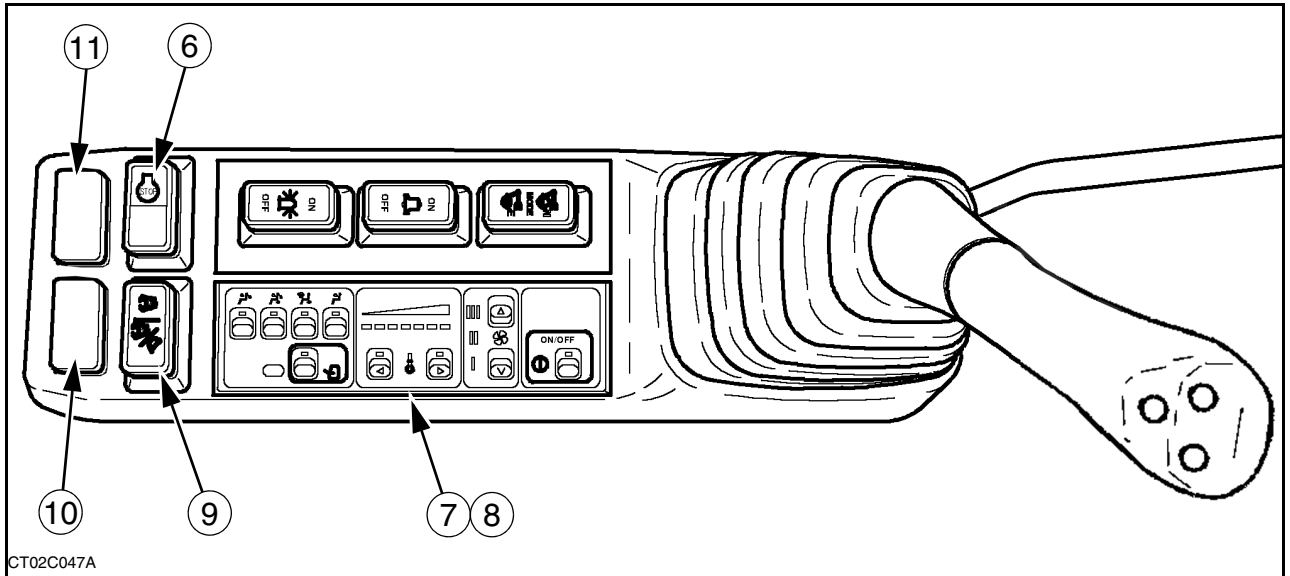
When seated in the operator's compartment, with the engine running, make sure that you do not operate the LH control lever inadvertently when unlocking the door. To prevent any incident, place the LH control arm in the raised position. See "Control locking lever".



Be careful not to get your hand, clothes, etc. caught in the door when closing it.



3



6. EMERGENCY SHUT DOWN SWITCH

This switch shuts down the engine in case of an emergency. See "Stopping the engine" in section 5.

IMPORTANT: This switch should only be used in case of an emergency. Do not use it on a day-to-day basis.

7. HEATING AND VENTILATION CONTROL

See "Heating and ventilation control" for its use.

8. HEATING, VENTILATION OR AIR-CONDITIONING CONTROL (optional)

See "Heating, ventilation or air-conditioning control" for its use.

9. OPTION CONTROL (optional)

This two-position switch enables the activation of options such as the hydraulic breaker, grab, shears, etc. Place the switch in one of the two positions depending on the accessories to be used. See "Auxiliary hydraulic systems" in section 5.

10. QUICK COUPLER LOCKING AND UNLOCKING SWITCH (optional)

See "Quick coupler locking and unlocking control switch".

11. LOCATION OF OPTION CONTROL (optional)

DOZER BLADE CONTROL LEVER (if equipped)

This lever is used to operate the dozer blade.

1. Pull the lever, the dozer blade raises.
2. Push the lever, the dozer blade lowers.

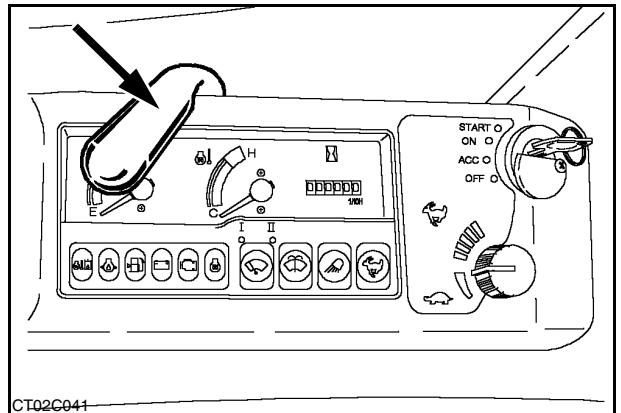
Operation of the dozer blade stops when the lever is released. The lever returns to the neutral position.

NOTE: With the engine shut down, if the dozer blade is in the raised position it is possible to lower it to the ground using the control lever.



WARNING

Before operating the dozer blade, make sure that there is no one standing in its working area.



CT02C041

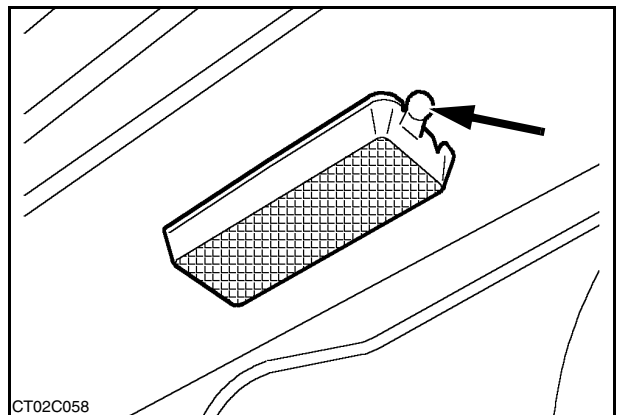
36

CAB LIGHT

Located on top of the cab on the LH side, the lighting is controlled by a switch built into the lamp bracket.

IMPORTANT: Make sure that the lights are switched off after use, otherwise the batteries may become discharged.

NOTE: To replace bulbs, see "Replacing a bulb" in section 9.



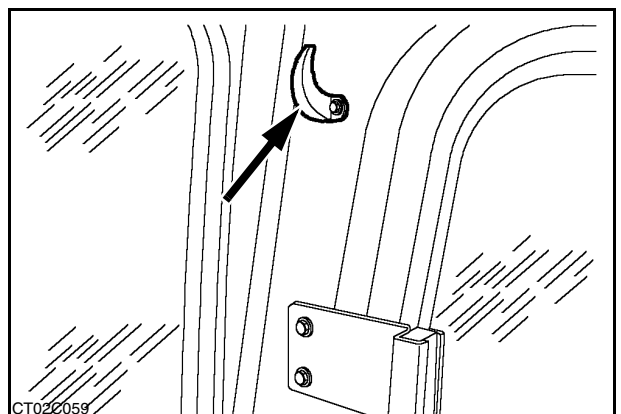
CT02C058

37

COAT HANGER HOOK

The coat hanger hook is located on the rear LH cab upright.

IMPORTANT: Take care not to obscure the view by clothes that are too bulky.

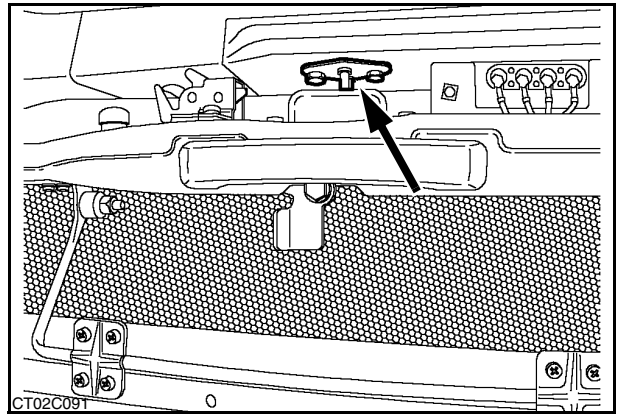


CT02C059

38

SECTION 4 - CONTROLS/INSTRUMENTS/ACCESSORIES

3. Make sure the top of the windshield is correctly latched.

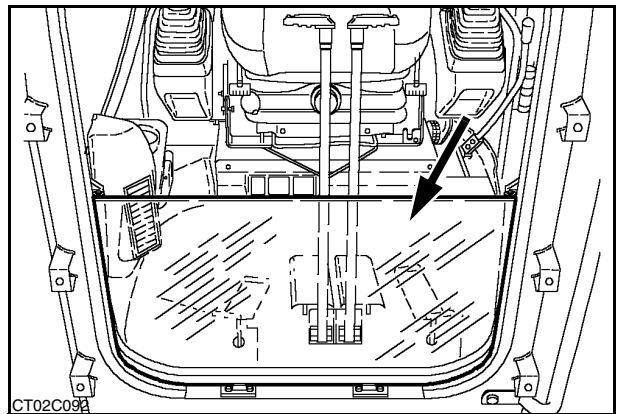


65

LOWER FRONT WINDOW

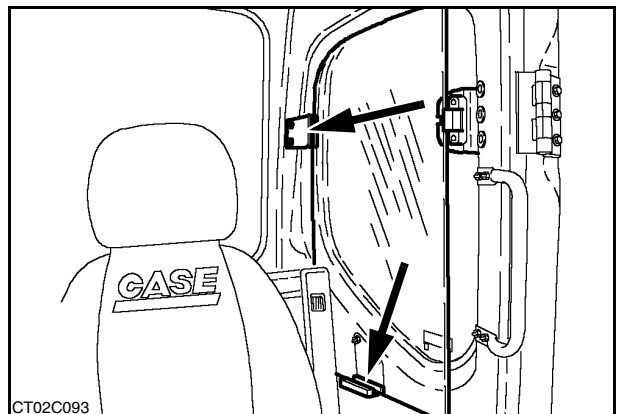
The lower front window may only be removed when the windshield is open.

1. Pull the window upwards to remove it.



66

2. Place the window in the storage position provided to the left of the operator's seat and then engage it correctly.

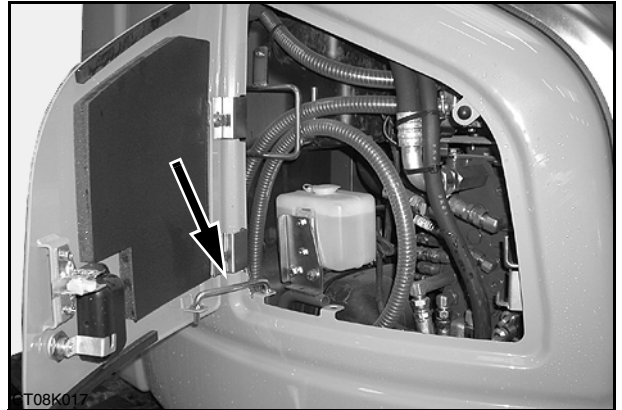


67

RH FRONT SIDE DOOR

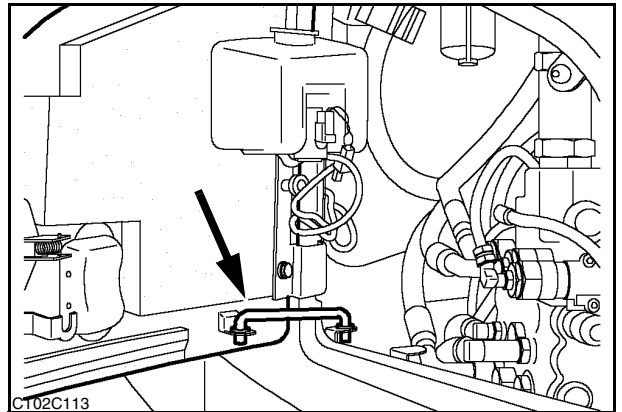
The door gives access mainly to the windshield washer tank, the hydraulic breaker return circuit filter indicator etc.).

(CX75SR, CX75SR-LR, CX80)



90

(CX135SR)



91



Always install the struts when the doors are open.



Before undertaking any travel, make sure the side doors are properly closed.



Never leave tools or other objects behind the side doors.

FUEL TANK FILLER PUMP (CX135SR) (optional)

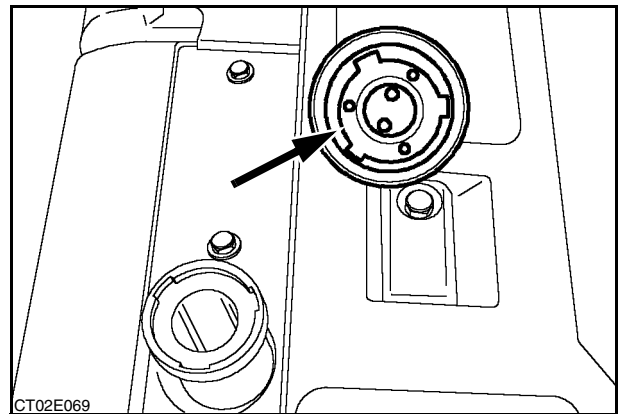


Never refuel when the engine is running. Never smoke while refuelling.

IMPORTANT: Do not put a moisture elimination product (water draining agent) in the fuel tank. (It may damage the engine).

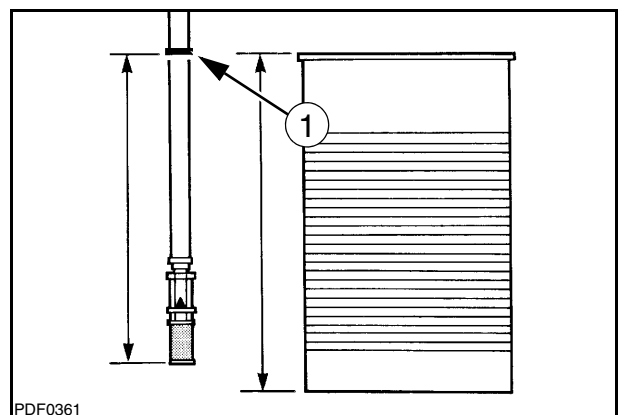
IMPORTANT: This pump is located in the front storage box and is to be used for fuel only. Use suitable fuel, see "Fluids and lubricants" in section 7.

1. Park the machine on flat, horizontal ground, stop the engine and set the starter switch key to the "ON" position (contact).
2. Remove the filler cap from the fuel tank.



115

3. Measure the height of the drum and place the suction tube sight ring (1) at a height slightly lower than that of the drum.



116

OPERATING THE MACHINE IN COLD WEATHER

Follow the following recommendations:

BATTERIES

They should be fully charged.

FUEL

a) To prevent condensation forming and water getting into the fuel system, fill the fuel tank after each day's work and drain off any water before starting the next day's work.

b) To prevent crystals forming at -2°C, use fuel which is rated for the ambient temperature or add an appropriate antifreeze to the fuel. See "Fluids and lubricants" in section 7.

ENGINE OIL

It should be of the right viscosity for the ambient temperature. See "Fluids and lubricants" in section 7.

HYDRAULIC FLUID

The viscosity must correspond to the ambient temperature conditions. See "Fluids and lubricants" in section 7.

COOLANT SOLUTION

It must have specifications corresponding to the ambient temperature. See "Fluids and lubricants" in section 7.

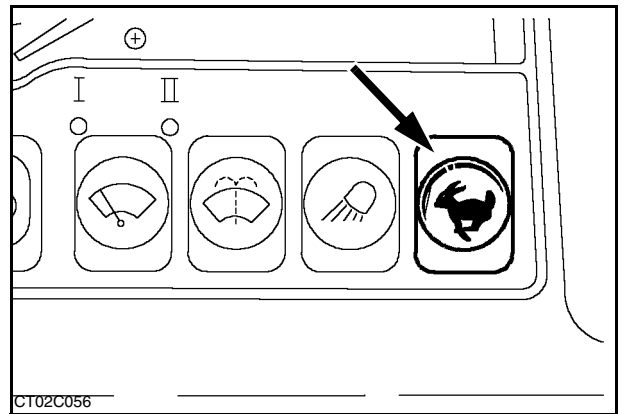
OPERATING THE MACHINE IN HOT WEATHER

Follow the recommendations made below:

1. Keep the coolant at the correct level in the coolant reservoir and in the radiator.
2. Use the correct solution of ethylene glycol and water in the cooling system.
3. Test the radiator cap before hot weather starts. Replace the cap as required.
4. Clean all dirt and debris from the radiator, cooler and engine area.
5. Check the condition of the fan drive belt.
6. Check the dust valve in the air cleaner frequently during extreme dust conditions.
7. Use lubricants of the correct viscosity. See "Fluids and lubricants" in section 7.

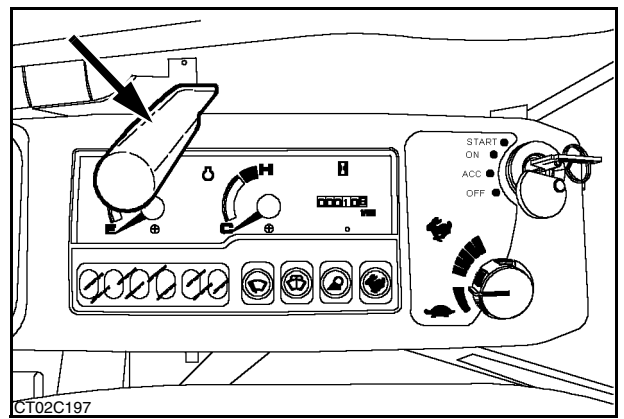
SECTION 5 - OPERATING INSTRUCTIONS

3. Make sure that the high speed travel switch is inactive.



29

4. Raise the dozer blade (if equipped).



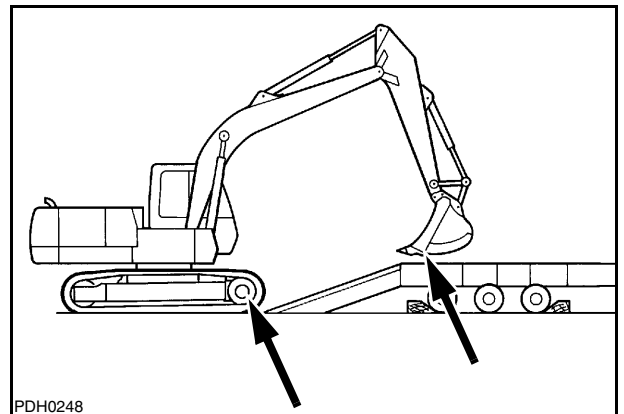
30

5. (Machine with attachment)

Place the machine in line with the trailer, with the travel reduction gears towards the access ramps. Raise the attachment and bring it to about twenty centimetres above the bed of the trailer.

IMPORTANT: In this position, the travel and steering controls are reversed.

NOTE: If the machine is equipped with a dozer blade, it is preferable to load the machine with the dozer blade facing the trailer to prevent interference with the attachment.

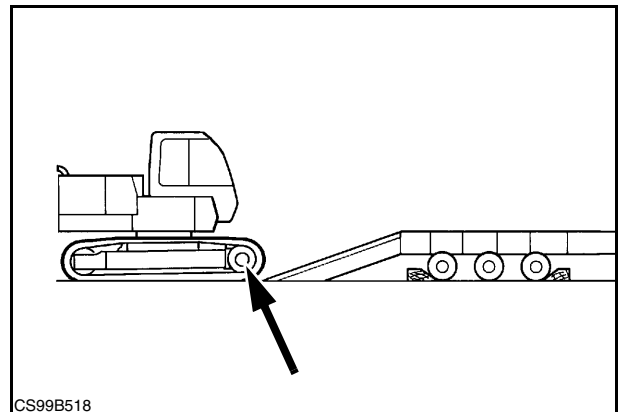


31

5. (Machine without attachment)

Place the machine in line with the trailer, with the travel reduction gears towards the access ramps.

IMPORTANT: In this position, the travel and steering controls are reversed.



32

LOAD HANDLING



Whenever load handling operations are to be carried out, it is imperative to adhere strictly to the instructions given in this manual and local legislation.

When lifting a load (tubes, concrete pipe connections, shoring material, etc.) the machine must be equipped with safety valves, an overload indicator, a load fixing point and a load handling chart corresponding to the type of machine and to its attachment. See "Load handling limits charts".

IMPORTANT: *No system or device may be substituted for CASE safety valves when load handling.*

When handling loads, be sure to do the following:

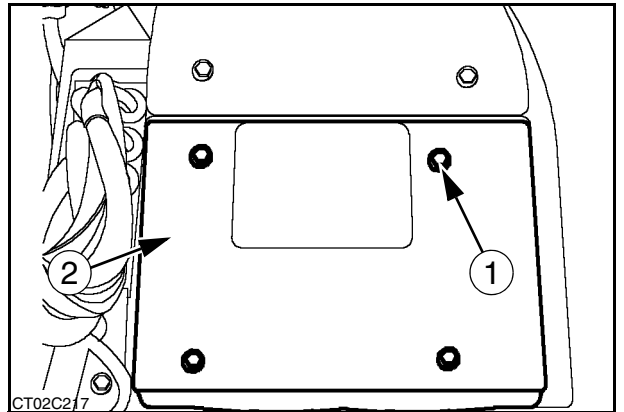
- Park the machine on a flat, firm, level surface.
- Fix the load to the load fixing point (load handling eye) located on the quick coupler (optional) (see "Load handling eyes" in section 4) or on the bucket control rod, see "Load handling limits charts". It is forbidden to weld hooks or lugs on the bottom plate of buckets.
- Use slings and chains which are in perfect condition, suitable for lifting the load to be handled and fitted with safety type hooks that will not accidentally open.
- Check that the safety valves function correctly. The pressure setting must be checked every 6 months, in conformance with prevailing regulations and/or the maker's instructions. Consult your CASE Dealer.
- Make sure the load handling chart is in the dust jacket specially provided and that it corresponds to the machine version and the attachment mounted. See "Load handling limits charts".
- Place the overload indicator switch on the left-hand control arm in "ON" (running) position. This is mandatory. See "LH control arm" in section 4.
- Do not exceed the limits shown on the load handling chart. To obtain a load handling chart, consult your CASE Dealer, giving full particulars of the machine model number, the weight of the counterweight, plus the length and type of boom and dipper.
- Do not allow anyone within the machine's operating radius.
- Operate the controls smoothly to ensure precise movement of the attachment and the machine.
- Stabilize the load a few centimetres above the ground to make sure it is perfectly balanced before trying to move it.
- All movements must be sure and smooth. Moving quickly does not mean moving roughly.
- When travelling with a load, make sure you do the following:
 - Place the upperstructure in line with the undercarriage.
 - Bring the load as close as possible to the undercarriage and the ground.
 - Be sure all travel is undertaken in low speed only.

NOTE: *Load handling on CASE machines is in conformity with standard EN 474-1 and standard EN 474-5 relative to directive 98/37/EC.*

SECTION 5 - OPERATING INSTRUCTIONS

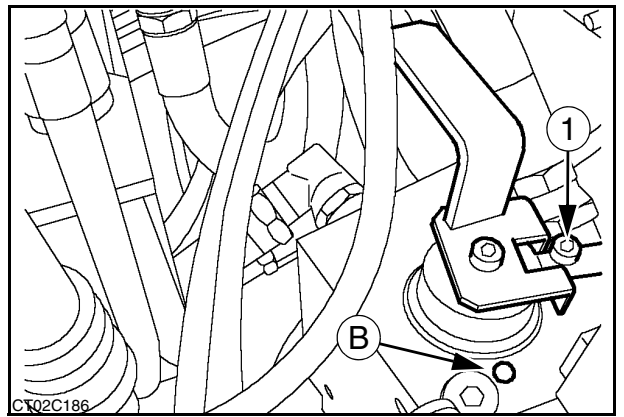
(CX135SR)

3. Remove the 4 screws (1) then the plate (2).



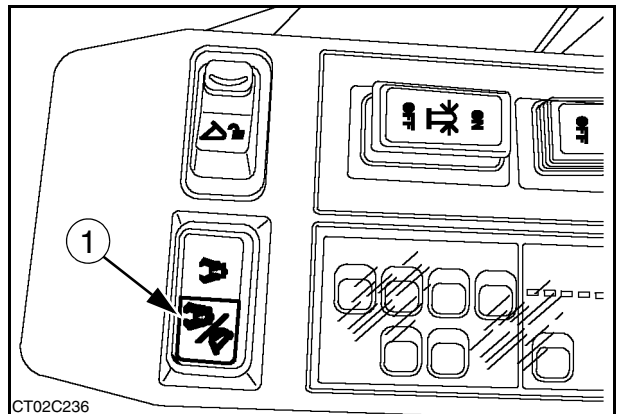
72

4. Remove the screw (1) then bring the flow selector valve to position (B), reinstall the screw (1) in position (B).



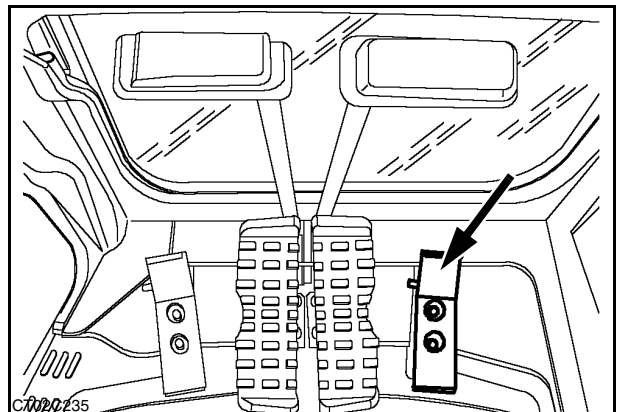
73

5. Make sure that the switch (1) located on the LH control arm is in the desired position.



74

6. Operate the option pedal. See "Optional pedal" in section 4.



75

SECTION 6 - SERVICING INTERVALS

- (R) Have this checked by a specialist every 6 months.
 - (S) Check for leaks.
 - (T) If the linkage points (boom bottom pin and boom/dipper linkage) are not fitted with genuine parts, these points must be lubricated every 50 hours.
 - (U) If biodegradable fluid is used, it is imperative for the servicing interval to be reduced to 1000 hours.
 - (V) Have this checked every 6 months by your CASE Dealer.
- (* **IMPORTANT: (CX75SR)** If the machine is equipped with a hydraulic breaker, it is imperative that the servicing intervals are reduced, see "Replacing the hydraulic filters and fluid when a hydraulic breaker is used" in section 7.*

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

FUEL

The fuel used must comply with the Tier 3 emission control regulations.

Use grade No. 2-D fuel. The use of other types of fuel can result in a loss of power of the engine and may cause high fuel consumption.

In cold weather (below -7°C), it is provisionally approved to use a mixture of fuels No. 1-D and No. 2-D. Consult your fuel supplier or your CASE Dealer.

If the temperature falls below the fuel cloud point (point at which wax begins to form) the wax crystals will cause power loss or will prevent the engine from starting.

Conditions applicable to diesel fuel

The diesel fuel used must:

- be free from dust particles, even minute ones.
- have the proper viscosity.
- have a high cetane number.
- present great fluidity at low temperatures.
- have low sulphur content.
- have very little residual carbon.

Recommendations applicable to diesel fuel

- JIS (Japanese Industrial Standard): No. 2
- DIN (Deutsche Industrie Normen): DIN 51601
- SAE (Society of Automotive Engineers) according to SAE-J-313C: No. 2-D
- BS (British Standard) according to BS/2869-1970: Class A-1
- EN 590
- or fuel corresponding to these standards and stipulated in your country.

IMPORTANT: *If you use fuel which has a sulphur content of more than 2500 ppm, use API grade CF-4 or JASO grade DH-1 engine oil. However, if these specifications cannot be met, it is imperative that the engine servicing intervals are reduced to 250 hours (oil change, filters etc.). Every 3000 hours, the injectors and EGR (Exhaust Gas Recirculation) circuit parts must be checked and replaced by your CASE Dealer.*

IMPORTANT: *Use of any other fuel can cause serious breakdown and will cancel the guarantee.*

Using fuels other than those recommended can damage the fuel injection pump, the injector and other parts of the fuel supply system and the engine. **The CASE company disowns any responsibility concerning this kind of damage, which is not covered by the guarantee.** To avoid any damage to the engine fuel supply system, you are recommended to take the following safety messages into account:

- Certain fuel suppliers mix used engine oil with diesel fuel.

Certain manufacturers of large engines allow them to do this. However, for your engine, do not use diesel fuel contaminated by engine oil. In addition to damaging the engine, this fuel can actually adversely affect the correct purification of exhaust gases. Before using diesel fuel, ask the supplier to confirm that it meets the above specifications.

IMPORTANT: *For a proper use of fuel additives consult your supplier or your CASE Dealer. Do not inject fuel oil or gasoline, both fuels can damage the engine.*

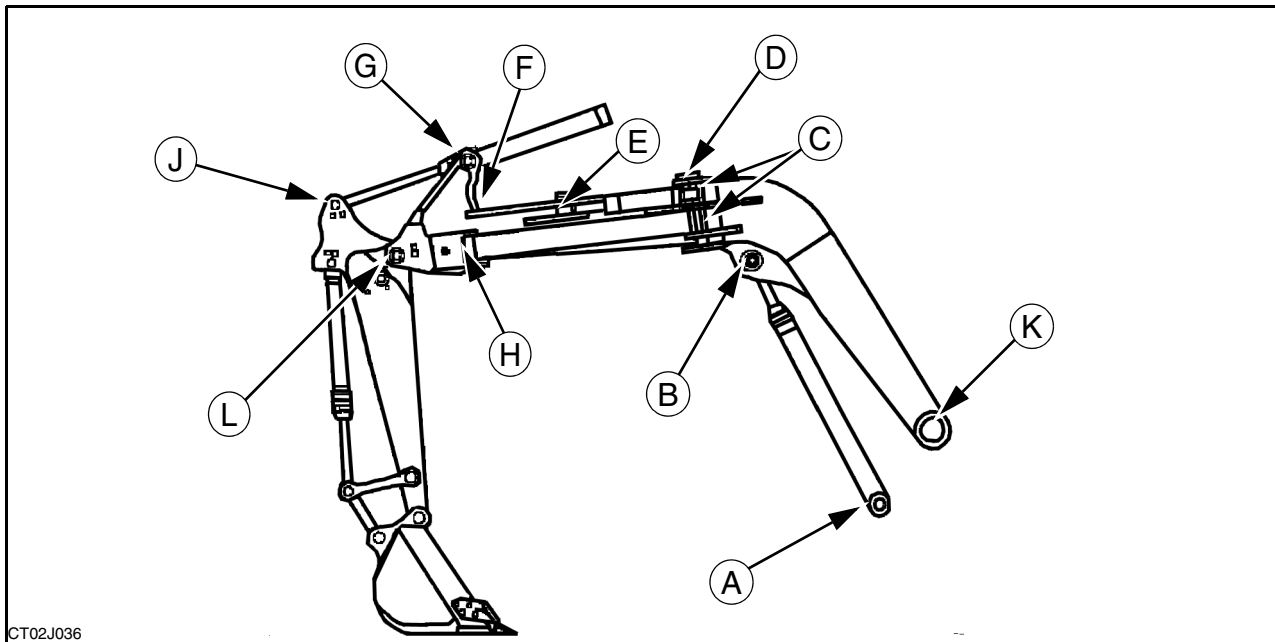
IMPORTANT: *In cold weather, fill the fuel tank at the end of the day's work, in order to prevent the formation of condensation.*

Fuel storage

Long storage can lead to the accumulation of impurities and condensation in the fuel. Engine trouble can often be traced to the presence of water in the fuel.

The storage tank must be placed outside and the temperature of the fuel should be kept as low as possible. Drain off water and impurities regularly.

**BACKHOE-OFFSET BOOM/DIPPER
(CX75SR)**



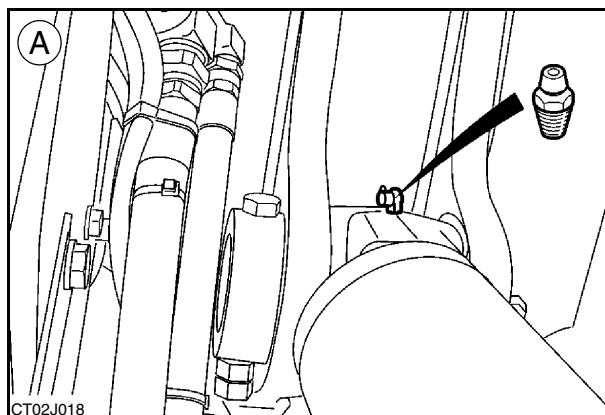
CT02J036

19

NOTE: For the lubrication of the bucket linkage, see "Backhoe dipper/bucket".

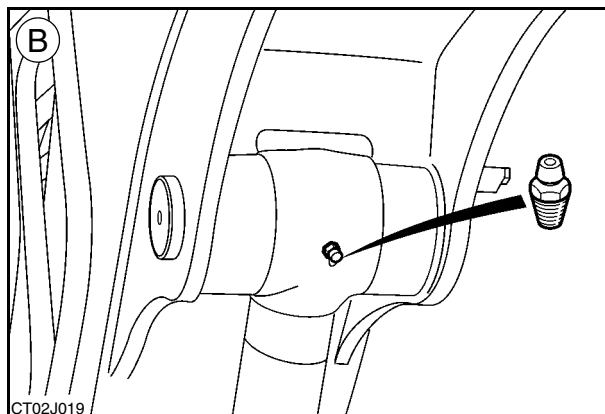
Every 250 hours

Boom cylinder bottom pin..... (1)



20

Boom cylinder top pin..... (1)



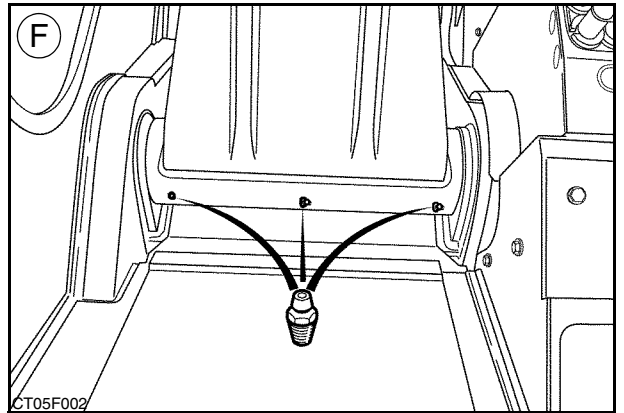
21

SECTION 7 - LUBRICATION/FILTERS/FLUIDS

IMPORTANT: If the following linkage points are not equipped with genuine parts, these points must be lubricated every 50 hours.

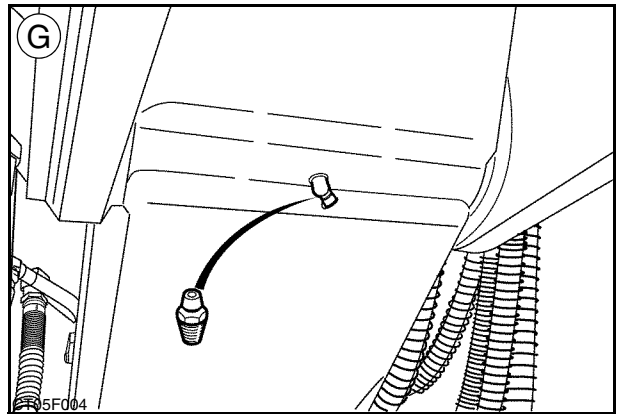
Every 1000 hours

Boom bottom pin..... (3)



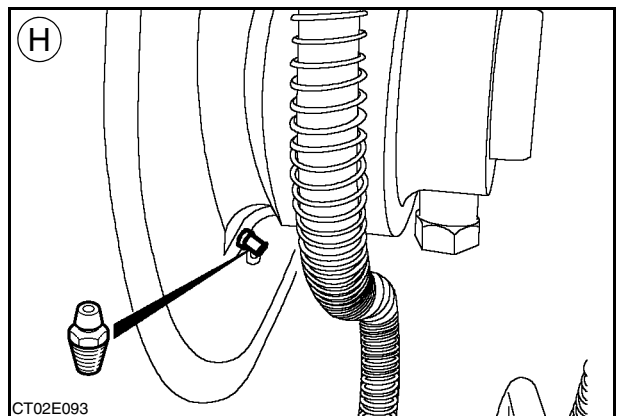
49

Pre-boom/boom linkage (1)



50

Boom/dipper linkage..... (2)

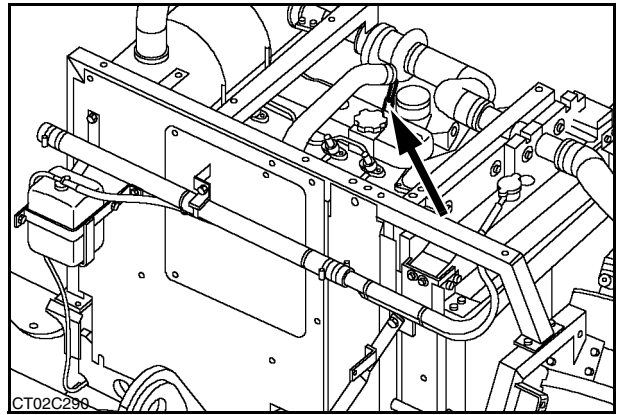


51

SECTION 7 - LUBRICATION/FILTERS/FLUIDS

(CX135SR)

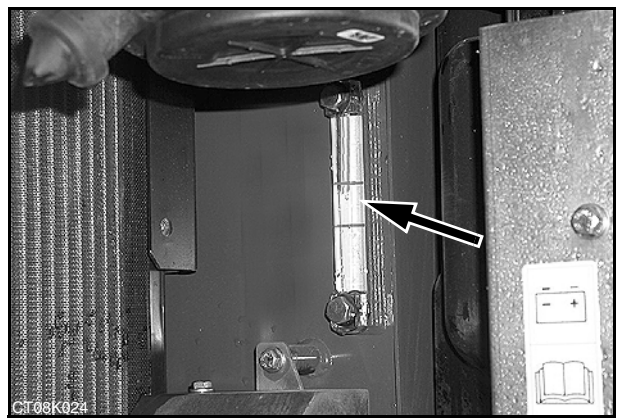
Engine oil (1)



74

(CX75SR, CX75SR-LR, CX80)

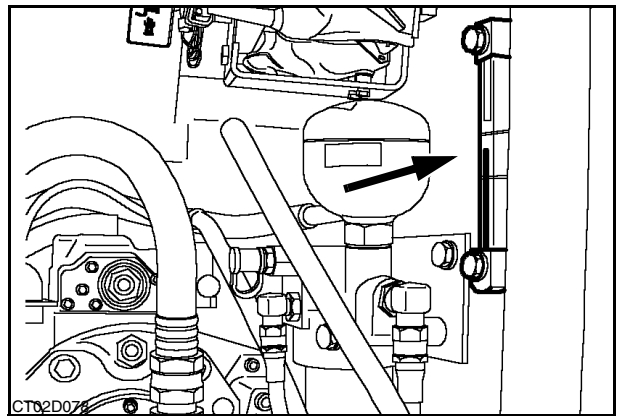
Hydraulic reservoir (1)



75

(CX135SR)

Hydraulic reservoir (1)

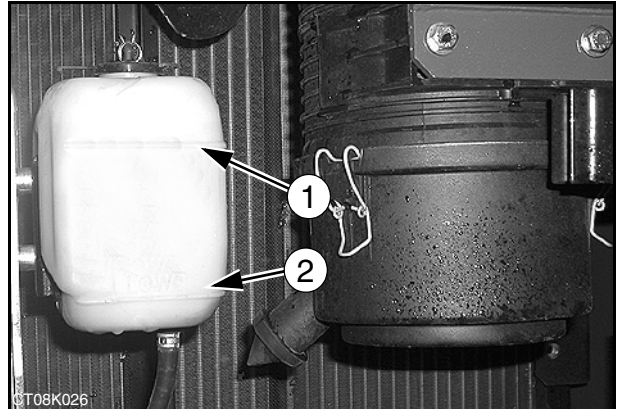


76

LEVEL

The level of coolant solution should be checked when the engine is cold.

On flat, level ground, before using the machine (while the engine is still cold), the level in the expansion reservoir should be between the "Full" (1) and "Low" (2) marks. If not, see "Filling".



96

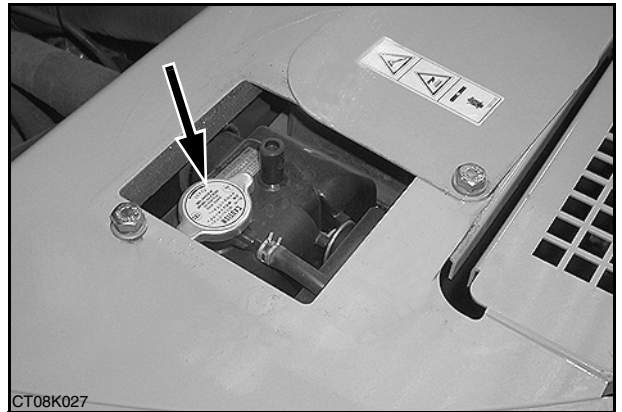
DRAINING

1. Open the upper panel and remove the radiator cap.



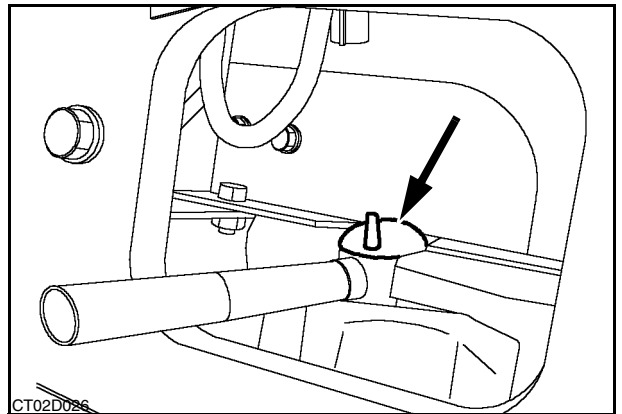
WARNING

Do not remove the radiator cap when the engine is hot. The system is still under pressure and you could be scalded.



97

2. Remove the panel located under the upperstructure and open the radiator drain valve.



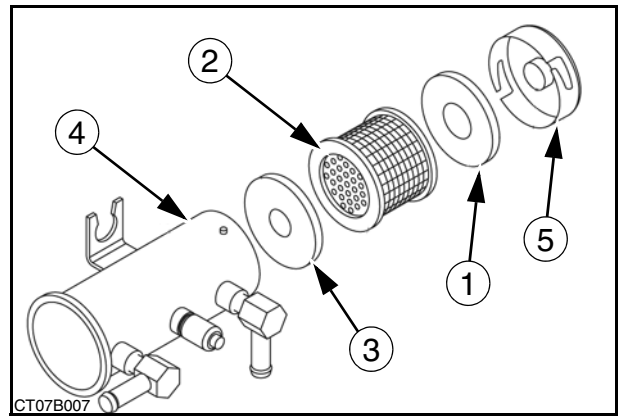
98

SECTION 7 - LUBRICATION/FILTERS/FLUIDS

2. Open the pump body and extract the filter (2) and the seals (1) and (3).

IMPORTANT: Always protect your face before using compressed air.

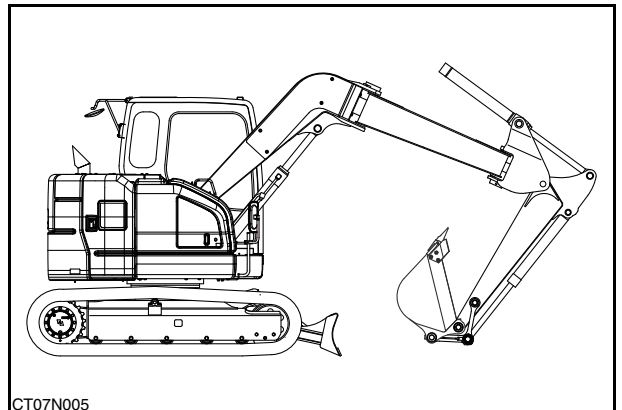
3. Clean the filter with compressed air. Check the filter and replace it if necessary. Replace the seals with new seals.
4. Carefully clean the body (4) and the cover (5). No dirt must remain in the supply pump.
5. Re-assemble, taking care to install the seals in the correct order then re-install the pump.



114

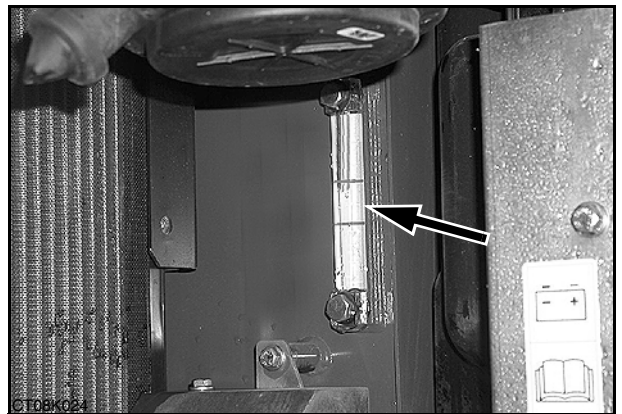
LEVEL IN THE RESERVOIR

1. Place the machine on flat, level ground and place the attachment in the position shown. Lower the dozer blade. Stop the engine and remove the starter switch key.



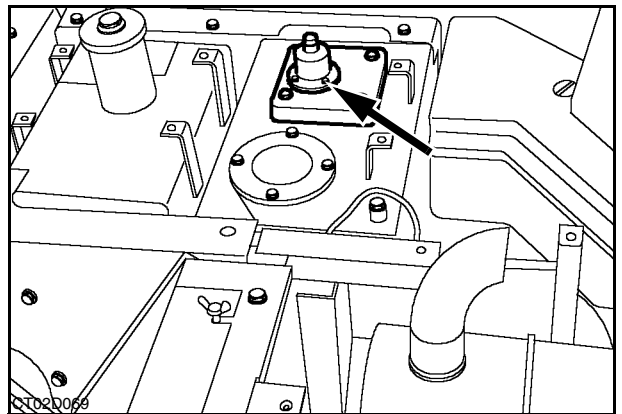
132

2. Using the starter switch key, open the RH side door.
3. The oil must be located in the middle of the indicator. Top up if necessary. See "Filling the reservoir".



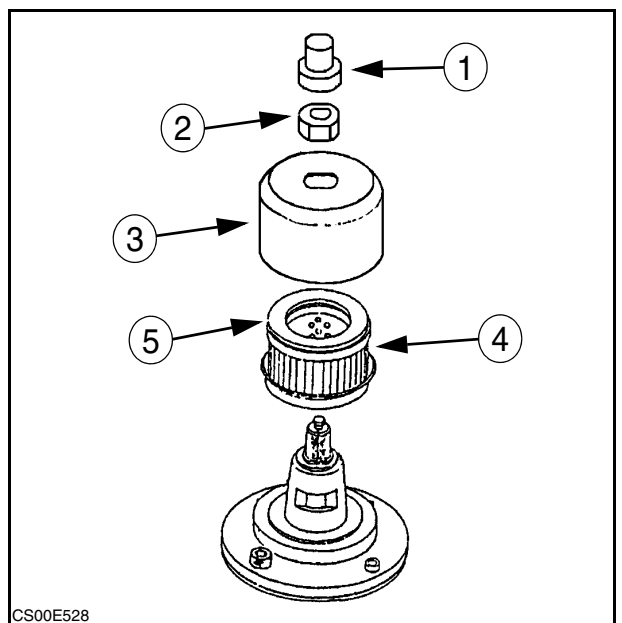
133

**REPLACING THE RESERVOIR BREATHER
FILTER ELEMENT**



151

1. Press the button (1) to release all pressure in the hydraulic reservoir.
2. Remove the nut (2) and the cover (3) from the breather.
3. Remove and discard the used filter element (4).
4. Install a new element (4), making sure the seal (5) is facing upwards.
5. Install the cover (3) as well as the nut (2).



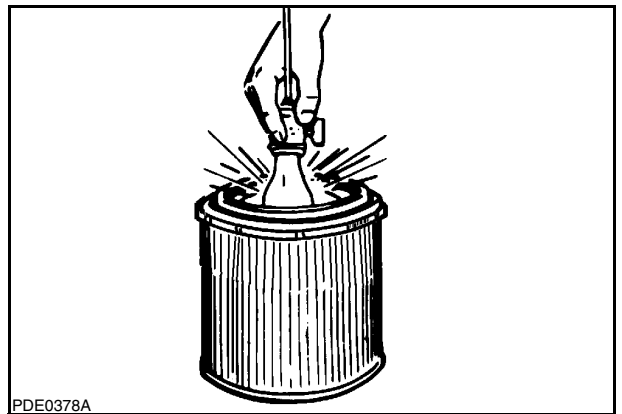
CS00E528

152

INSPECTING THE ELEMENT

Check the element for damage by placing an inspection lamp inside the element.

IMPORTANT: Change the element if light can be seen through a hole, however small.

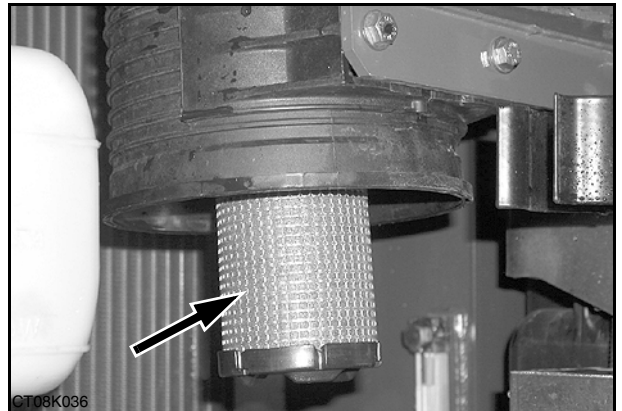


PDE0378A

171

INSTALLING THE ELEMENTS

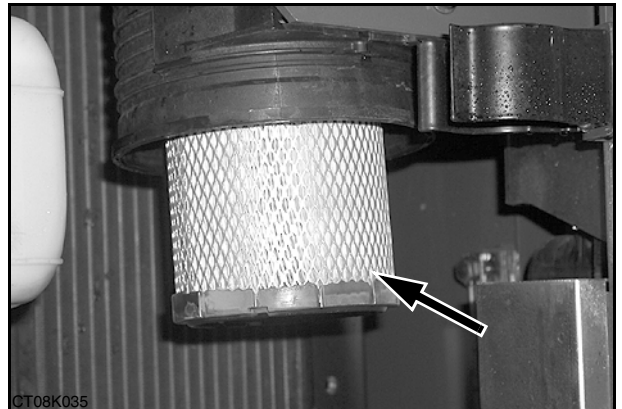
1. Install the secondary element.



CT08K036

172

2. Install the primary element.



CT08K035

173

SECTION 8 - MAINTENANCE/ADJUSTMENTS

TRACK TENSION VALUE

The value must be between:

Machines	CX75SR, CX75SR-LR, CX80	CX135SR
Steel tracks	180 - 205 mm	240 - 260 mm
Rubber tracks	160 - 185 mm	220 - 240 mm

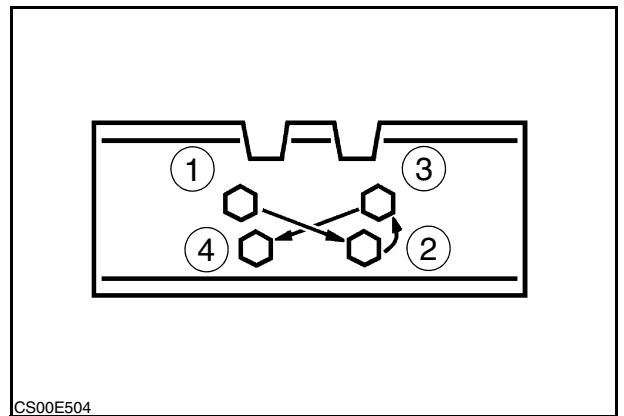
TIGHTENING TORQUE OF THE TRACK PAD SCREWS

IMPORTANT: Regularly check the tightening of the screws. Do not use the machine with the track pad screws loose, the screws may come off and damage the track.

The tightening torque of the screws should be between:

- CX75SR, CX75SR-LR, CX80 = 245 Nm \pm 25.
- CX135SR = 267 to 312 Nm.

IMPORTANT: Follow the prescribed order.



TOOTH TIP WEAR LIMITS ON THE BACKHOE BUCKET

The degree to which a tooth tip can be worn can be assessed visually.

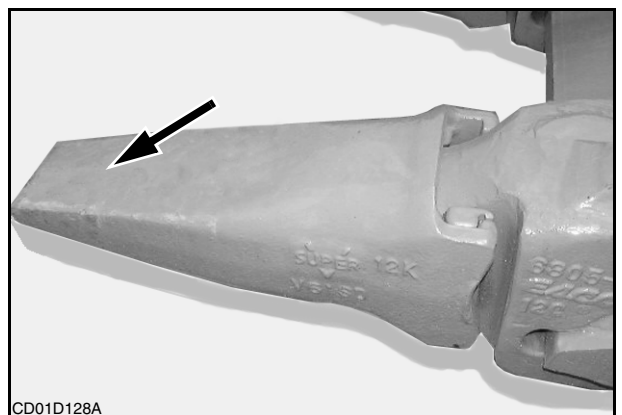
It is possible to extend the life of a tooth tip which is wearing unevenly, in a non-symmetrical fashion.

Interchange and turn over the tooth tips regularly (only if symmetrical).

NOTE: Do not wait for tooth tips to be completely worn through before changing them.

IMPORTANT: Never try to work with a missing tooth tip or a tooth tip which is worn through. The adaptor could be seriously damaged.

"ESCO" type



CD01D128A

31

"SMARTFIT" type

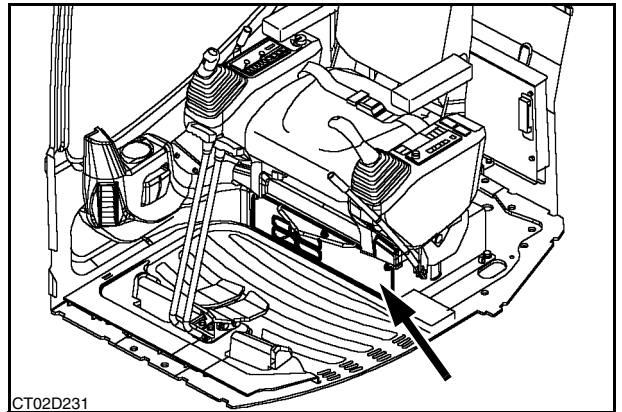


CT10C002

32

SECTION 8 - MAINTENANCE/ADJUSTMENTS

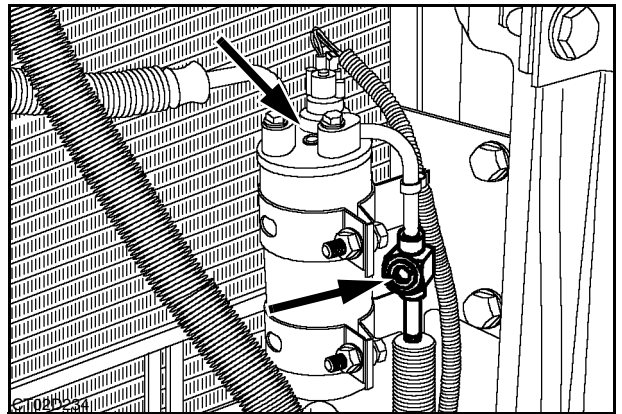
4. Install the plate and the screws.



48

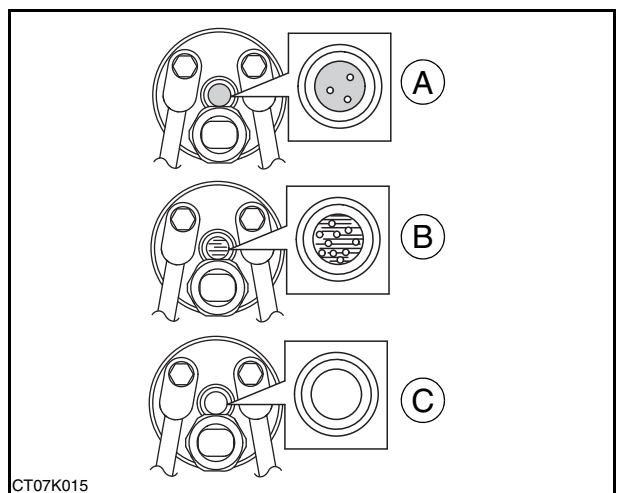
CHECKING THE CHARGE STATE OF THE SYSTEM

1. Turn on the air conditioning system, increase engine speed slightly (1400 to 1600 rpm) and look for bubbles through the sight glass.



49

2. This check should be made approximately one minute after turning on the air conditioning.
(A) Very few bubbles observed, then transparent at first, then whitish: "Normal".
(B) The bubbles are numerous: check the unions and consult your CASE Dealer.
(C) No bubbles are visible: check the unions and consult your CASE Dealer.



50

SECTION 9 - ELECTRICAL SYSTEM

ACCESS TO THE BATTERIES

To access the batteries:

(CX75SR, CX75SR-LR, CX80)

Open the RH side door.

(CX135SR)

Open the LH side door.

CHECKING THE CHARGE STATE OF MAINTENANCE-FREE BATTERIES

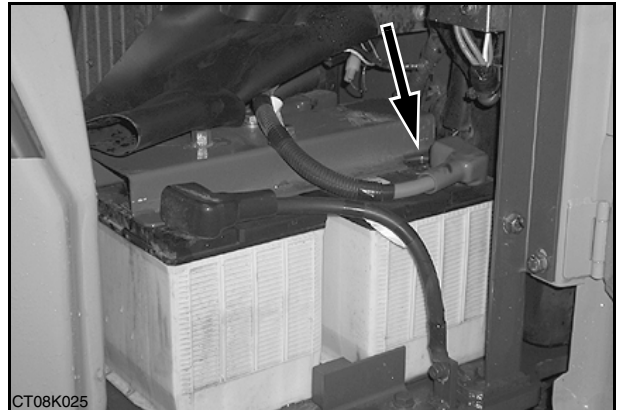
The charge indicator on the batteries shows the state of charge of the batteries.

If the colour is:

Green; the charge is correct.

Black; insufficient charge. Recharge the batteries until the indicator turns green.

Transparent (colourless); replace the batteries as soon as possible.



5

CHECKING THE ELECTROLYTE LEVEL OF MAINTENANCE-TYPE BATTERIES

Remove the cell caps and check the level in each battery cell. The level should be between 10 and 15 mm above the plates. Add distilled water if necessary, then install the cell caps.

IMPORTANT: When adding distilled water at temperatures below 0°C, the batteries must be charged or the engine run for two hours approximately in order to ensure that the distilled water and the electrolyte are properly mixed.

NOTE: Make sure the battery terminals are clean and coated with grease and that the cables are properly tightened.



6

SECTION 11

SPECIFICATIONS

ENGINE

(CX75SR, CX75SR-LR, CX80)

Latest "common rail" engine, in conformity with the European requirements applicable to low fumes emission, in accordance with the directive 97/68/EC.

Make and type	ISUZU AU-4LE2X
Common rail, turbo, intermediate cooler, fuel cooler.....	yes
Injection.....	electronically controlled
Number of cylinders.....	4
Bore/stroke.....	85 mm x 96 mm
Displacement.....	2,179 cm ³
Cooling.....	by water
Battery starting	2 12 V batteries, 64 A/h

WORKING CONDITIONS

Speed.....	2000 rpm
EEC 80/1269 power	40 kW/54 hp
Engine oil capacity	10.3 l
Fuel tank capacity	100 l
Fuel filler pump	optional
Engine/pump assembly mounted on flexible mountings.	
Filtration in dusty conditions.	
Electronically controlled governor.	

(CX135SR)

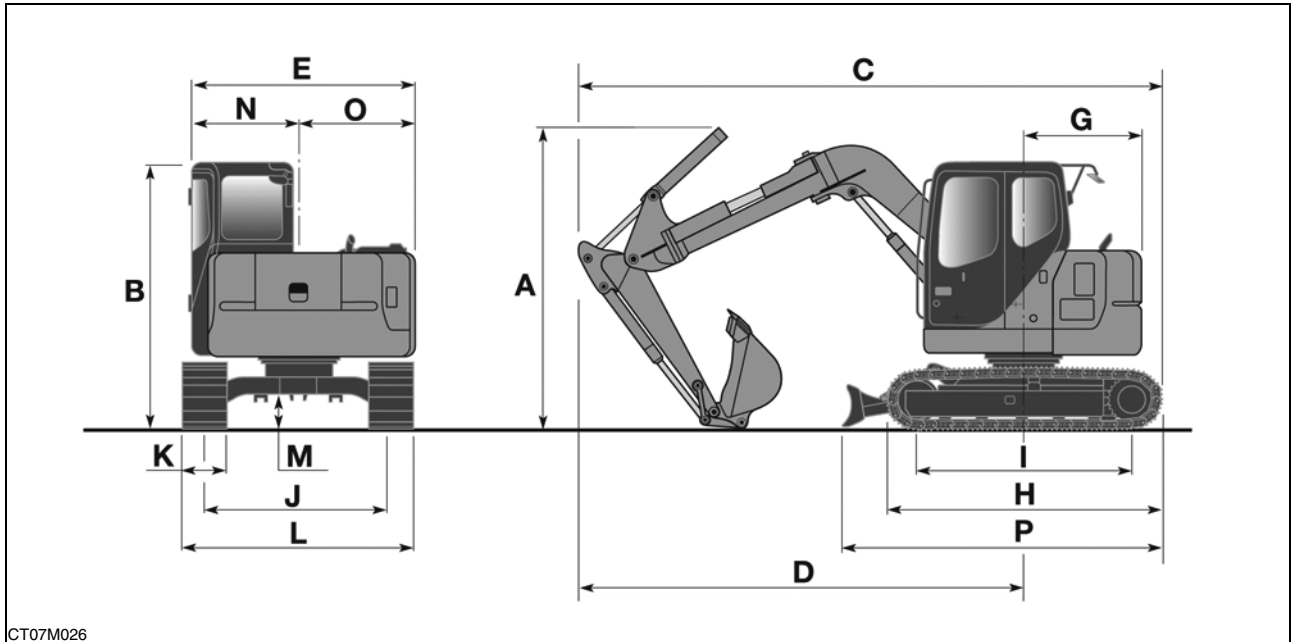
Latest "common rail" engine, in conformity with the European requirements applicable to low fumes emission, in accordance with the directive 97/69/EC 3A.

Make and type	ISUZU AJ-4JJ1X
Common rail, turbo, intermediate cooler, fuel cooler.....	yes
Injection.....	electronically controlled
Number of cylinders.....	4
Bore/stroke.....	95.4 mm x 104.9 mm
Displacement.....	2,999 cm ³
Cooling.....	by water
Battery starting	2 12 V batteries, 72 A/h

WORKING CONDITIONS

Speed.....	2000 rpm
EEC 80/1269 power	70.9 kW/96 hp
Engine oil capacity	17.2 l
Fuel tank capacity	165 l
Fuel filler pump	optional
Engine/pump assembly mounted on flexible mountings.	
Filtration in dusty conditions.	
Electronically controlled governor.	

OFFSET BOOM



CT07M026

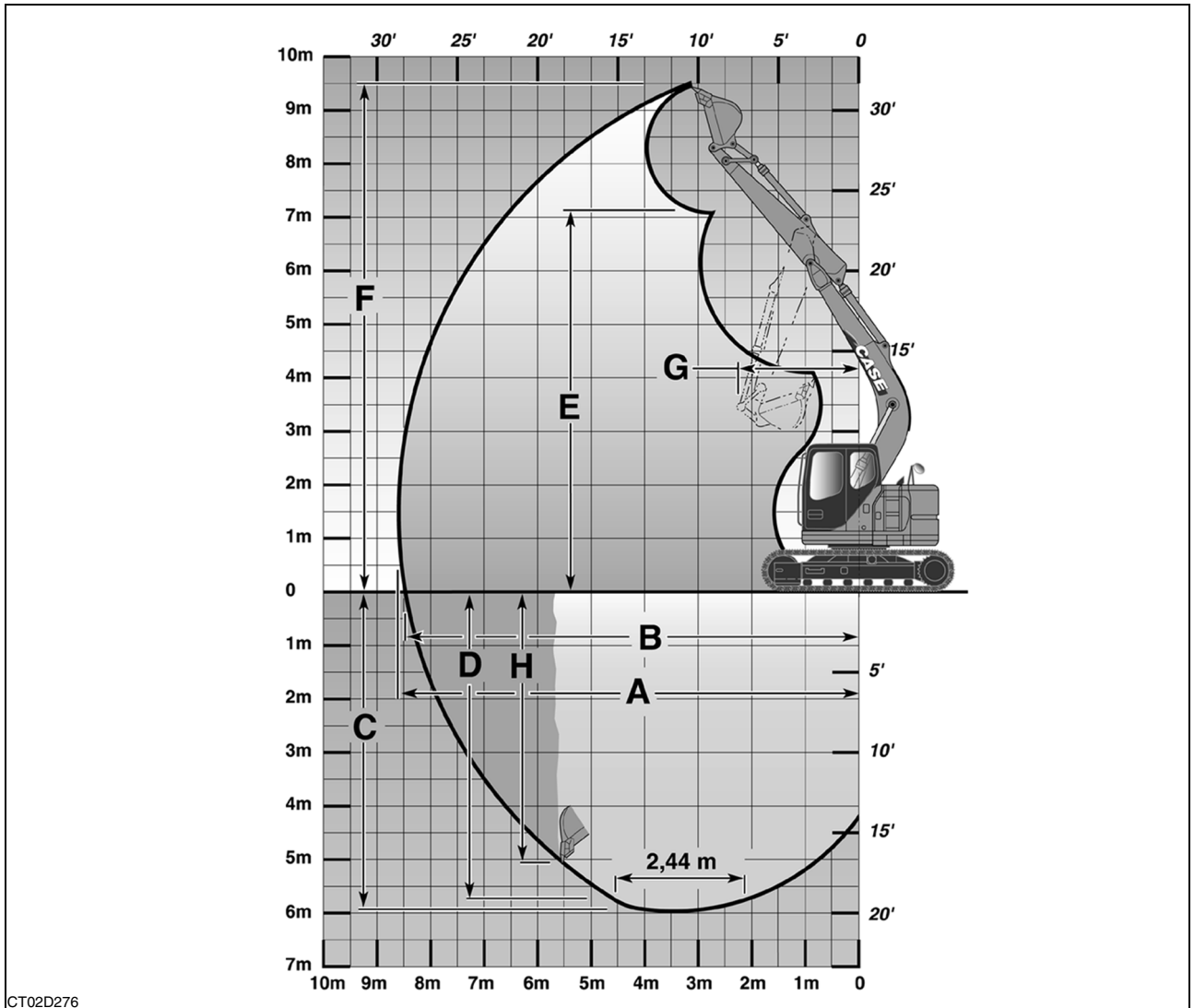
2

Dipper	1.75 m
(A).....	2.97 m
(B).....	2.70 m
(C).....	5.97 m
(D).....	4.55 m
(E).....	2.23 m
(G).....	1.21 m
(H).....	2.85 m
(I).....	2.21 m
(J).....	1.87 m
(K).....	0.45 m
(L).....	2.32 m
(M).....	0.36 m
(N).....	1.07 m
(O).....	1.16 m
(P).....	3.28 m

SECTION 11 - SPECIFICATIONS

WORKING RANGE (CX135SR)

MONOBLOC BOOM



CT02D276

Dippers	2.40 m	2.85 m
A (Maximum digging reach).....	8.20 m.....	8.55 m
B (Maximum digging reach at ground level)	8.05 m.....	8.45 m
C (Maximum digging depth)	5.45 m.....	5.90 m
D (Maximum digging depth over a length of 2.44 m).....	5.25 m.....	5.70 m
E (Maximum dump height)	6.90 m.....	7.10 m
F (Maximum working height)	9.30 m.....	9.50 m
G (Minimum attachment swing radius)	1.80 m.....	2.25 m
H (Maximum digging depth on a vertical wall).....	4.85 m.....	5.05 m

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL