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Link do produktu: <https://www.specdiag.pl/instrukcje-napraw-yanmar-b25v-service-manual-p-1309.html>



Instrukcje napraw - Yanmar B25V - service manual

Cena

200,00 zł

Opis produktu

Yanmar B25V instrukcje napraw

Yanmar B25 V

Format PDF, 402 strony.

YANMAR ***SERVICE MANUAL***

EXCAVATOR

MODEL B25V

Yanmar Mini-Excavators... x

2. TECHNICAL DATA

2-1 Specifications

Item		Unit	SDV		
Main specifications of machine					
Dimensions					
Overall length (Transportation position)		mm	4265		
Cabin	Overall height	Transportation position	mm	2470	
		Traveling position	mm	2470	
Canopy	Overall width	Full machine width	mm	1400	
		Transportation position	mm	2340	
	Overall height	Transportation position	mm	2340	
		Traveling position	mm	2340	
	Overall width	Full machine width	mm	1380	
		Transportation position	mm	1020	
Track length		mm	1150		
Track gauge		mm	305		
Minimum ground clearance		mm	305		
Traveling performance					
Traveling speed	Steel track	Forward	km/hr	High 4.4/Low 2.5	
		Reverse	km/hr	High 4.4/Low 2.5	
	Rubber track	Forward	km/hr	High 4.0/Low 2.5	
		Reverse	km/hr	High 4.0/Low 2.5	
Gradeability		deg.	30		
Work performance					
Bucket	Width (standard)		mm	400	
	(JIS tapered capacity)		m ³	0.1	
Max. digging depth	No. of teeth/installation method		pcs.	3 (bolt)	
	with blade raising		mm	2600	
Max. vertical wall digging depth		with blade on ground	mm	1380	
Max. dumping height		Cabin	mm	2780	
		Canopy	mm	2780	
Min. front swing radius (Boom track)		Cabin	mm	950	
		Canopy	mm	950	
Min. front swing radius (90° right boom swing)		Cabin	mm	1400	
		Canopy	mm	1400	
Rear swing radius		mm	1300		
Boom swing angle (and bucket)	Cabin	Left	deg.	80	
		Right	deg.	80	
	Canopy	Left	deg.	80	
		Right	deg.	80	
Max. digging force (and bucket)		Bucket	kgf	2100	
		Arm	kgf	1000	
Max. tractive force (Steel/Rubber)			kgf	3900/3000	
Max. swing inclination (swivel, bucket)			deg.	30	
Swing speed		rpm	10		

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2. TECHNICAL DATA

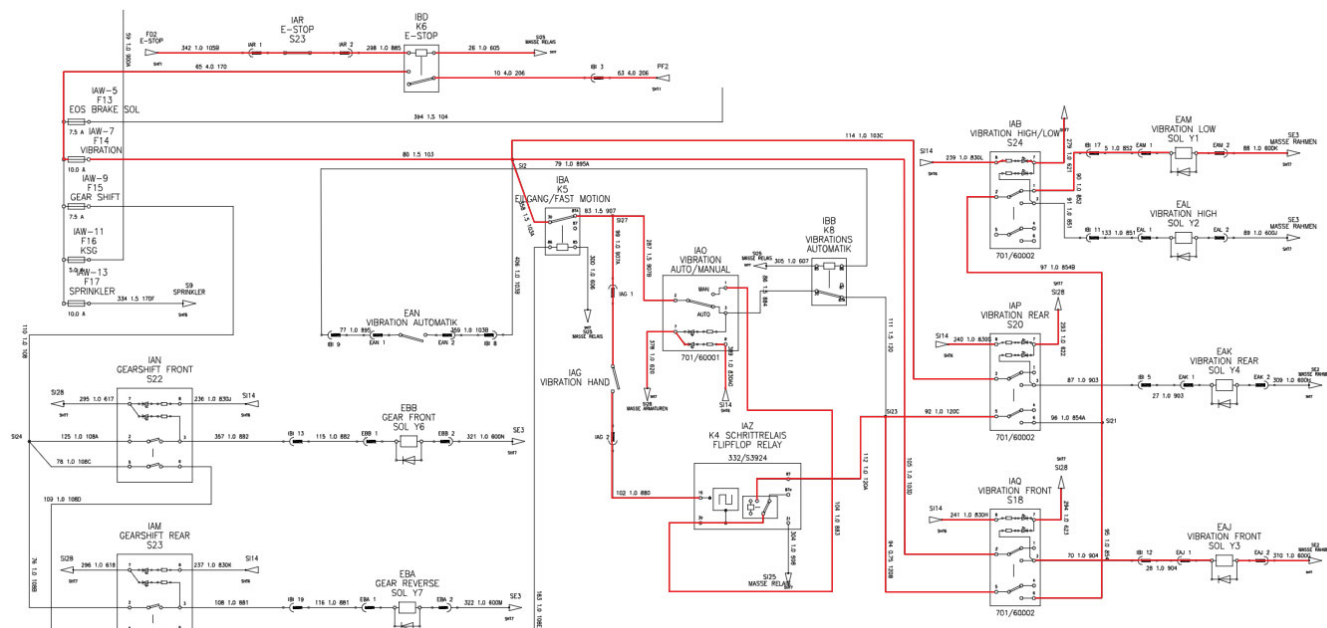
Item		Unit	SDV	
Blade	Width x Height		mm	1300 x 300
	Capacity		m ³	0.125
	Lift above ground		mm	300
	Digging depth		mm	305
Average ground pressure				
JIS	Steel track	Cabin	kgf/cm ²	0.28
		Canopy	kgf/cm ²	0.27
	Rubber track	Cabin	kgf/cm ²	0.27
		Canopy	kgf/cm ²	0.26
Weight				
Operating weight with operator (75 kg)	Steel track	Cabin	kgf	2870
		Canopy	kgf	2770
	Rubber track	Cabin	kgf	2690
		Canopy	kgf	2640
Base machine dry mass with operator	Steel track	Cabin	kgf	2240
		Canopy	kgf	2140
	Rubber track	Cabin	kgf	2100
		Canopy	kgf	2060
Hydraulic implement				
Hydraulic pump				
Driving method		Engine - Coupling - Pumps		
Type		Variable displacement piston pumps + gear pumps		
No. of pumps		Variable displacement piston pump + 2 Gear pumps + 2		
Theoretical discharge volume		cc/rev	16.8x3, 12.2x1, 6.5x1	
Max. allowable pressure		kgf/cm ²	180x3, 30x1	
Control valve				
No. of series		Series	3	
System relief valve pressure	Boom, Arm, Bucket, Boom swing, Travel		kgf/cm ²	180
	Swing, Blade		kgf/cm ²	180
	Boom (Rod side)		kgf/cm ²	210
	Boom (Bottom side)		kgf/cm ²	210
	Arm (Rod side)		kgf/cm ²	210
	Arm (Bottom side)		kgf/cm ²	210
	Bucket (Rod side)		kgf/cm ²	210
	Bucket (Bottom side)		kgf/cm ²	210
	Boom swing (Rod side)		kgf/cm ²	210
	Boom swing (Bottom side)		kgf/cm ²	210
	Blade (Rod side)		kgf/cm ²	180
	Blade (Bottom side)		kgf/cm ²	180

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Poniższe zdjęcia są przykładowe, pochodzą z instrukcji napraw do przypadkowych maszyn.

Po zakupie klient otrzymuje dokumentację do właściwego, wybranego modelu maszyny (zgodnego z modelem podanym w opisie przedmiotu).



held in suspension will then be drained with the oil.

- 1 Get access to the engine. Refer to **Access Panels, Engine Cover**.
- 2 Place a container of suitable size beneath the sump drain plug **C**.

CAUTION

Oil will gush from the hole when the drain plug is removed. Hot oil and engine components can burn you. Keep to one side when you remove the plug.

13-3-1-15

- 3 Drain the engine oil.
 - a Machine with a sump plug, remove the sump drain plug **C** and its 'O' ring **D**. Let the oil drain out, then clean and refit the drain plug with a new 'O' ring. Torque the drain plug to 40-60Nm (30-44lbf ft).
 - b Machines with a drain valve, remove the dust cap **K** from the sump drain port. Attach drain tube **L**. With the free end of the tube in an oil container, screw in the drain tube assembly to open the valve.

When all the oil has drained, unscrew the drain tube assembly and fit the dust cap **K**.

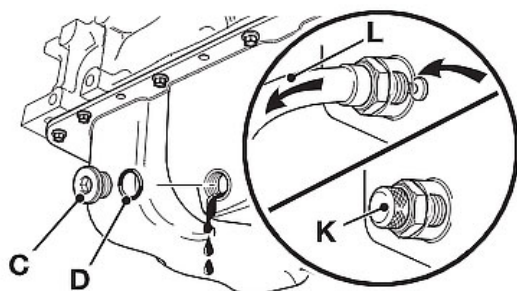
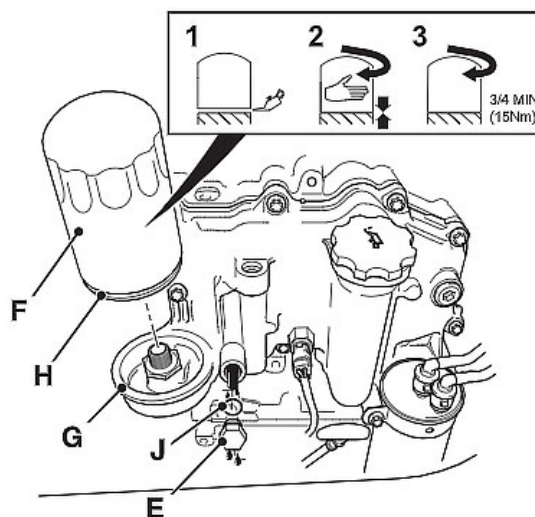


Fig 28.

C012110-1

drain plug to 40-60Nm (30-44lbf ft).

- 6 Unscrew the filter canister **F**, use a chain wrench if necessary.
- 7 Clean the seal face of the filter head **G**.
- 8 Smear the seal **H** on the new filter canister **F** with clean engine oil.
- 9 Screw the filter on until it just contacts the filter head.
- 10 Turn the filter at least a further 3/4 of a turn.
- 11 Through the top filler point, fill the engine with the recommended oil to the MAX mark on the dipstick. Refer to **Checking the Oil Level**. Wipe off any spilt oil, refit the filler cap and make sure it is secure.
- 12 Operate the engine until the oil pressure low warning light has extinguished. Check for oil leakage. When the oil has cooled, check the oil level again, and if necessary top up with clean engine oil.



Fia 29.

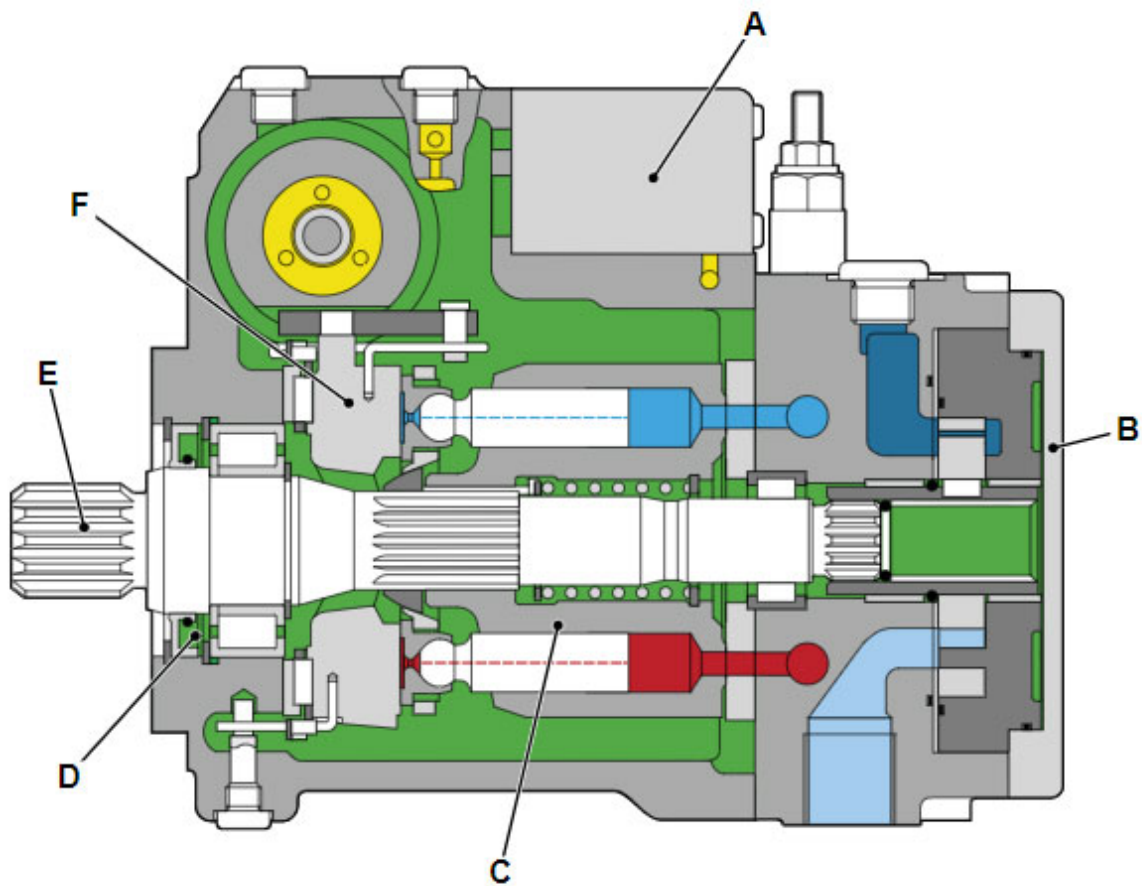
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Hydraulic Pump

Description

The pump is a variable displacement, axial piston pump with swashplate design. The flow is proportional to the

input drive speed and displacement. By adjusting the swashplate, it is possible to infinitely vary the flow.



Replacement

Replacement is the opposite of the removal procedure.

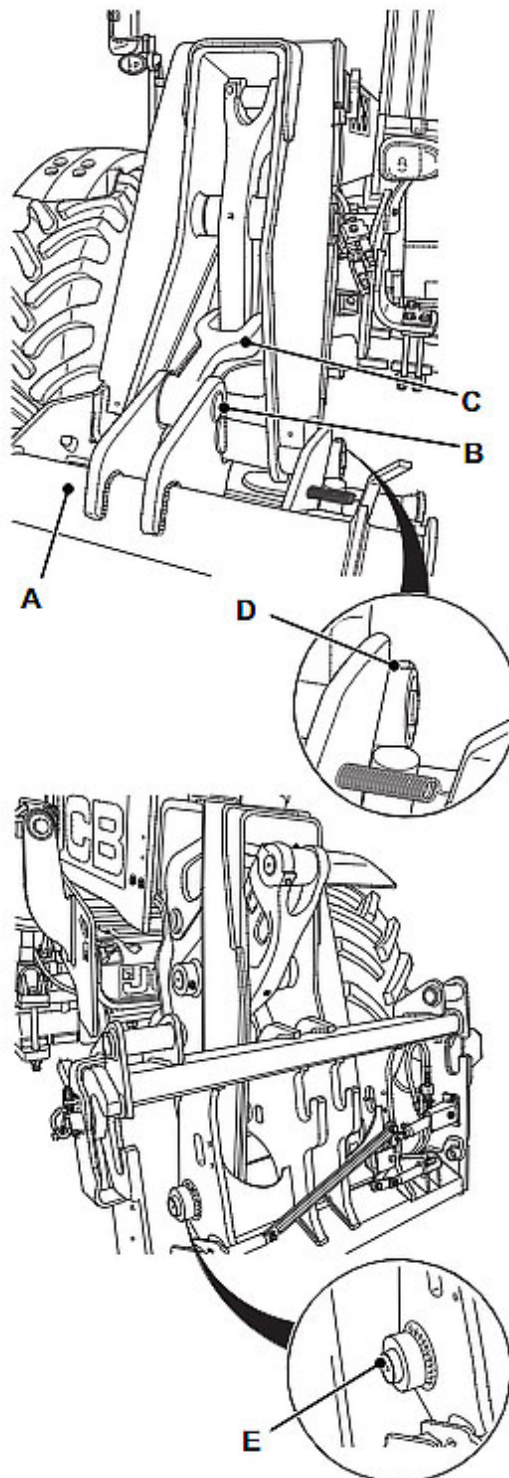
2 Stage Booms (P2)

Removal

- 1 Position the boom so that the fork carriage A can be safely supported when it is disconnected from the boom assembly.
- 2 Park the machine and make it safe. Vent the hydraulic pressure. Obey the care and safety procedures.
⇒ [Related Topics](#) (□ B-5)
- 3 Support the fork carriage A.
- 4 Remove the securing bolt and remove the pivot pin B from the tipping link C.
- 5 Remove the securing bolt D and remove the pivot pin E.
- 6 Remove the fork carriage A.

Replacement

Replacement is the opposite of the removal procedure.



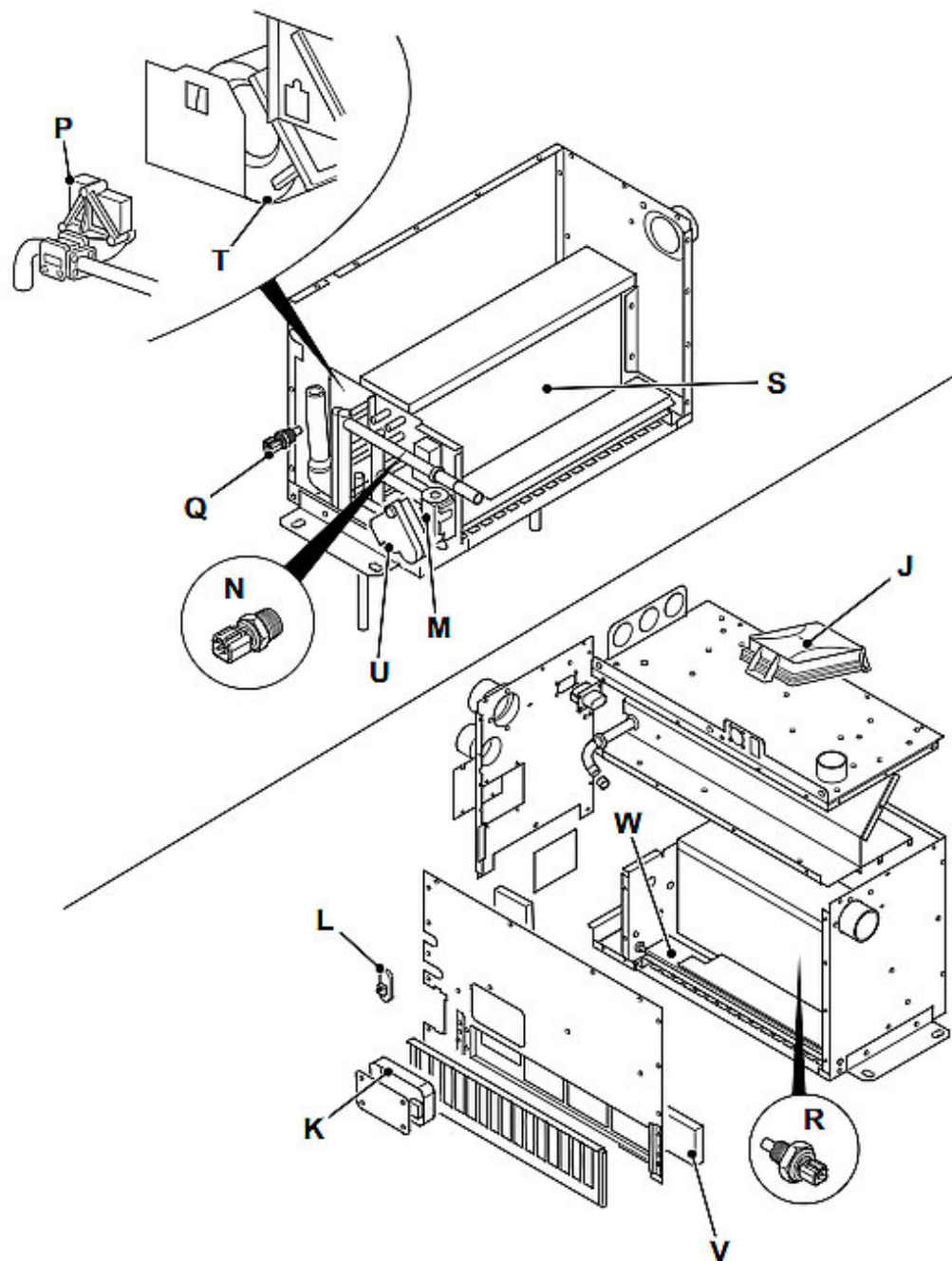


Fig 2. ATC HVAC unit components

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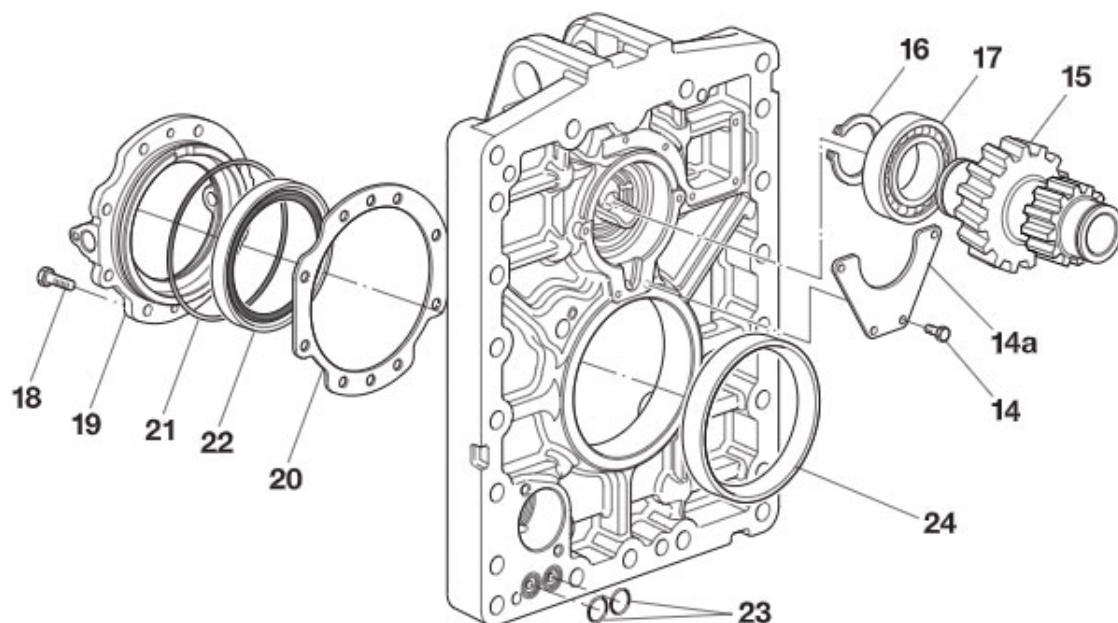


Fig 151.

- 12 Remove screws 14 and guard 14a.
- 13 Extract driving gear 15.
- 14 Remove circlip 16 and remove bearing 17 from driving gear 15.
- 15 Remove screws 18 and extract flange 19, collecting the adjustment spacer(s) 20.
- 16 Remove 'O' ring 21 and seal 22 from the flange.
- 17 Remove 'O' rings 23.
- 18 Drive bearing race 24 out of the cover.



Section F - Transmission CVT Cartridge

Removal and Replacement

- 20 Unclip the circlip from the pinion shaft. Slide the circlip, washer and the coupling sleeve onto the pinion shaft in the direction of the arrow.

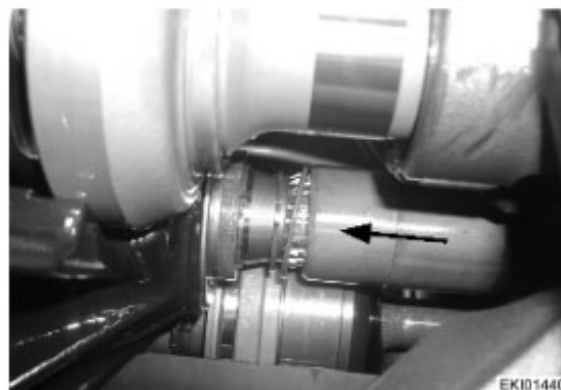


Fig 38.

- 21 Pivot the hydraulic motors inwards using a tyre lever.
22 Unscrew the two M20 hex nuts on each side of the housing.



Fig 39.

- 23 Loosen the two M12 clamping screws at the top. Unscrew two drain plugs on the underside of the gearbox. Collect any draining oil. Loosen the two M12 clamping screws.



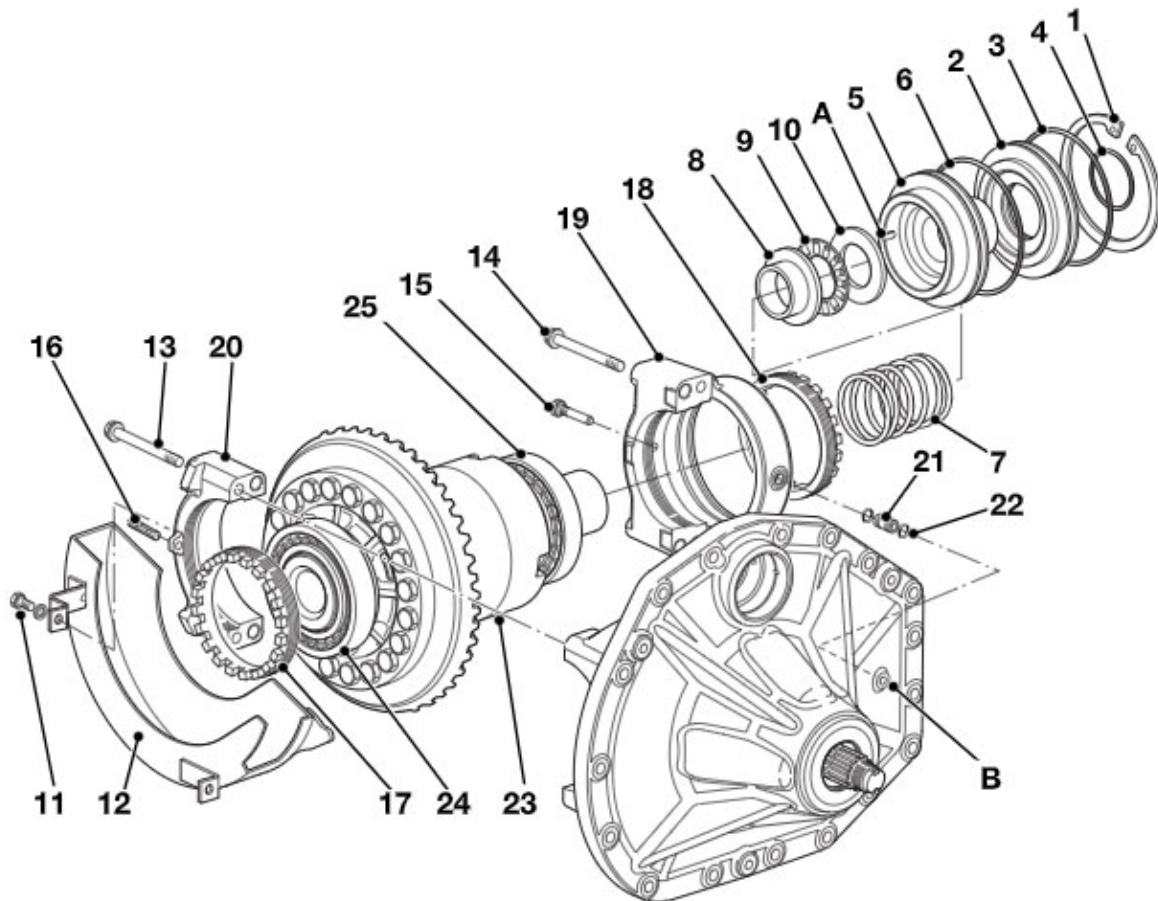
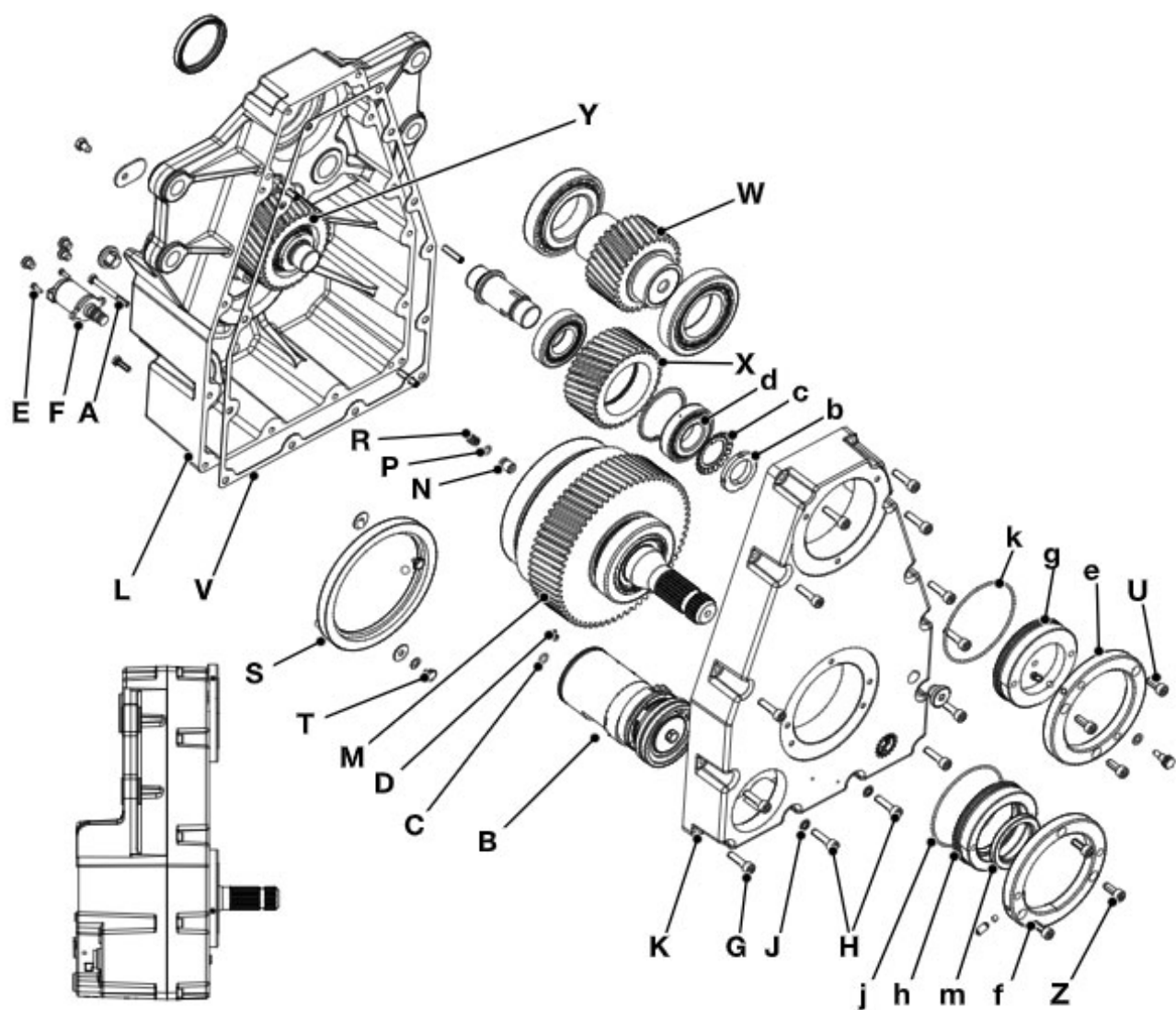
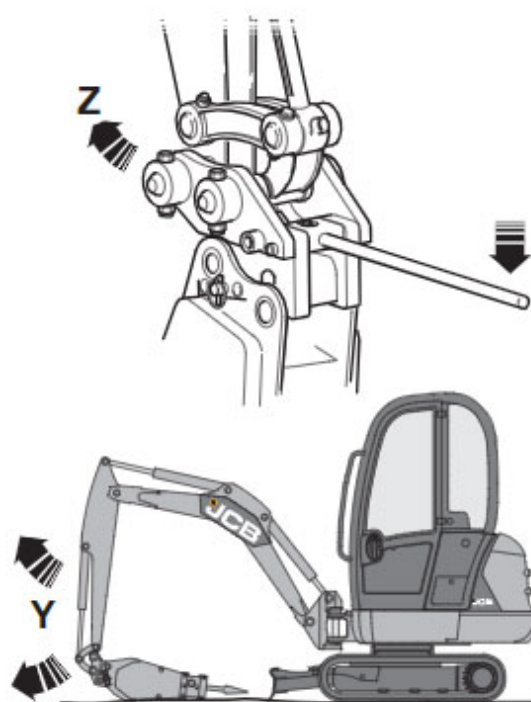
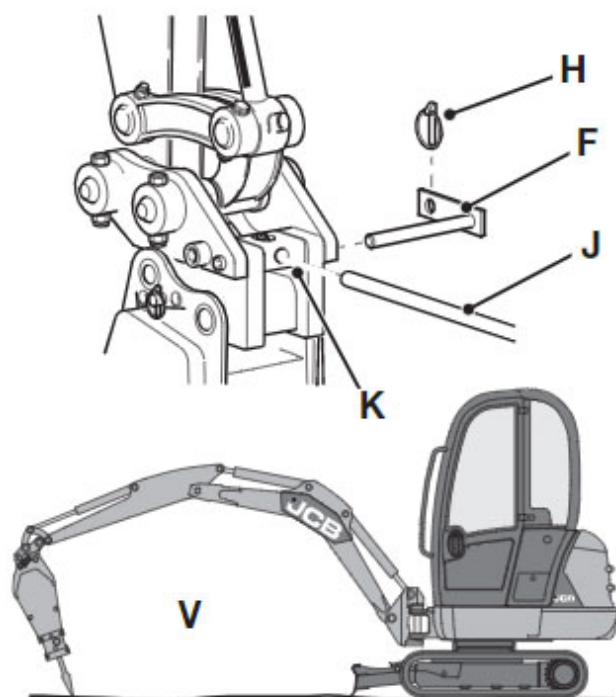


Fig 140.





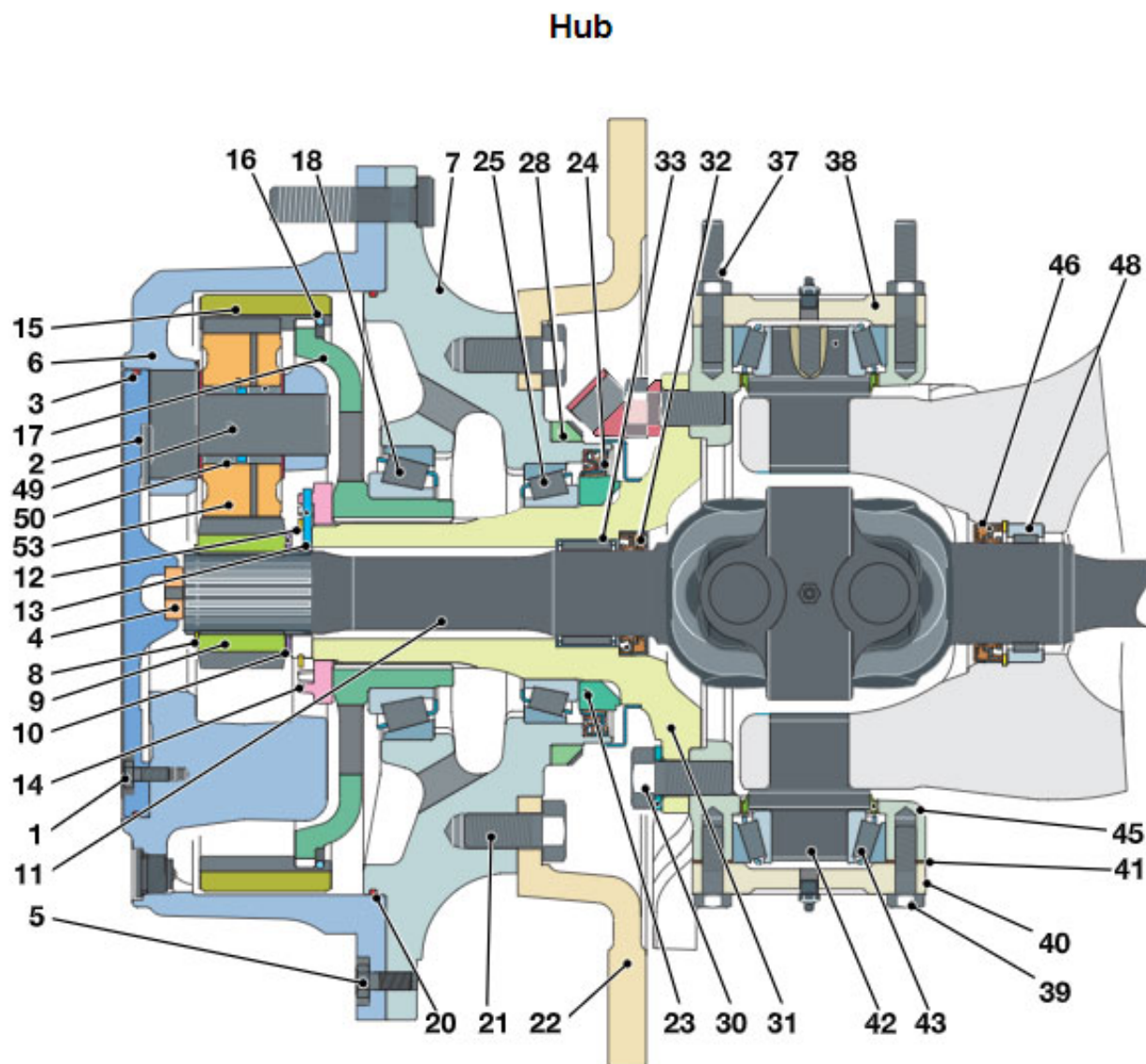


Fig 69.
Format elektroniczny PDF

Kontakt: tel. 696 915 311

Poszukujesz instrukcji napraw i nie możesz znaleźć jej na naszym sklepie? Napisz do nas maila podając w nim markę i model maszyny a także rok produkcji.

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