Dane aktualne na dzień: 15-11-2026 02:25

Link do produktu: https://www.specdiag.pl/instrukcje-napraw-schematy-dtr-deutz-f2l1011f-f3l1011f-f4l1011f-bf4l1011f-f3m1011f-f4m1011f-bf4m1011f-p-1605.html



Instrukcje napraw, schematy, DTR - Deutz F2L1011F, F3L1011F, F4L1011F, BF4L1011F, F3M1011F, F4M1011F, BF4M1011F

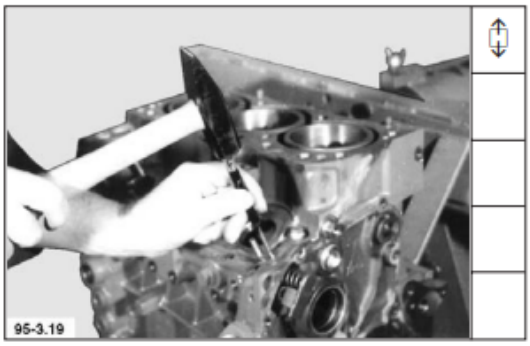
Cena	**360,00 zł**

Opis produktu

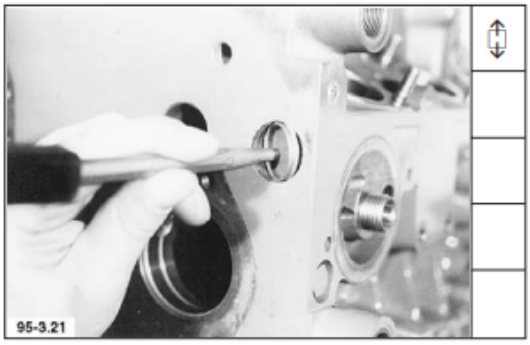
Deutz 2011 instrukcje napraw, schematy, DTR

Deutz F2L1011F
Deutz F3L1011F
Deutz F4L1011F
Deutz BF4L1011F
Deutz F3M1011F
Deutz F4M1011F
Deutz BF4M1011F

F2 - 4L 1011 F	BF4L 1011 F	F3 - 4M 1011 F	BF4M 1011 F
F2L = 167 F3L = 208 F4L = 250	257	F3M = 200 F4M = 243	249
F2L = 1366 F3L = 2049 F4L = 2732	2732	F3M = 2184 F4M = 2912	2912
91			
105		112	
auf Schwungrad gesehen links When facing flywheel counter-clockwise Vu sur volant à gauche Mirándose sobre el volante a izquierdas			
3300	3000	3000	2800









Deutsch

Regelstange und Führungsbuchsen

17. Zylinderstift austreiben.

18. Regelstange mit Feder herausnehmen.

19. Verschlußdeckel ausbauen.

20. Rohr mit einem Bohrer ø 5,5 mm einseitig durchbohren.

Hinweis: Nach dem Bohren ist das Kurbelgehäuse gründlich zu reinigen.

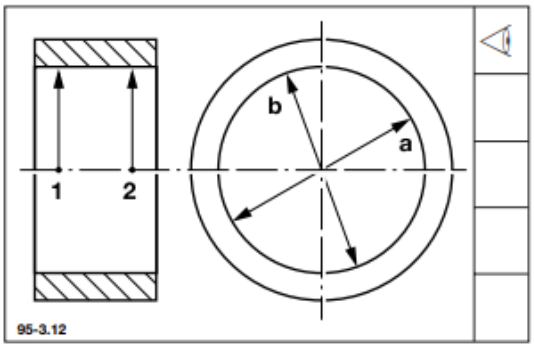
Werkstatthandbuch 1011 F

Deutsch

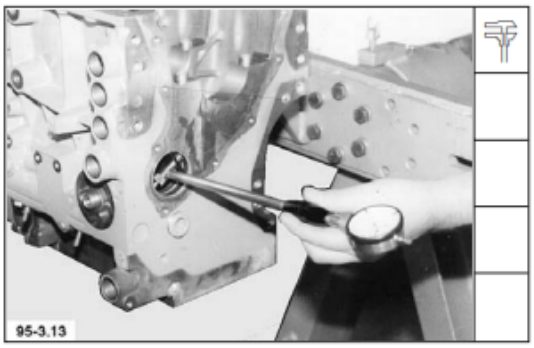


Nockenwellenlagerbuchsen

9. Innenmeßgerät auf **54 mm** einstellen.



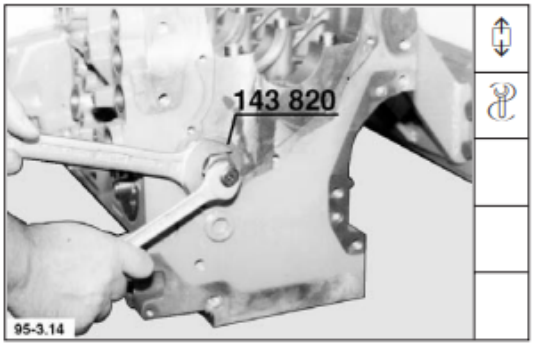
10. Schema zum Vermessen der Lagerbuchsen an den Punkten 1 und 2 in der Ebene "a" und "b".



11. Lagerbuchsen messen, ggf. auswechseln.

Nockenwellenlagerbuchse

Innendurchmesser:	**54** $^{+0,054}$ **mm**
Verschleißgrenze:	**54,080 mm**



12. Lagerbuchsen ausbauen.

3

Deutsch

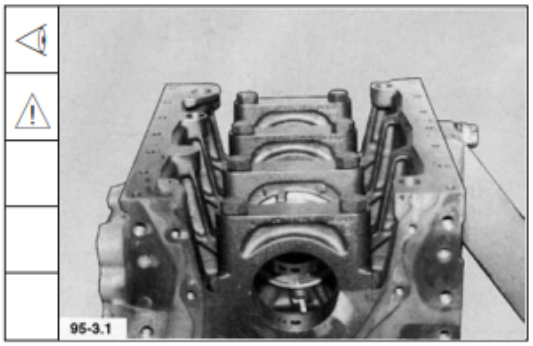
Handelsübliche Werkzeuge:
Schraubendrehereinsatz _____ 8112
Innenmeßgerät

Spezialwerkzeuge:
Montagewerkzeug für
Regelstangenbuchse _____ 110 140
Montagewerkzeug für
Nockenwellenbuchse _____ 143 820
Ausziehwerkzeug für Rohr _____ 150 140
Montagedorn für Rohr _____ 150 150

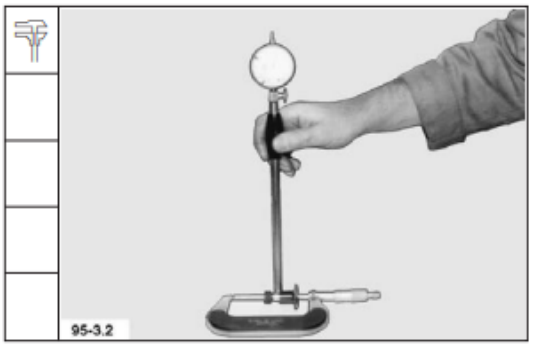
1. Kurbelgehäuse reinigen und auf Beschädigung sichtprüfen.

Hinweis: Vor der Messung sind die Kurbelwellenlagerdeckel nach Anziehvorschrift festzudrehen.

Anziehvorschrift:
Vorspannwert **50 Nm**
Nachspannwinkel 1. Stufe **60°**
2. Stufe **45°**

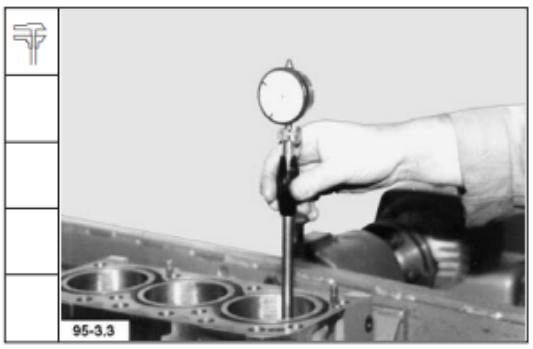


2. Innenmeßgerät auf 91 mm einstellen.



3. Zylinder messen-

Zylinderbohrung: **91** $^{+0,02}$ **mm**
Verschleißgrenze: **91,1 mm**



Deutsch

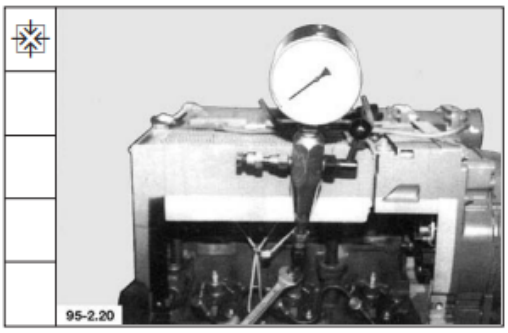
Handelsübliches Werkzeug:
Einspritzpumpenprüfgerät _____ 8006

Spezialwerkzeug:
Spezialschlüssel für Einspritzleitung __ 110 490

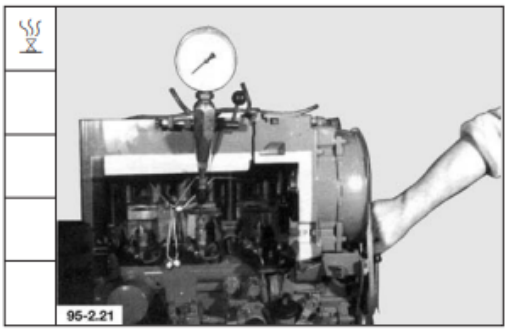
Bei Einspritzpumpen mit Teile-Nr. 0417 9573 und 0417 9981 (mit Gleichdruckventil) ist folgende Prüfung nicht möglich.
Die Einspritzpumpe wird am Motor auf Dichtheit des Druckventils und Pumpenelementes geprüft. Voraussetzung für die Prüfung ist einwandfreie Kraftstoffversorgung und keine Luft im Kraftstoffsystem.

Einspritzleitungen sind abgebaut.

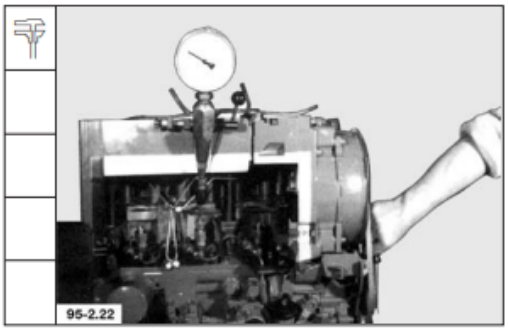
1. Einspritzpumpenprüfgerät am Druckventilhalter anschließen.



2. Kurbelwelle über die Keilriemenscheibe durchdrehen, dabei das Prüfgerät an dem Verschlußstopfen entlüften.

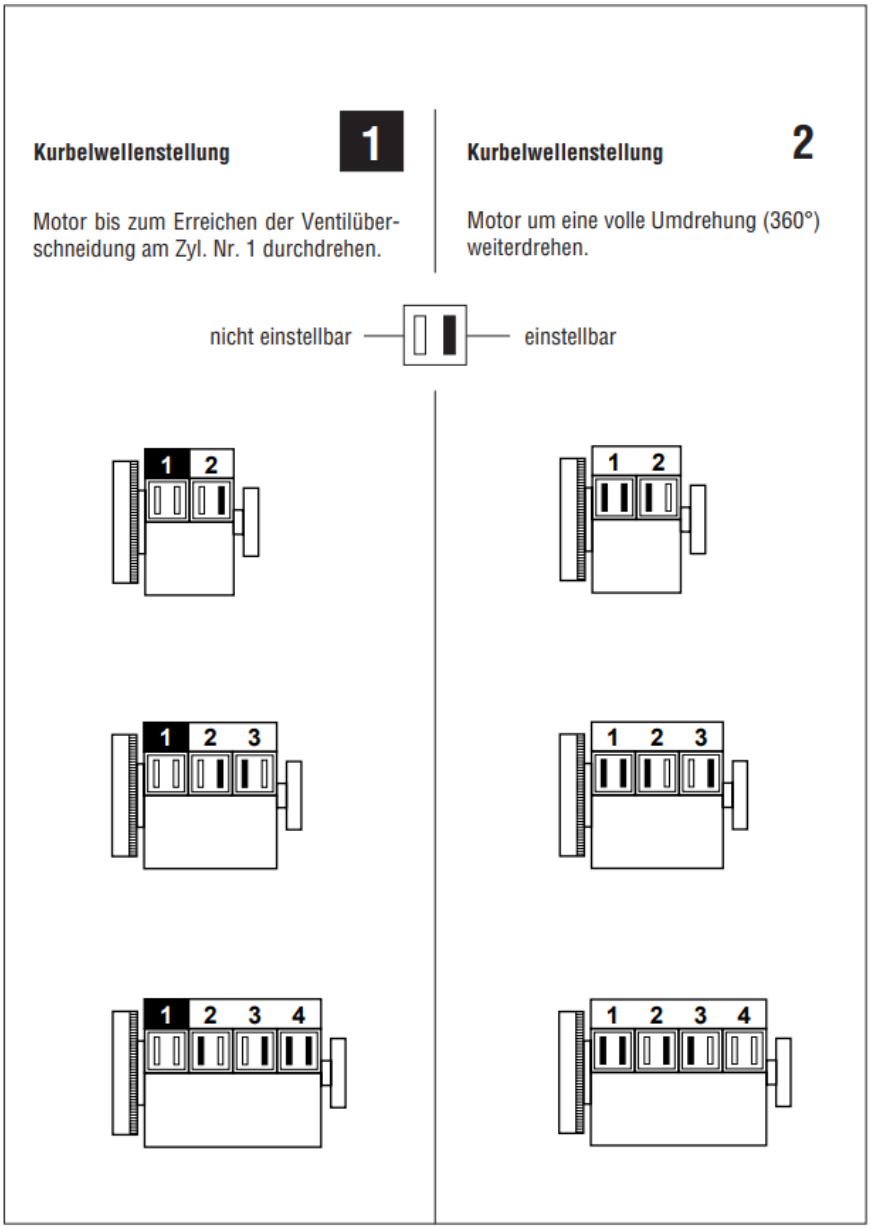


3. Kurbelwelle durchdrehen, bis das Druckventil mit einem Druck von **150 bar** beaufschlagt ist. Der Druck darf in einer Minute um **10 bar** abfallen.



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English

Crankshaft position 1

Turn engine until valves of cylinder No. 1 overlap.

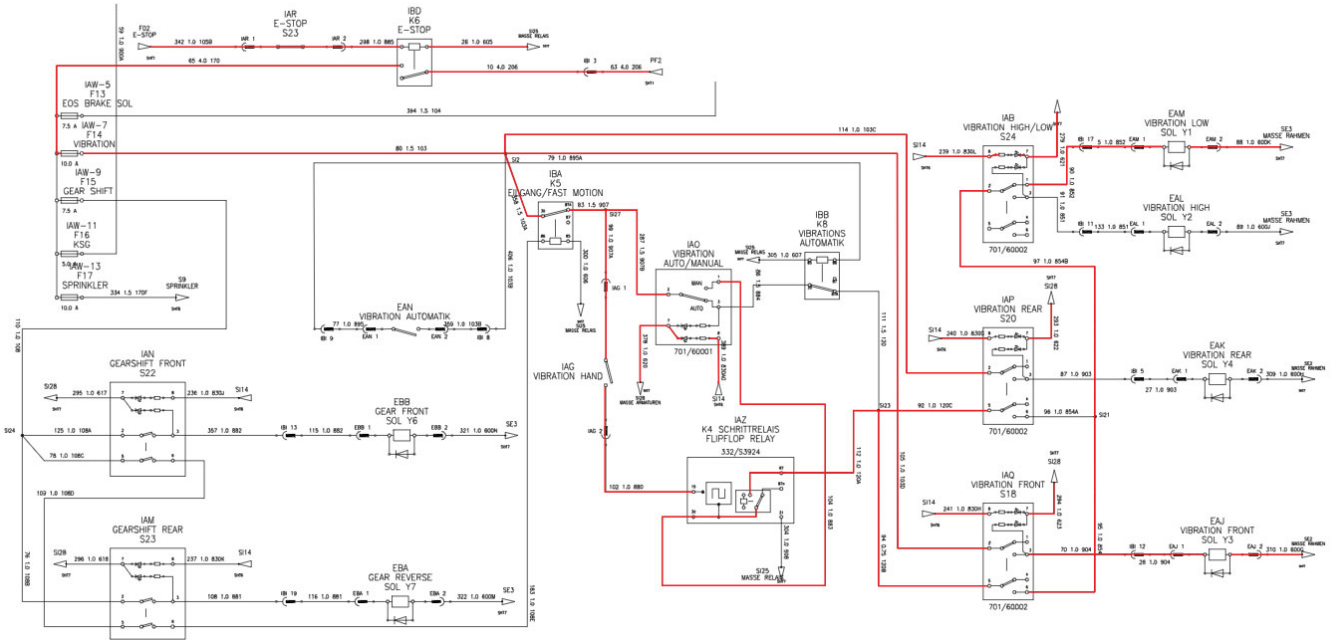
Not ready for adjustment.

Crankshaft position 2:

Turn engine further by one complete revolution (360°).

Ready for adjustment.

Poniższe zdjęcia są przykładowe, pochodzą z losowych instrukcji napraw, po opłaceniu zamówienia klient otrzymuje instrukcje do wybranego silnika lub grupy silników.


IAR
E-STOP
S23
IBD
K6
E-STOP
IAW-5
F13
EOS BRAKE SOL
IAW-7
F14
VIBRATION
IAW-9
F15
GEAR SHIFT
IAW-11
F16
KSG
IAW-13
F17
SPRINKLER
IBA
K5
EILGANG/FAST MOTION
EAN
VIBRATION AUTOMATIK
IAO
VIBRATION
AUTO/MANUAL
701/60001
IBB
K8
VIBRATIONS
AUTOMATIK
IAG
VIBRATION HAND
IAZ
K4 SCHRITTRELAIS
FLIPFLOP RELAY
332/53924
IAN
GEARSHIFT FRONT
S22
IAM
GEARSHIFT REAR
S23
EBB
GEAR FRONT
SOL Y6
EBA
GEAR REVERSE
SOL Y7
IAB
VIBRATION HIGH/LOW
S24
701/60002
EAM
VIBRATION LOW
SOL Y1
EAL
VIBRATION HIGH
SOL Y2
IAP
VIBRATION REAR
S20
EAK
VIBRATION REAR
SOL Y4
IAQ
VIBRATION FRONT
S18
EAJ
VIBRATION FRONT
SOL Y3

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.

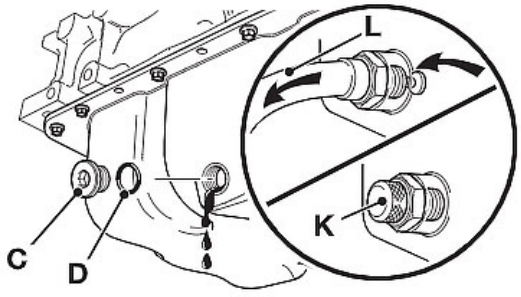
13-3-1-15

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**.



C012110-1

Fig 28.

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**.

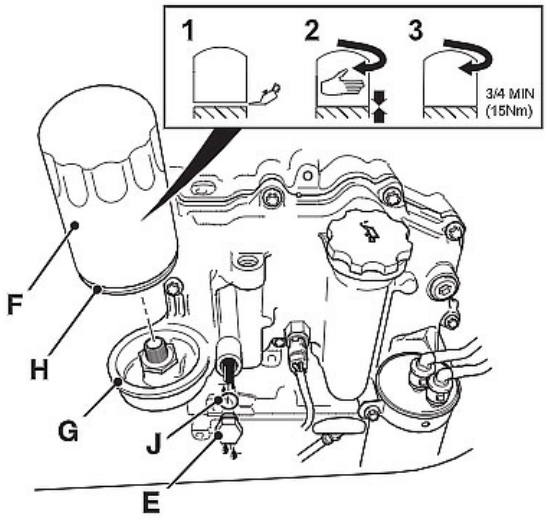
8 Smear the seal **H** on the new filter canister **F** with clean engine oil.

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.



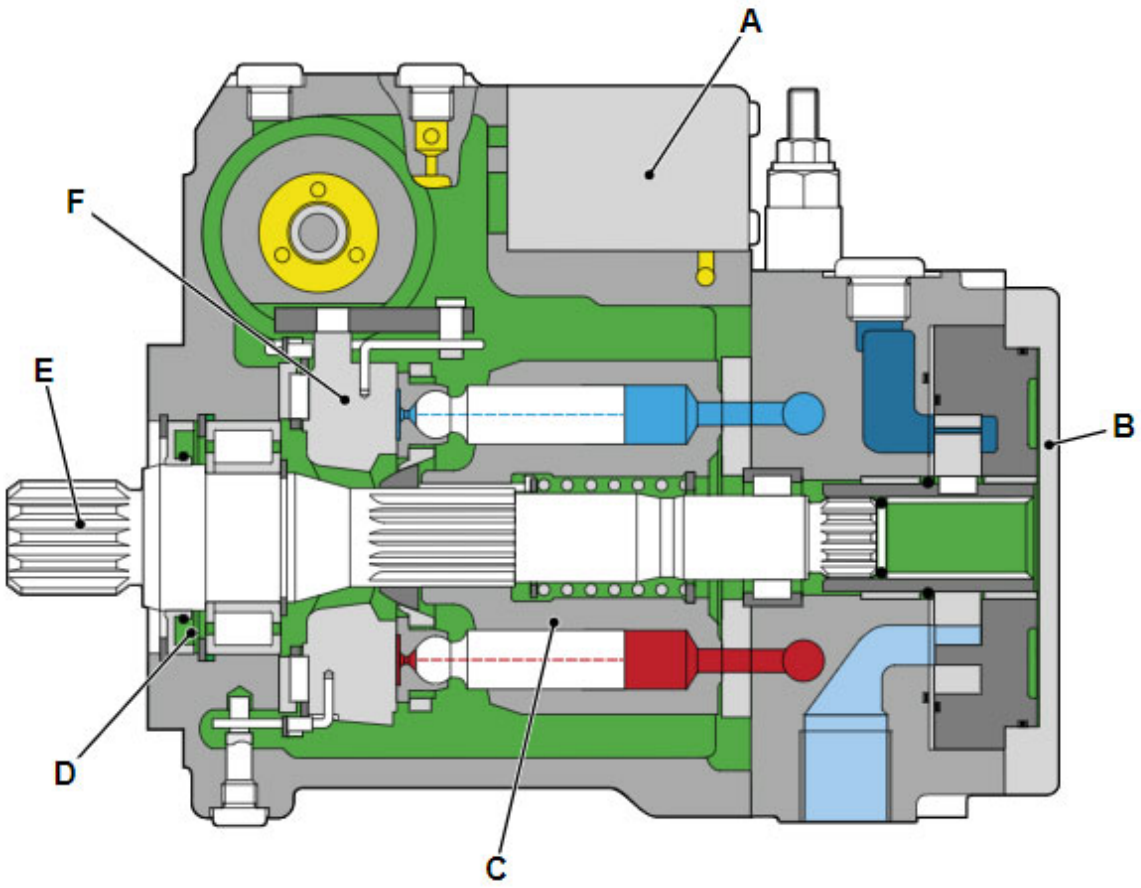
C012110-5

Fig 29.

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.



Deutz F2L1011 F
Deutz F3L1011 F
Deutz F4L1011 F
Deutz BF4L1011 F
Deutz F3M1011 F
Deutz F4M1011 F
Deutz BF4M1011 F

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.

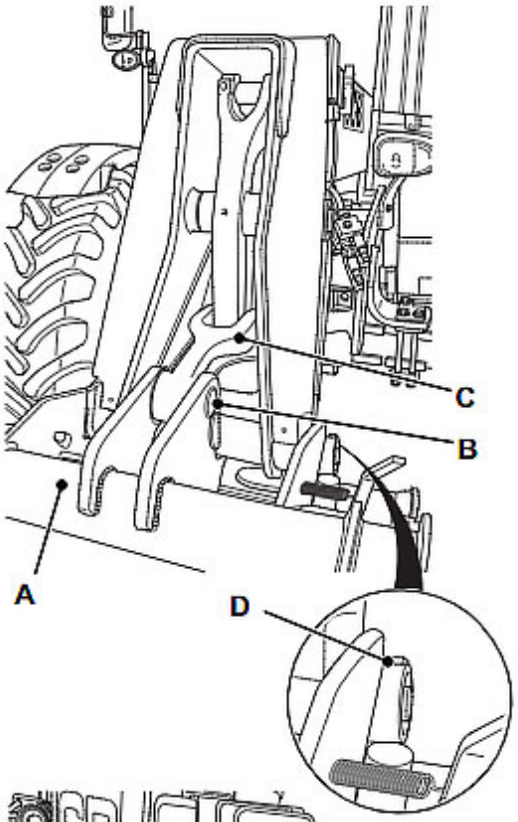
4 Remove the securing bolt and remove the pivot pin B from the tipping link C.

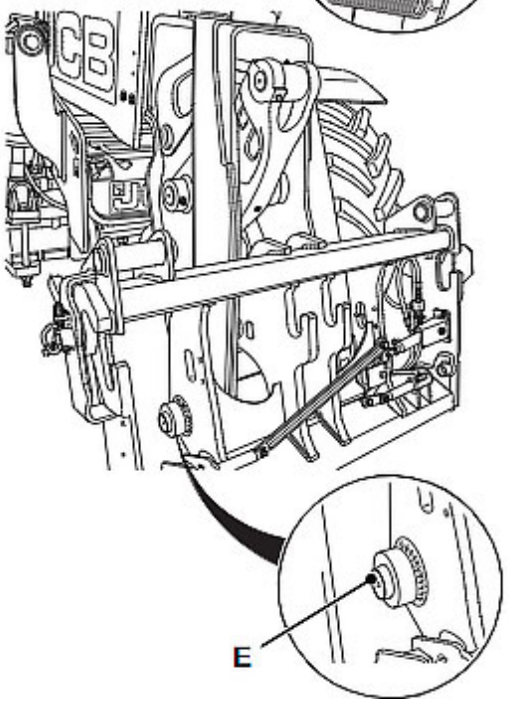
5 Remove the securing bolt D and remove the pivot pin E.

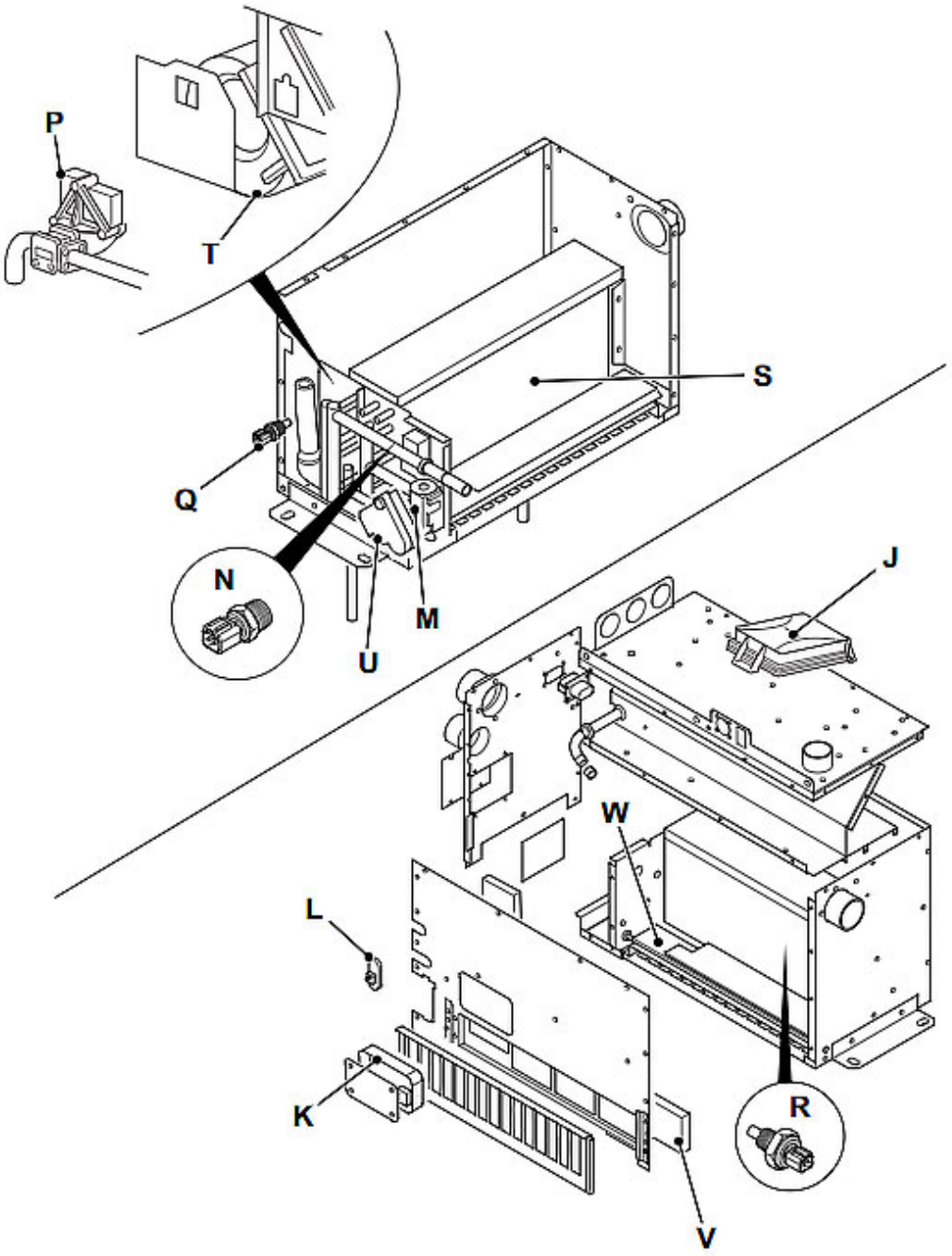
6 Remove the fork carriage A.

Replacement

Replacement is the opposite of the removal procedure.







T014090-C1

Fig 2. ATC HVAC unit components

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.

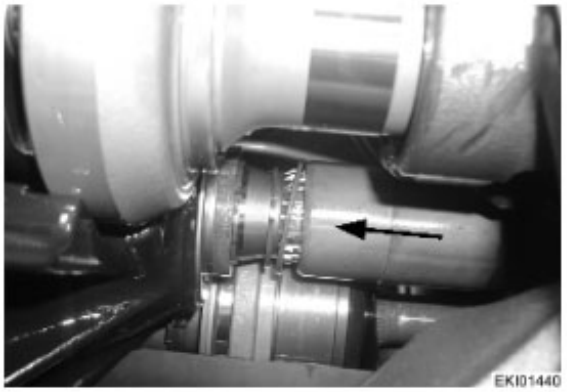


Fig 38.

21 Pivot the hydraulic motors inwards using a tyre lever.

22 Unscrew the two M20 hex nuts on each side of the housing.

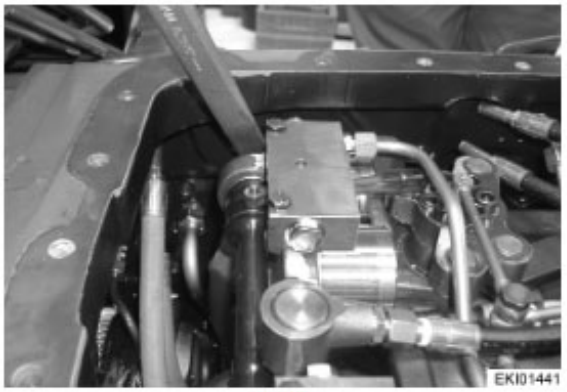
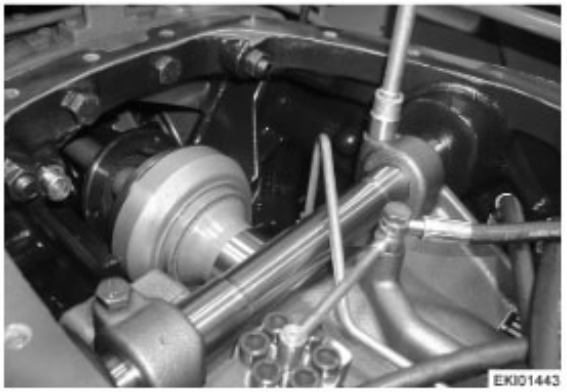


Fig 39.

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.



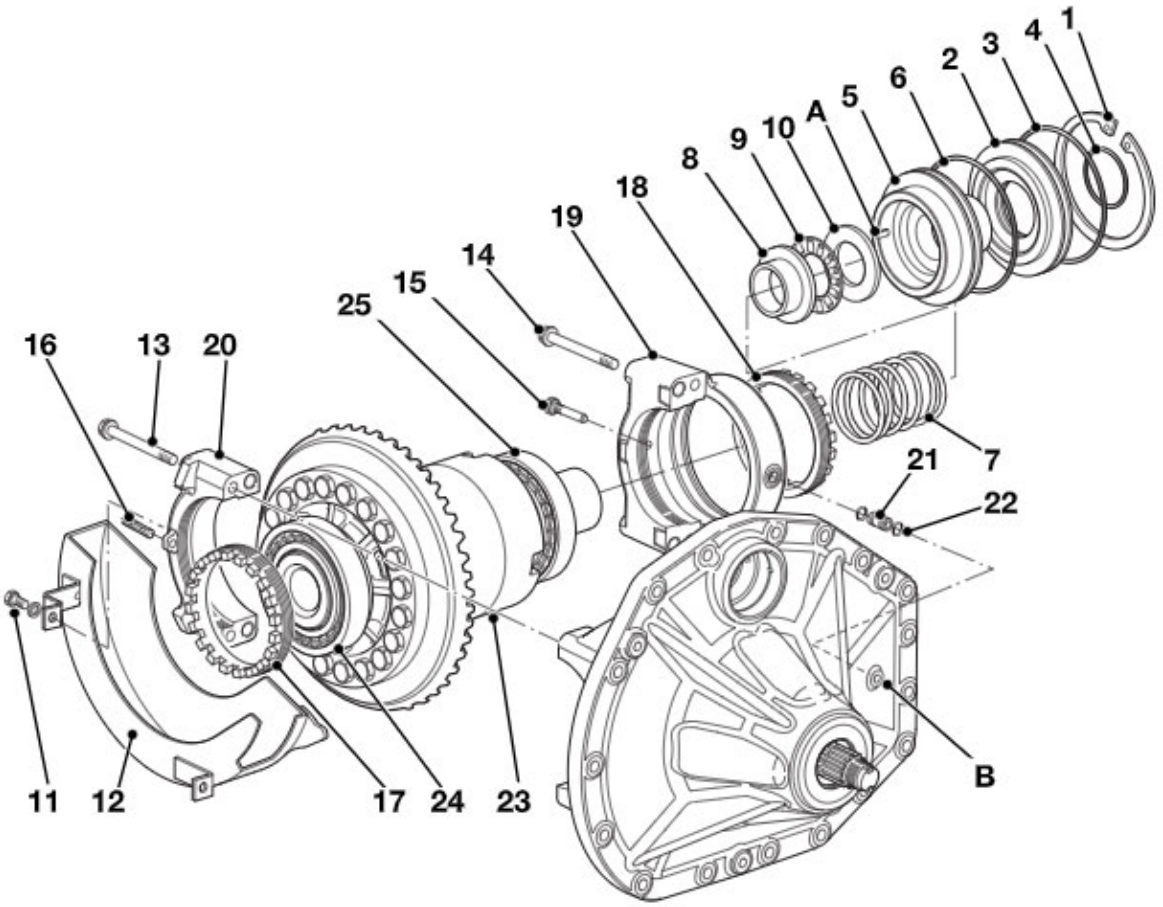
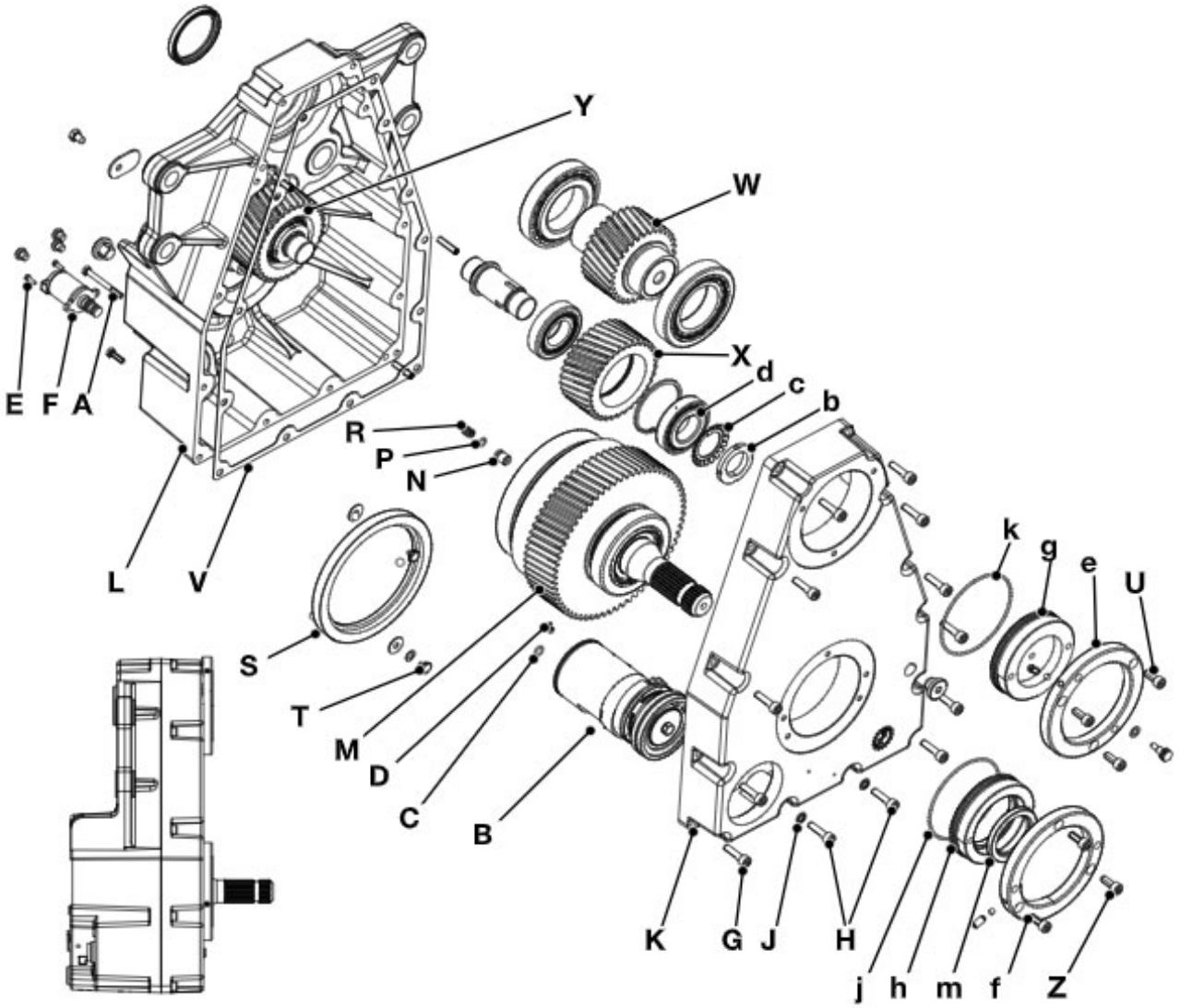
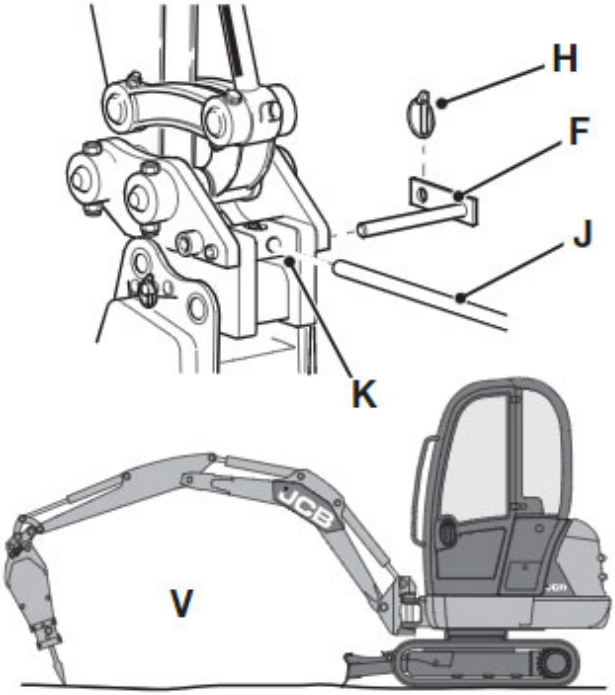
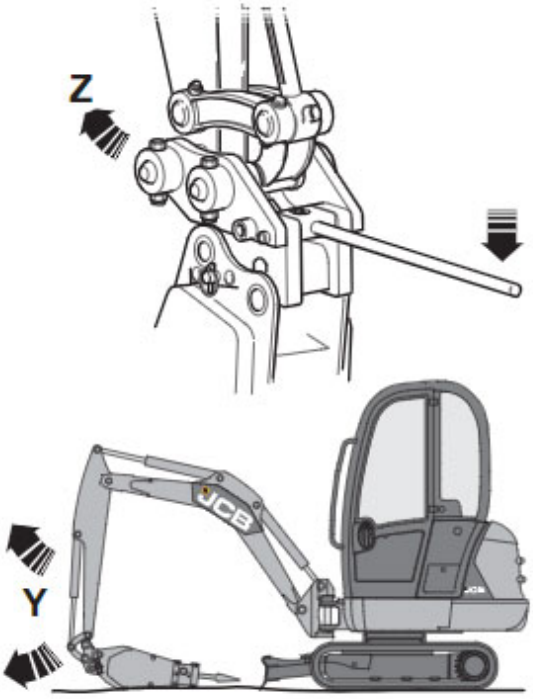


Fig 140.


Y
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Z
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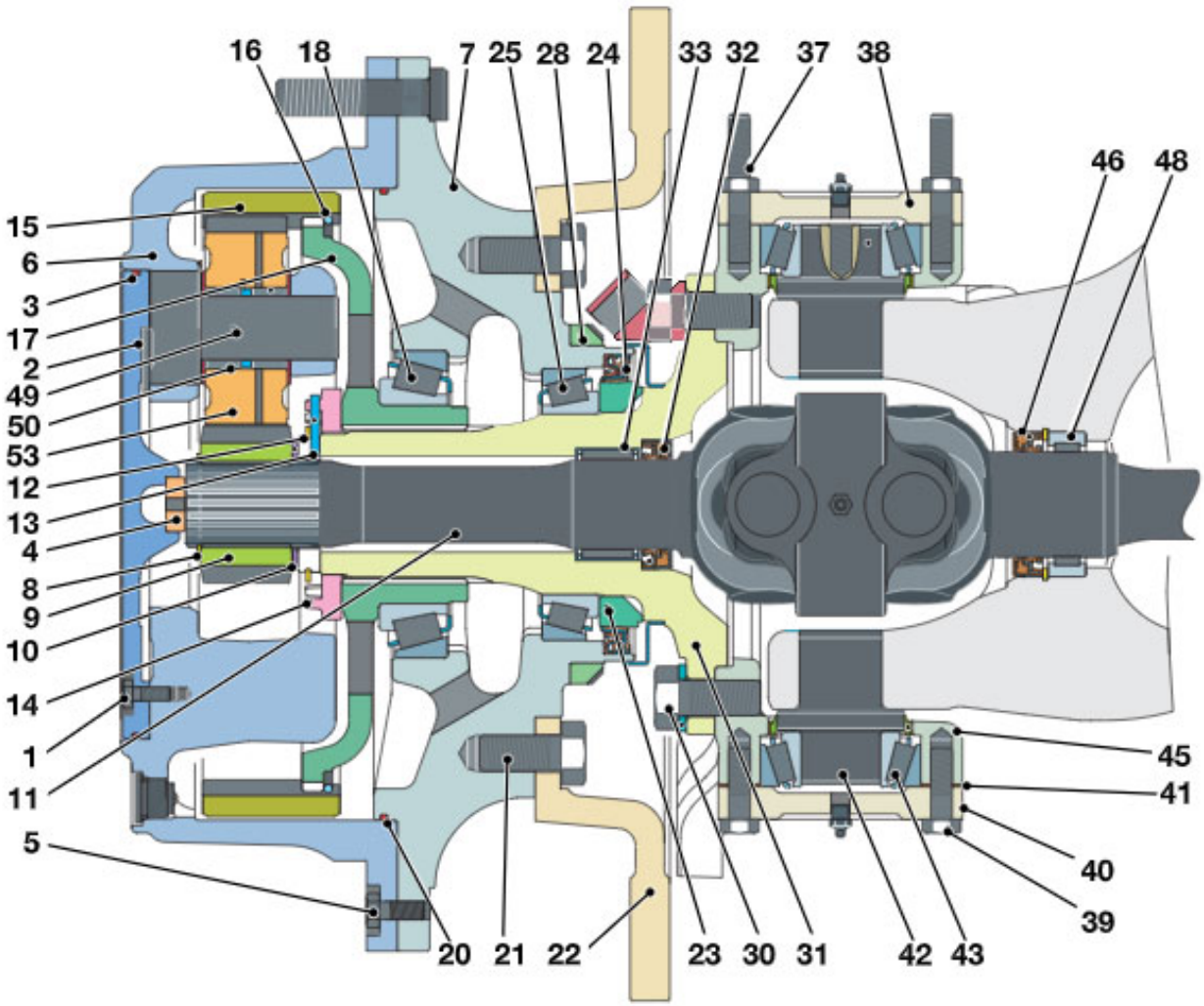


Fig 69.

Deutz F2L 1011F
Deutz F3L 1011F
Deutz F4L 1011F
Deutz BF4L 1011F
Deutz F3M 1011F
Deutz F4M 1011F
Deutz BF4M 1011F

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