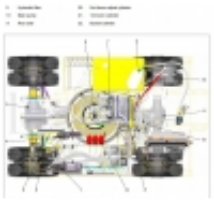
Dane aktualne na dzień: 15-11-2026 02:58

Link do produktu: https://www.specdiag.pl/komatsu-instrukcje-napraw-schematy-dtr-komatsu-d31s-16-komatsu-d31q-16-p-1515.html



Komatsu instrukcje napraw, schematy, DTR - Komatsu D31S-16, Komatsu D31Q-16

Cena	**400,00 zł**

Opis produktu

Dokumentacje warsztatowe - instrukcje napraw - książki serwisowe - Komatsu

BULLDOZER - DOZER - CRAWLER DOZER - WHEEL DOZER

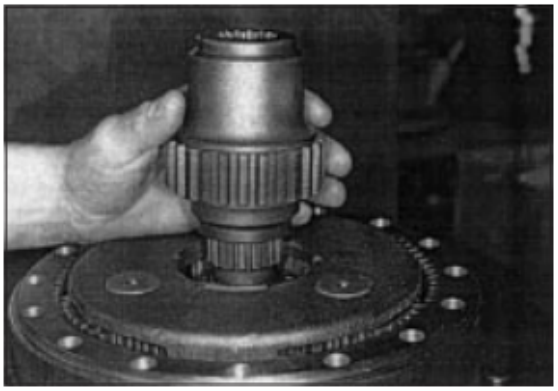
Komatsu D31S-16
Komatsu D31Q-16

Shop Manual - instrukcje napraw - DTR

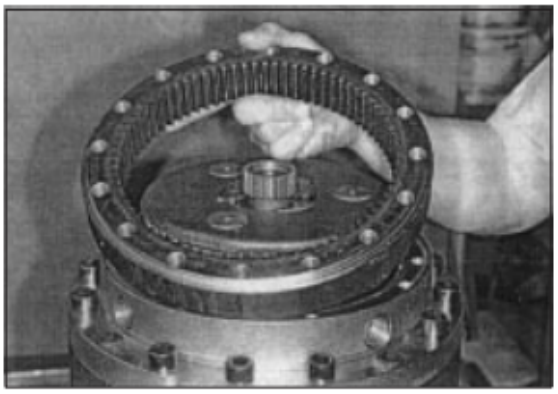
Instrukcje napraw - schematy instalacji

DISASSEMBLING

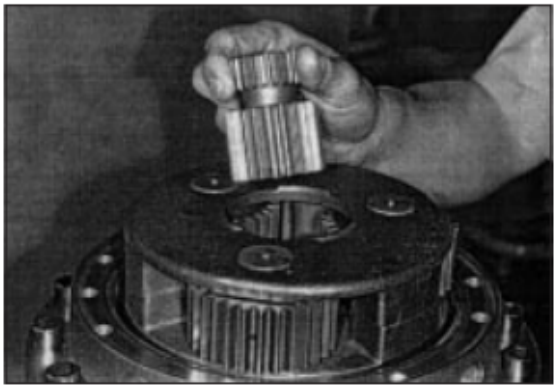
STEP 11
Remove the brake shaft.



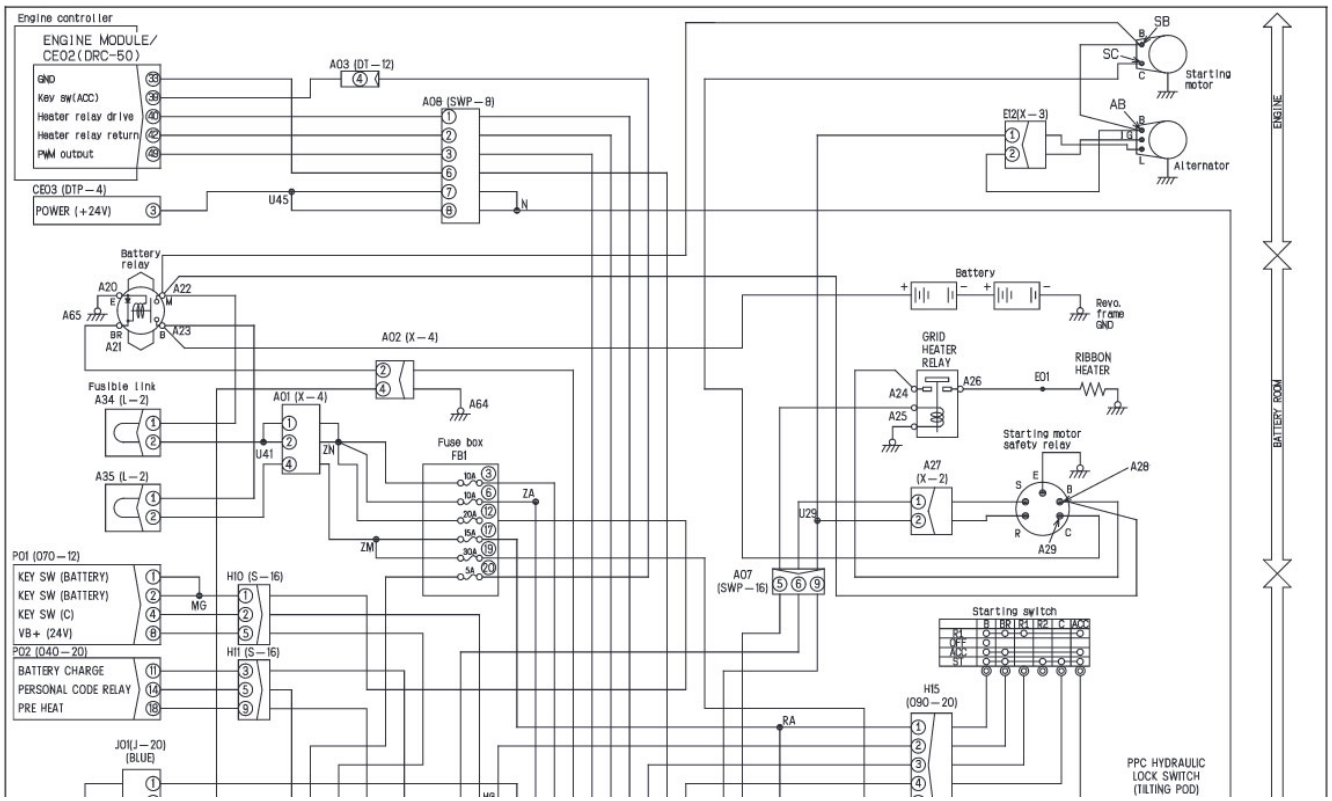
STEP 12
Remove the toothed ring.



STEP 13
Remove the 1st stage sun gear.



Circuit diagram related to engine preheater/starting motor/charging system



N·m **90 ± 3 Nm {9.2 ± 0.3 kgm}**

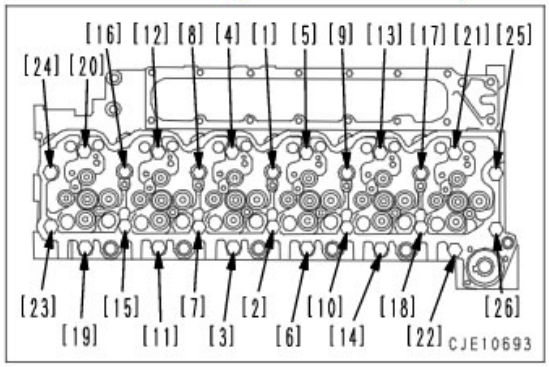
2] .

N·m Recheck the torque:
90 ± 3 Nm {9.2 ± 0.3 kgm}

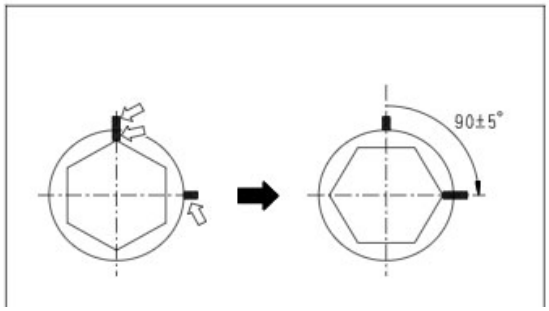
3]

N·m **90° ± 5°** (Tighten with an angle tightening tool.)

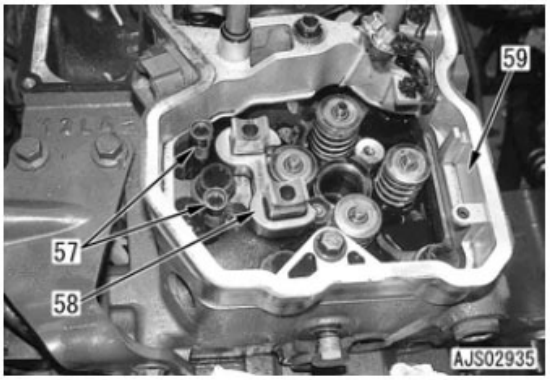
a Tool **A6**: wrench is adopted for angle tightening. (Refer to the tool list.) (Refer to the tool list.)



- When an angle tightening tool is not used:
  Put marks on the cylinder head and bolts with a felt-tip pen, and then tighten the bolts an additional **90° ± 5°**.



3. Install push rods (57).
4. Install rocker arm support (58).



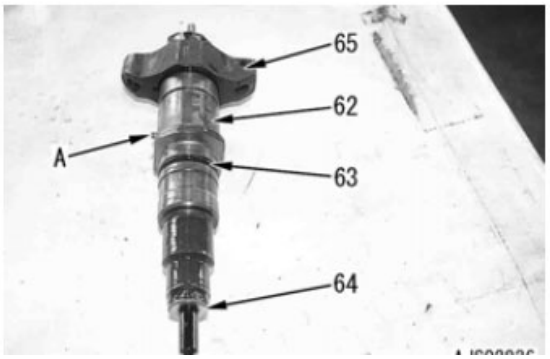
5. Fuel injector assembly
   - Check that there is no damage or dust on the fuel injector sleeve.

5.1. Install O-ring (63) and gasket (64) to fuel injector (62).

5.2. Coat O-ring (63) and the head side of fuel injector (62) with engine oil (EO15W-40).

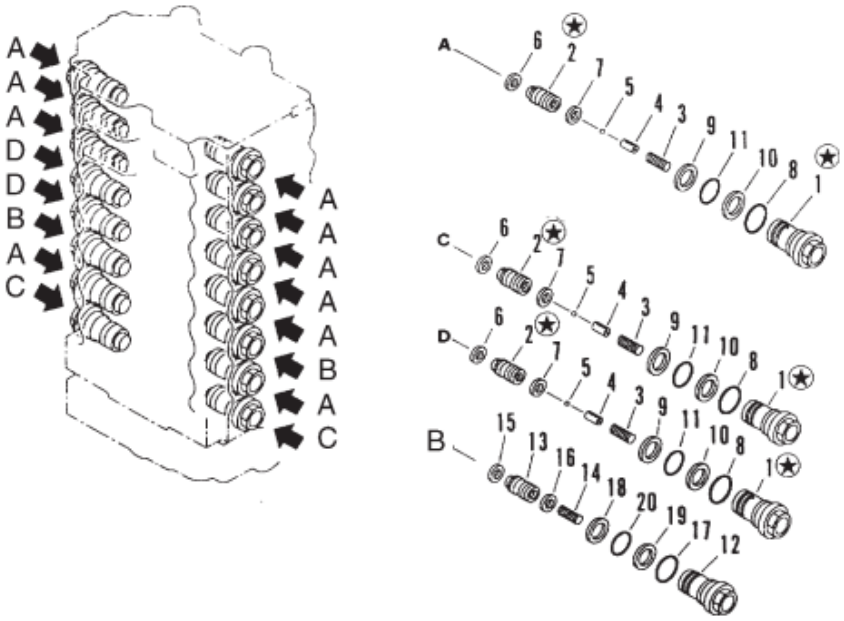
O-ring (63) and the head side of fuel injector (62): **engine oil (EO15W-40)**

5.3. Install holder (65) to fuel injector (62) with concavity and convexity (A) fitted together.



DISASSEMBLY OF PRESSURE COMPENSATION VALVE ASSEMBLY

Pressure compensation valves
A: For bucket CURL/DUMP, boom Lower arm IN, stabiliser
C: For swing LEFT/RIGHT
D: For arm OUT, boom RAISE
B: For travel



- **Disassembly of pressure compensation valves A,C,D**
- The structure of the parts for pressure compensation valves A, C en D is the same, but the part number for the assembly marked ★ is different, so be careful when assembling.

1. Remove piston (2) and spring (3) from sleeve (1).
2. Remove plug (4) and ball (5) form piston (2).
3. Remove seals (6) and (7) from piston (2).
4. Remove O-ring (8) from sleeve (1), then remove seals (9) and (10), and O-ring (11).

* After disassembling, if there is any abnormality in sleeve (1), piston (2), plug (4), ball (5), or seals (6) and (7), replace the whole pressure compensation valve assembly.

- **Disassembly of pressure compensation valve B**

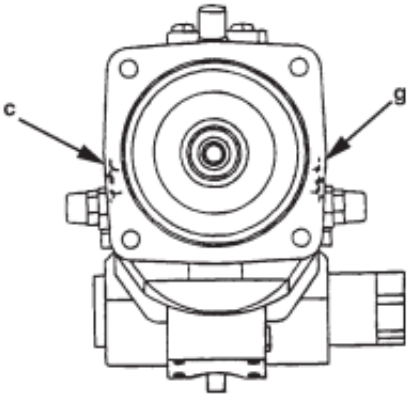
1. Remove piston (13) and spring (14) from sleeve (12).
2. Remove seals (15) and (16) from piston (13), then remove O-ring (17), seals (18) and (19), and O-ring (20) from sleeve (12).

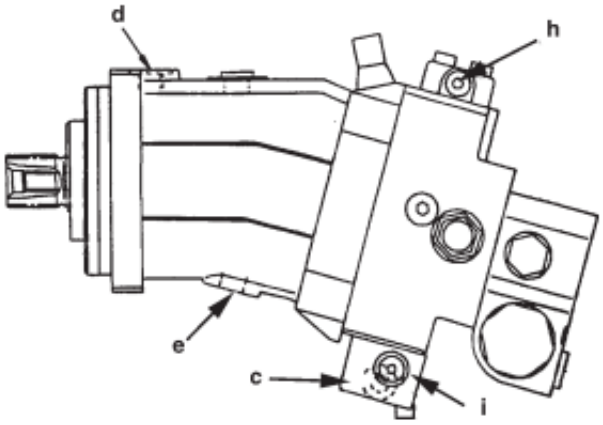
* After disassembling, if there is any abnormality in sleeve (12), piston (13), or seals (15) and (16), replace the whole pressure compensation valve assembly.

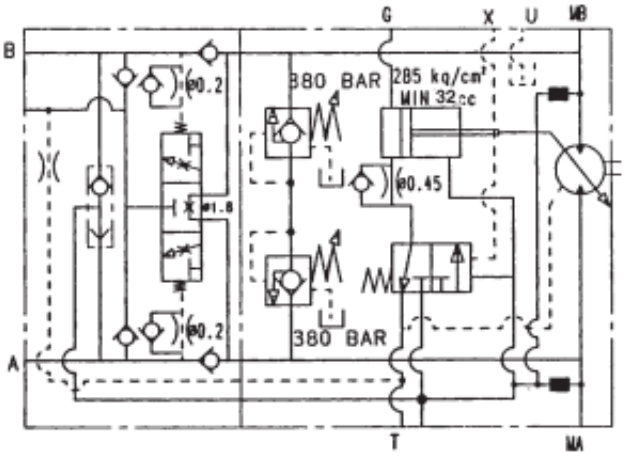
IDENTIFICATION OF PRESSURE COMPENSATION VALVE ASSEMBLY

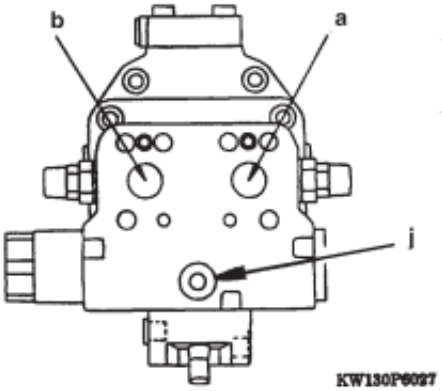
Valves are identified by markings on the valve assembly.

FRONT TRAVEL MOTOR (20 Km/h TRAVEL SPEED SPEC.)









HYDRAULIC SCHEMATIC

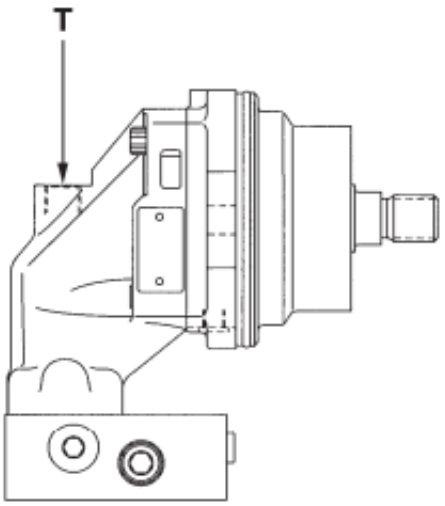
SPECIFICATIONS

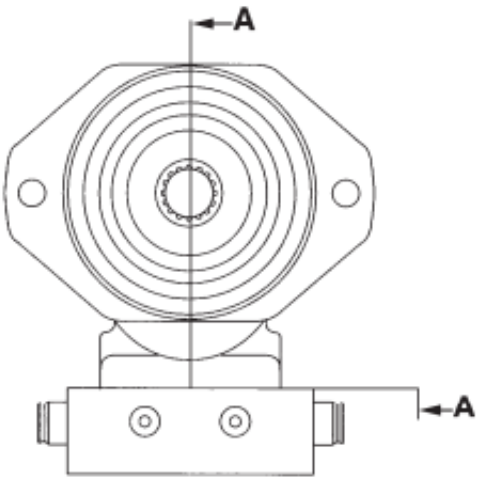
Type: Variable displacement piston motor

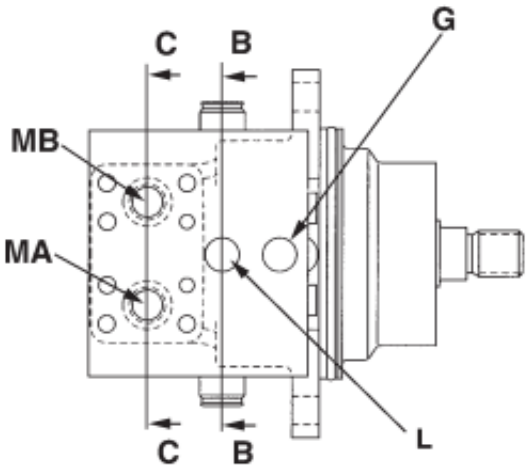
Theoretical delivery:	Min. 32 cc/rev
	Max. 80 cc/rev
Hi-Lo switching-pressure:	2.94 MPa (30 kg/cm²)
Rated speed:	4968 rpm. (Max)

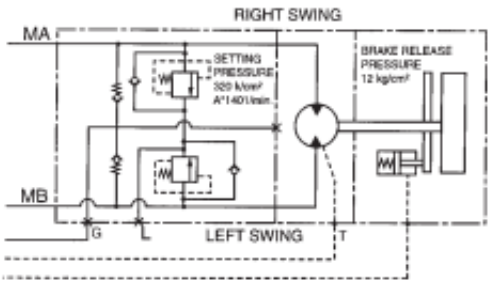
a. Motor inlet (A)
b. Motor outlet (B)
c. Override pressure port (X)
d. Drain port (U)
e. Drain port (T)
f. Pressure test port (MB)
g. Pressure test port (MA)
h. Pressure test port (M1)
i. Pressure test port (G)

SWING MOTOR





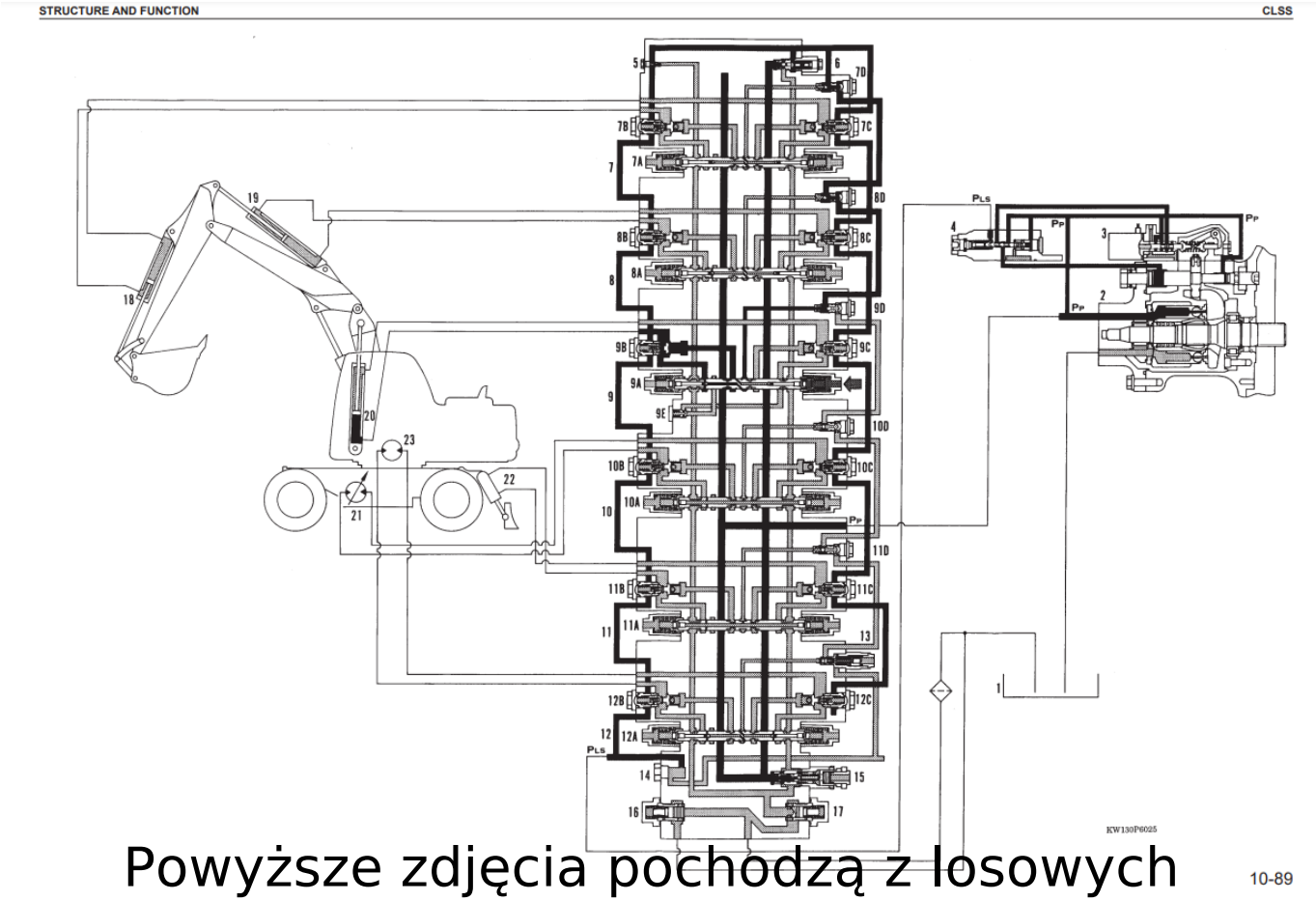




a. Port **G** (to control valve TSW port)
b. Port **MB** (from control valve)
c. Port **MA** (from control valve)
d. Port **T** (to tank)
e. Port **L** (plugged)

SPECIFICATIONS

Type	F12-060-MF-CV-C-509
Theoretical delivery	59.8 cc/rev
Safety valve set pressure	31.36 MPa (320 kg/cm^2)
Rated speed	2250 rpm



Powyższe zdjęcia pochodzą z losowych instrukcji napraw do maszyn budowlanych marki Komatsu.

Po zakupie otrzymają Państwo dokumentację do właściwego wybranego modelu maszyny.

Format PDF

Język angielski

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motodiagnostyka2010@gmail.com

Szukasz instrukcji napraw, schematów lub DTR do innego modelu? Zadzwoń lub napisz do nas.