Dane aktualne na dzień: 28-03-2024 16:56

Link do produktu: https://www.specdiag.pl/komatsu-mining-shovels-koparki-gornicze-komatsu-serwisowe-instrukcje-napraw-dtr-schematy-instalacji-p-1504.html



Komatsu mining shovels - koparki górnicze Komatsu - Serwisowe instrukcje napraw - DTR - schematy instalacji

Cena	**950,00 zł**

Opis produktu

Komatsu serie PC

Komatsu - HYDRAULIC MINING SHOVEL - service manuals, operation manuals, diagrams

Komatsu - hydrauliczne koparki górnicze - dokumentacja serwisowa - instrukcje napraw - schematy instalacji - DTR

Komatsu - koparki górnicze - dokumentacje warsztatowe - instrukcje napraw - książki serwisowe - Komatsu

Komatsu - koparka górnicza - mining shovel - service manual, operation manual

Komatsu - mining shovels – lista dostępnych instrukcji:

Komatsu - HYDRAULIC MINING SHOVEL - zawartość:

PC3000-1 - 6171 - Operation & Maintenance Manual (DTR)
PC3000-1 - 6171 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6174 - Operation & Maintenance Manual (DTR) PC3000-1 - 6174 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6182 - Operation & Maintenance Manual (DTR) PC3000-1 - 6182 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6193 - Operation & Maintenance Manual (DTR) PC3000-1 - 6194 - Operation & Maintenance Manual (DTR)
PC3000-1 - 6194 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6199 - Operation & Maintenance Manual (DTR) PC3000-1 - 6199 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6202 - Operation & Maintenance Manual (DTR) PC3000-1 - 6202 - Shop Manual (serwisowe instrukcje napraw)
PC3000-1 - 6225 - Operation & Maintenance Manual (DTR) PC3000-1 - 6225 - Shop Manual
PC3000-6-General Assembly Procedure
PC3000-6 - 06208 AND UP, 46151 AND UP - Service Manual
PC3000-6 - 06208 AND UP - 46151 AND UP - Service Manual
PC3000-6 - 06208 AND UP - Operation & Maintenance Manual (DTR)
PC3000-6 - 6219 - Operation & Maintenance Manual (DTR)
PC3000-6 - 6219 - Shop Manual (serwisowe instrukcje napraw)
PC3000-6 - 6224 - Operation & Maintenance Manual (DTR)
PC3000-6 - 6224 - Shop Manual (serwisowe instrukcje napraw)
PC3000-6 - 06253 - Operation & Maintenance Manual (DTR)
PC3000-6 - 46172 AND UP - Operation & Maintenance Manual (DTR)
PC4000-6-Remove & Replace Procedures
PC4000-6 - 8152 - Operation & Maintenance Manual (DTR)
PC4000-6 - 8152 - Shop Manual (serwisowe instrukcje napraw)
PC4000-6 - 8155 - Operation & Maintenance Manual (DTR)
PC4000-6 - 8155 - Shop Manual (serwisowe instrukcje napraw)
PC4000-6 - 8170 - Shop Manual (serwisowe instrukcje napraw)
PC4000-6 - 8172 - Operation & Maintenance Manual (DTR)
PC4000-6 - 8172 - Shop Manual (serwisowe instrukcje napraw)
PC4000-6 - 08176 AND UP - Operation & Maintenance Manual (DTR)
PC4000-6 - 08189 AND UP - Operation & Maintenance Manual (DTR)
PC4000-6 - 8199 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC4000-6 - 08205AND UP - Field Assembly Manual
PC4000-6 - 08218 - Operation & Maintenance Manual (DTR)
PC4000-6 - 8224 - Operation & Maintenance Manual (DTR)
PC4000-6 - 8170 - Operation & Maintenance Manual (DTR)
PC4000-General Assembly Procedure Manual
PC4000-General Assembly Procedure
PC5500-6 - 15011 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15011 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15012 & 15013 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15014 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15016 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15018 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15018 - Shop Manual (serwisowe instrukcje napraw)

PC5500-6 - 15019 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15019 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15022 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15022 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15023 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15023 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15025 - Electrical And Hydraulic Diagrams
PC5500-6 - 15025 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15025 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15027 - Operation & Maintenance Manual (DTR) (2)
PC5500-6 - 15027 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15027 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15028, 15029, 15030 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15031, 15035 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15032 AND 15039 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15032 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15032 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15033 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15035 AND UP - Operation & Maintenance Manual (DTR) (2)
PC5500-6 - 15035 AND UP - Operation & Maintenance Manual (DTR)
PC5500-6 - 15036 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15038 - Operation & Maintenance Manual (DTR) (2)
PC5500-6 - 15038 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15038 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15039 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15039 - Shop Manual (serwisowe instrukcje napraw)
PC5500-6 - 15041 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15044 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15045 AND UP - Operation & Maintenance Manual (DTR)
PC5500-6 - 15049 AND UP - Operation & Maintenance Manual (DTR)
PC5500-6 - 15050 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15052 AND UP - Operation & Maintenance Manual (DTR)
PC5500-6 - 15060 & 15062 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15066 & 15071 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15080 - Operation & Maintenance Manual (DTR)
PC5500-6 - 15040 - Operation & Maintenance Manual (DTR)
PC5500 - General Assembly Procedure
PC8000-6 - 12053 - Operation & Maintenance Manual (DTR)
PC8000-6 - 12058 AND UP - Operation & Maintenance Manual (DTR)
PC8000-6 - 12062 AND UP - Operation & Maintenance Manual (DTR)
PC8000-6 - 12066 AND UP - Operation & Maintenance Manual (DTR)
PC8000E-6 - 12089-12093 - Shop Manual (serwisowe instrukcje napraw)
PC8000 - General Assembly Procedure

Komatsu HYDRAULIC SHOVEL H1, H2:

H185S - 06081 - Operation & Maintenance Manual (DTR)
H185S - 6081 - Shop Manual (serwisowe instrukcje napraw)
H185S - 06108- Electrical And Hydraulic Diagrams
H185S - 06108 - Operation & Maintenance Manual (DTR)
H185S - 06111 - Operation & Maintenance Manual (DTR)
H185S - 6111 - Shop Manual (serwisowe instrukcje napraw)
H285S - 78067 - Operation & Maintenance Manual (DTR)

H285S - 78067 - Shop Manual (serwisowe instrukcje napraw)
H285S - 78094, 78111, 78113 - Operation & Maintenance Manual (DTR)
H285S - 78094, 78111, 78113 - Shop Manual (serwisowe instrukcje napraw)
H285S - 78135-Electrical Diagram

Komatsu - LOGGING EXCAVATOR:

PC200LL-6, PC220LL-6-AVANCE - A85001AND UP - Shop Manual (serwisowe instrukcje napraw) Addendum
PC200LL-8, PC220LL-8 - A87001 AND UP - ENGINE - 6D107E-1 - Operation & Maintenance Manual (DTR)
PC270LL-7L-GALEO - A86001 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC300LL-6-AVANCE - A84001 AND UP - Shop Manual
PC300LL-7EO-GALEO - A86001 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC300LL-7L-GALEO - A85001 AND UP - Operation & Maintenance Manual (DTR)
PC350LL-7EO - A50001 AND UP - ENGINE - 6D114E-3 - Operation & Maintenance Manual (DTR)

Komatsu – LOGGING - LOADER ROAD BUILDER - EXCAVATOR:

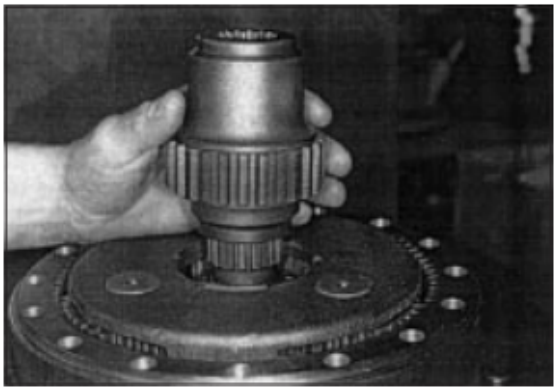
PC210LL-10, PC240LL-10 - A52001 AND UP, A20601 AND UP - ENGINE - 6D107E-2 - Operation & Maintenance Manual (DTR)
PC240LL-10 - A20601 AND UP - ENGINE - 6D107E-2 - Shop Manual (serwisowe instrukcje napraw)
PC290LL-11 - A29501 AND UP - ENGINE - 6D107E-3 - Operation & Maintenance Manual (DTR)
PC290LL-11 - A29501 AND UP - ENGINE - 6D107E-3 - Shop Manual (serwisowe instrukcje napraw)
PC300LL-7EO-GALEO - A86001 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC350LL-7EO - A50001 AND UP - Shop Manual (serwisowe instrukcje napraw)
PC390LL-10 - A50601 AND UP - ENGINE - 6D114E-5 - Operation & Maintenance Manual (DTR)
PC390LL-10 - A50601 AND UP - ENGINE - 6D114E-5 - Shop Manual (serwisowe instrukcje napraw)

Shop Manual – instrukcje napraw – DTR

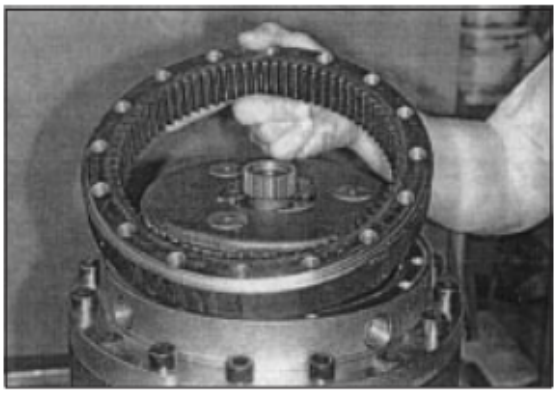
Instrukcje napraw - schematy instalacji

DISASSEMBLING

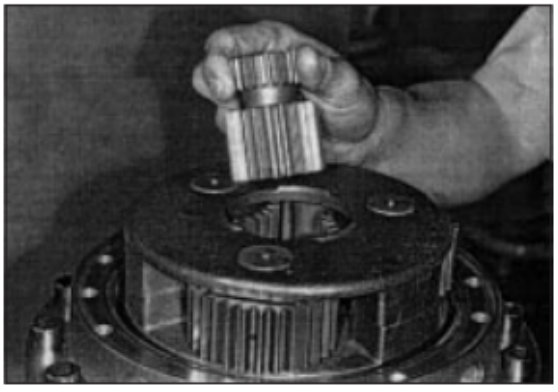
STEP 11
Remove the brake shaft.



STEP 12
Remove the toothed ring.

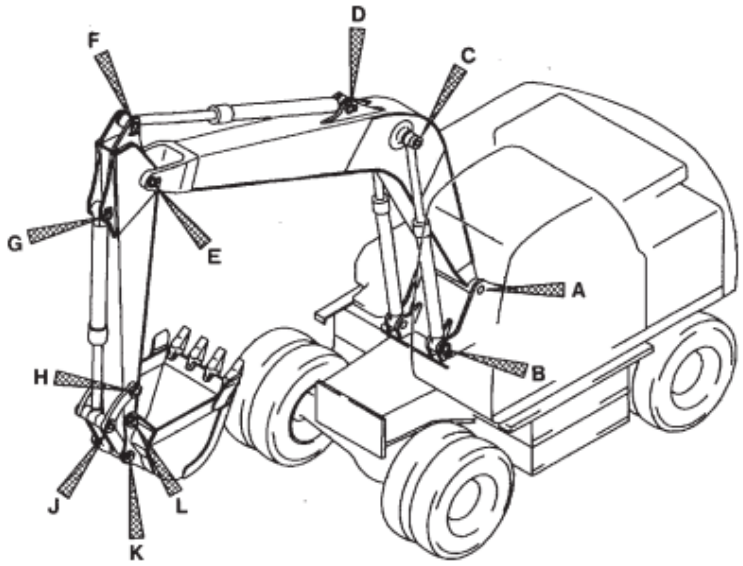


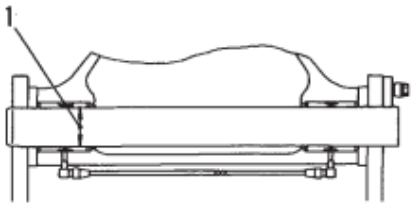
STEP 13
Remove the 1st stage sun gear.



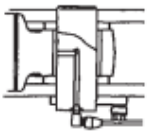
WORK EQUIPMENT - ONE PIECE BOOM

PW150ES-6K

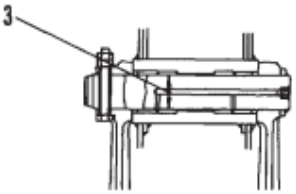




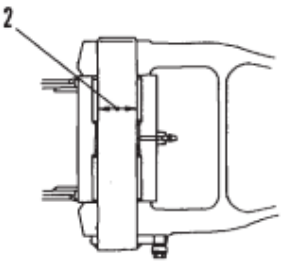
A – A



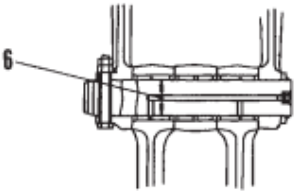
D – D



H – H



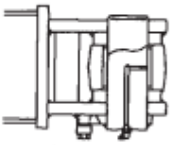
E – E



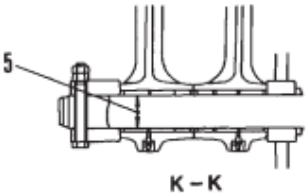
J – J



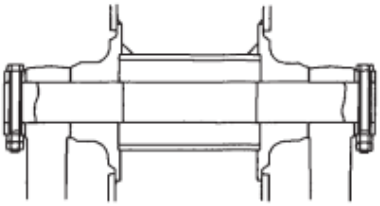
B – B



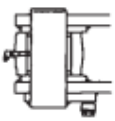
F – F



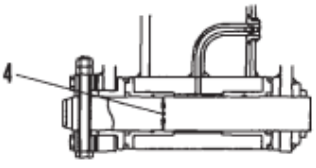
K – K



C – C

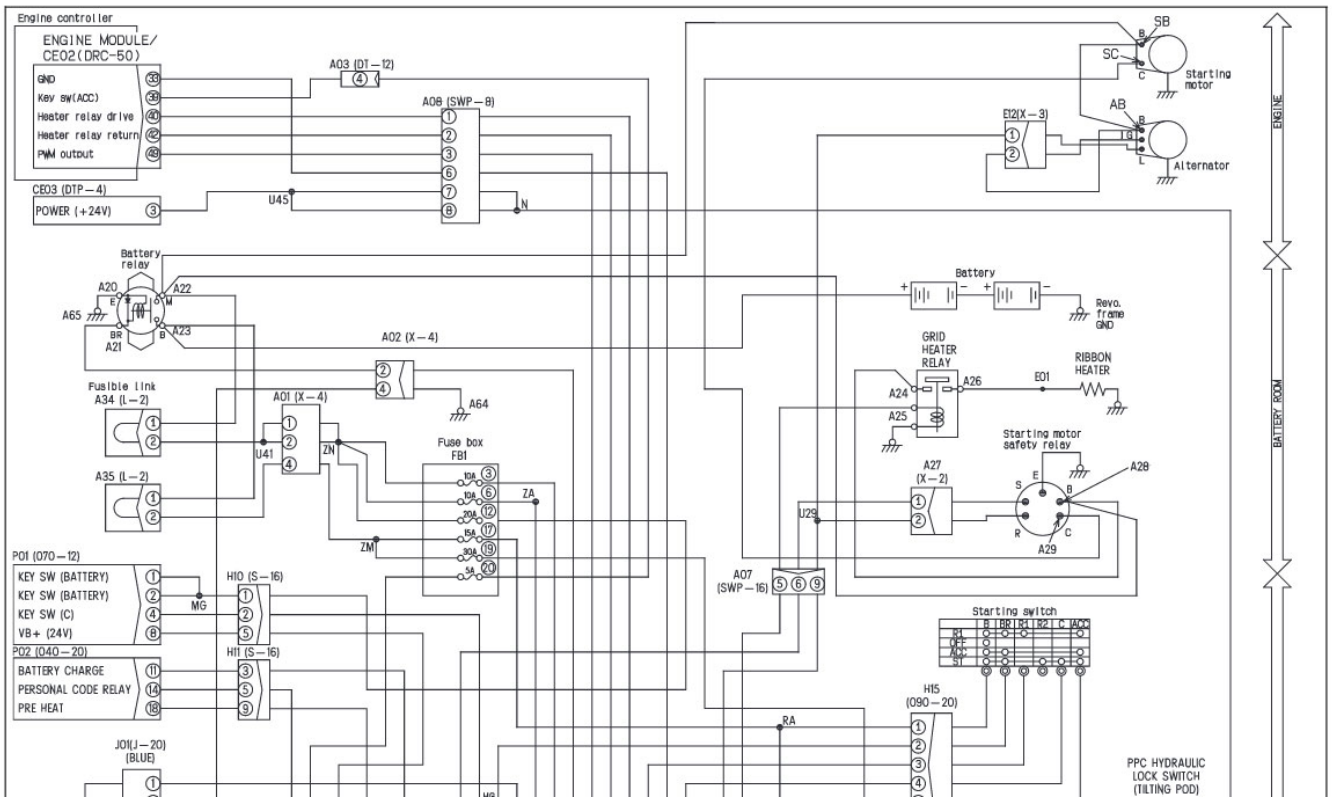


G – G



L – L

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



N·m **90 ± 3 Nm {9.2 ± 0.3 kgm}**

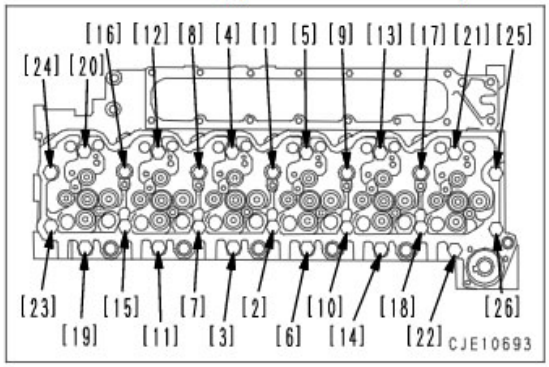
2] .

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

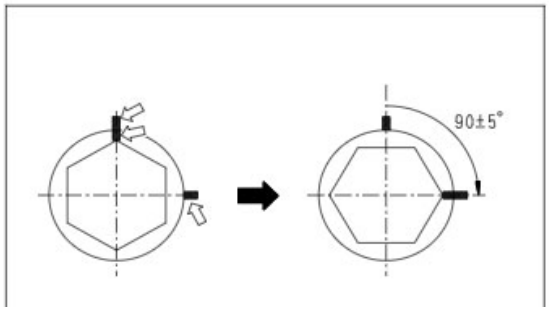
3]

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

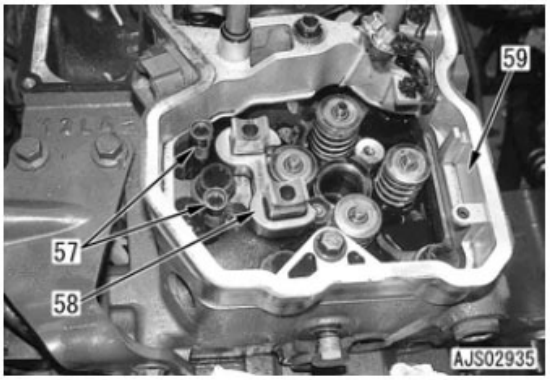
a Tool **A6**: wrench is adopted for angle tightening. (Refer to the tool list.) (Refer to the tool list.)



- 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).



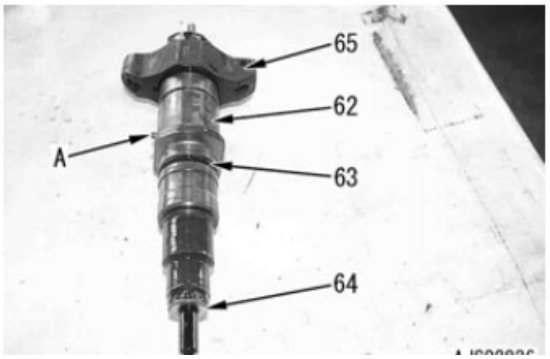
5. Fuel injector assembly
   - Check that there is no damage or dust on the fuel injector sleeve.

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).

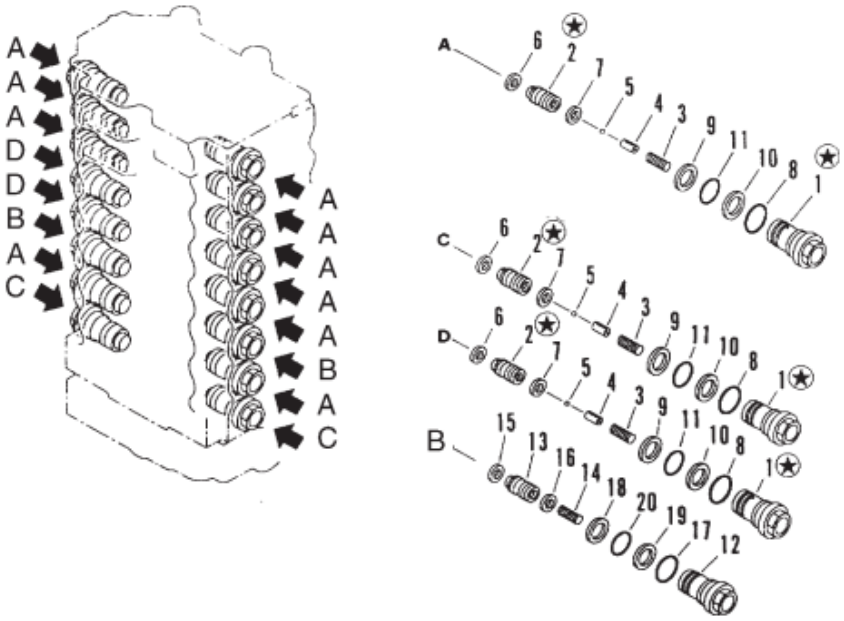
O-ring (63) and the head side of fuel injector (62): **engine oil (EO15W-40)**

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**

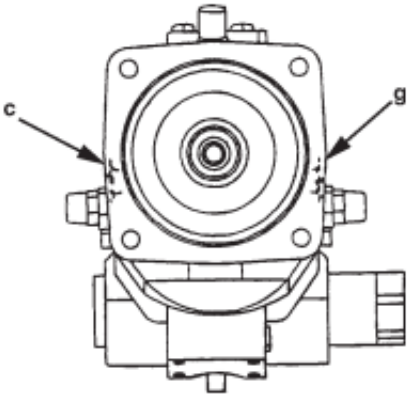
1. Remove piston (13) and spring (14) from sleeve (12).
2. Remove seals (15) and (16) from piston (13), then remove O-ring (17), seals (18) and (19), and O-ring (20) from sleeve (12).

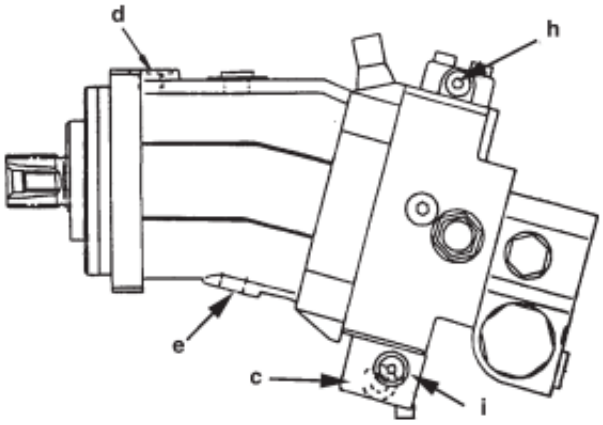
* After disassembling, if there is any abnormality in sleeve (12), piston (13), or seals (15) and (16), replace the whole pressure compensation valve assembly.

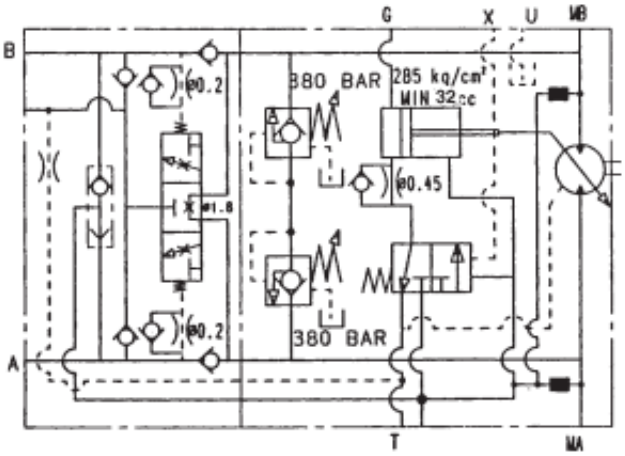
IDENTIFICATION OF PRESSURE COMPENSATION VALVE ASSEMBLY

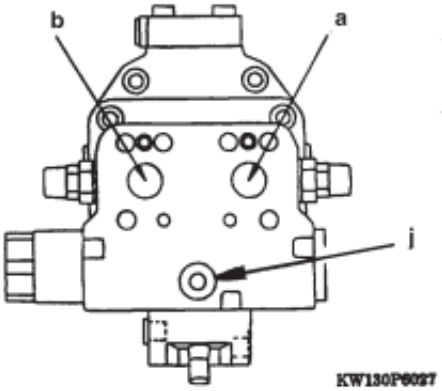
Valves are identified by markings on the valve assembly.

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









HYDRAULIC SCHEMATIC

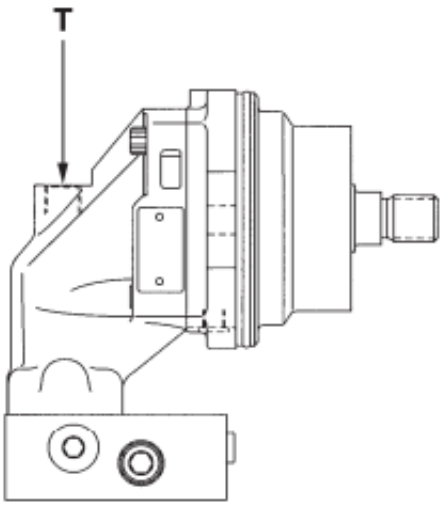
SPECIFICATIONS

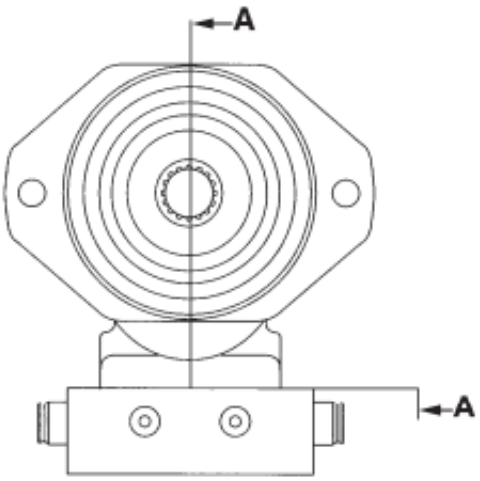
Type: Variable displacement piston motor

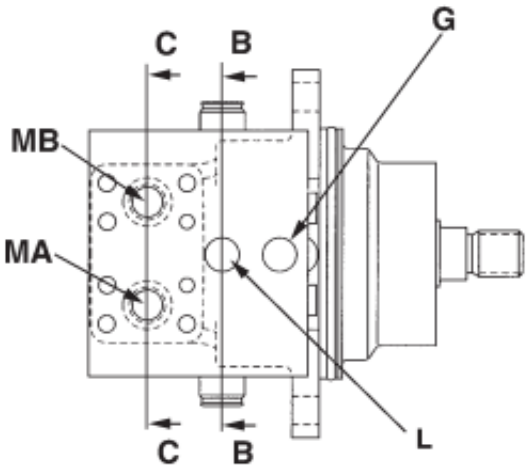
Theoretical delivery:	Min. 32 cc/rev
	Max. 80 cc/rev
Hi-Lo switching-pressure:	2.94 MPa (30 kg/cm²)
Rated speed:	4968 rpm. (Max)

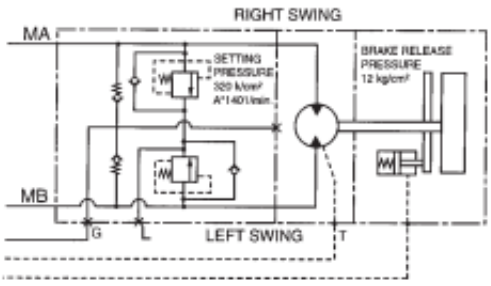
a. Motor inlet (A)
b. Motor outlet (B)
c. Override pressure port (X)
d. Drain port (U)
e. Drain port (T)
f. Pressure test port (MB)
g. Pressure test port (MA)
h. Pressure test port (M1)
i. Pressure test port (G)

SWING MOTOR





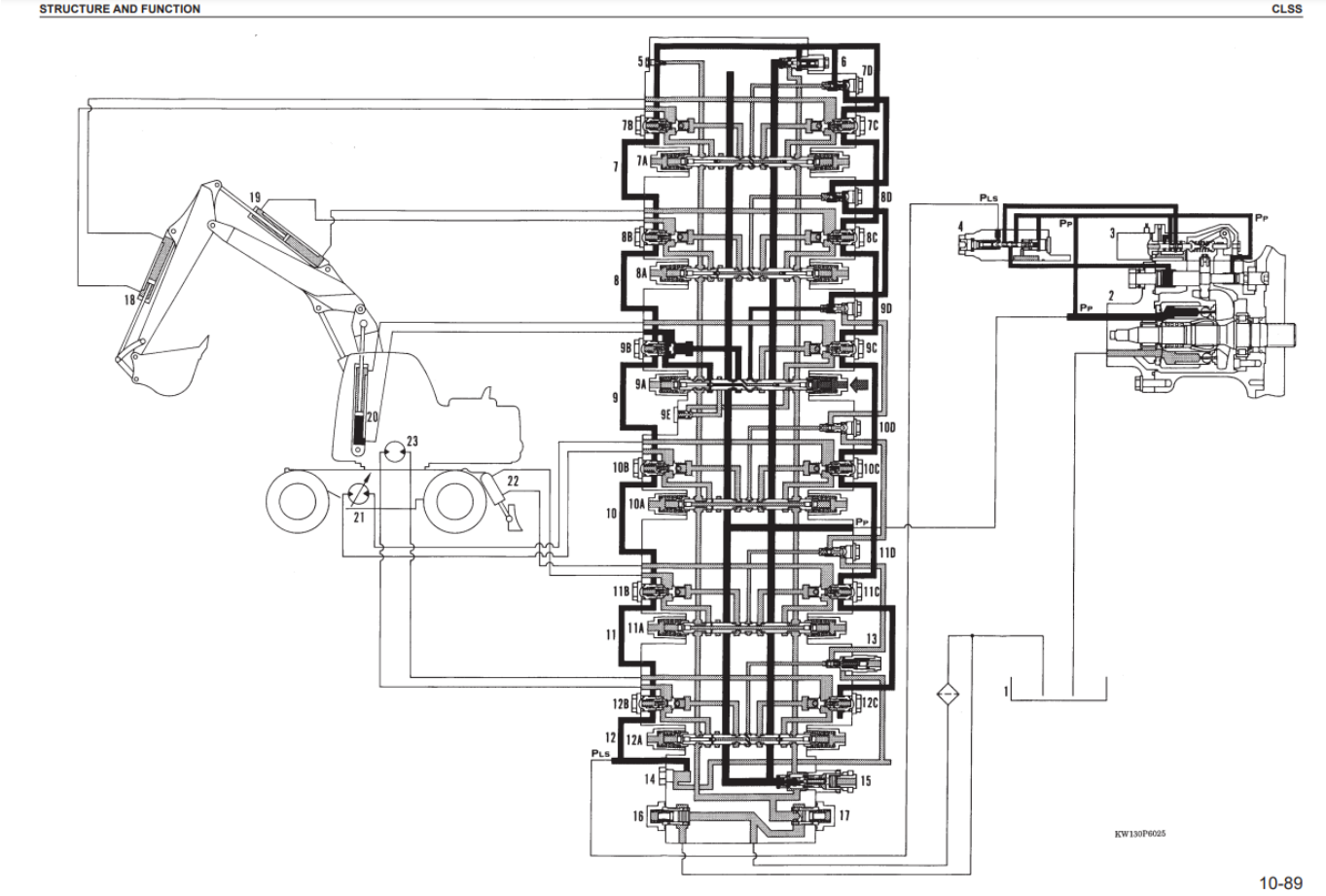




a. Port **G** (to control valve TSW port)
b. Port **MB** (from control valve)
c. Port **MA** (from control valve)
d. Port **T** (to tank)
e. Port **L** (plugged)

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 służą jako przykład, pochodzą z losowych instrukcji napraw do maszyn budowlanych marki Komatsu.

Format PDF

Język angielski

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