

Link do produktu: <https://www.specdiag.pl/doosan-instrukcje-napraw-schematy-zestaw-podrecznikow-serwisowych-dtr-p-1471.html>



Doosan - instrukcje napraw + schematy - zestaw podręczników serwisowych + DTR

Cena **1 400,00 zł**

Opis produktu

Doosan - instrukcje napraw + schematy + DTR

Zestaw instrukcji napraw i schematów do poniższych modeli maszyn marki Doosan



DL300 | Wheel Loader



Courtesy of Machine Market

7. Use a flat tipped punch to drive the spring pin back into the shaft, so that the shaft can be pulled out of the gear housing. Drive back the spring pins on the other two shafts.



Figure 7

8. Hold the planetary gear and thrust plate with one hand and slide the gear shaft out of the housing. Use this method to remove the two remaining gear shafts, gears, and thrust plates.

Use the punch to drive the spring pins out of the shafts. Use new spring pins when assembling the gearbox.



Figure 8

9. Sealant has been applied to the joint where the ring gear and the gear case meet. It will be necessary to pry the ring gear from the gear case, to separate the two parts.

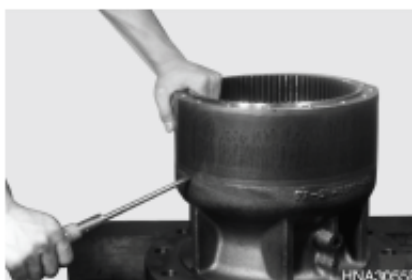


Figure 9

10. Use a screwdriver to pry the snap ring from the output side of the gear case.

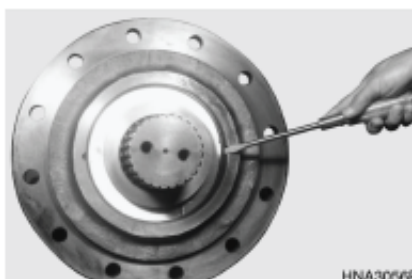


Figure 10

REASSEMBLY OF MOTOR

1. Reassembly of motor

- A. Remove retaining bolts of ring gear, wipe the motor assembly cleanly with cloth, and apply fluid gasket (#1104).



Figure 85

- B. Use hoist to lift the motor, clean reassembled parts, and install retaining ring (ø30, shaft ring, and C type) in the shaft.



Figure 86

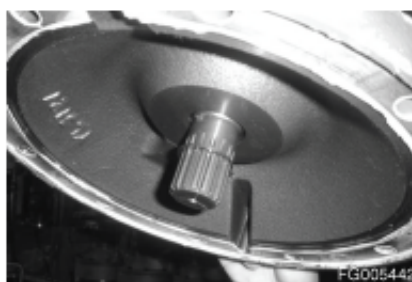


Figure 87

2. Install pin (451).



Figure 56

3. Install needle bearing (103) (if assembling it newly) if removed during disassembly.

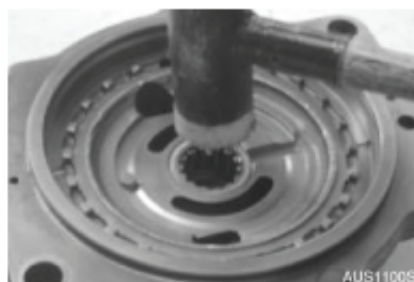


Figure 57

Assembly of Valve Casing Subassembly

1. Assemble seat (541), steel ball (543), stopper (542), and plug (569).

NOTE: Be careful of assembly direction of seat and stopper.

NOTE: Tightening torque for plug (569): 370kgf*cm.



Figure 58

2. Assemble counterbalance spool (360), washer (361), and counterbalance spring (362).

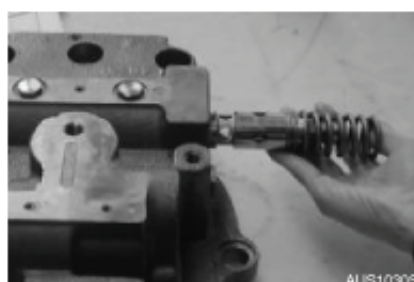


Figure 59

Installation Procedure

NOTE: Refer to Figure 5 for the installation procedure.

1. Install spring pin (1) and then insert (2) with bolt (3) into engine flywheel (4).

NOTE: Tighten the bolt using the torque T_a value specified in the table.

2. Install two spring pins (5) and then insert (6) bolt (8) in hub (7).

NOTE: Tighten the bolt using the torque T_a value specified in the table.

3. Install the flywheel cover in the main pump with bolts.

4. Connect hub (7) with pump shaft (9) as referred to as Measure H in Table 1 and attach position with screws (10).

NOTE: Tighten the screws using the torque T_b value specified in the table.

NOTE: Apply Loctite #262 to fixing screws (10).

5. Install element (11) between the engine flywheel (4) and the insert.
6. Install the main pump and hub (7) by gently pushing them with element (11).
7. Bolt down the flywheel cover and the pump housing on the flywheel housing.

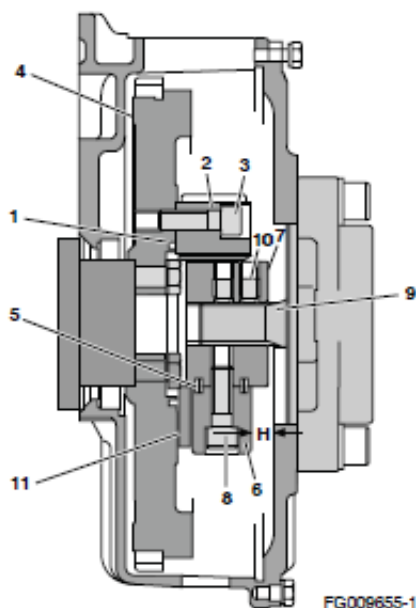


Figure 5

IMPORTANT

Apply the adhesive to bolts (3 and 8) to prevent the loosening of seals. Do not use additional adhesive nor any oil or cleaning solvent. As element (11) cannot resist adhesive, oil, and grease, take care not have it exposed to such materials.

Remove oil and dust on the flywheel cover and the pump shaft before assembly.

Adjust the arrangement allowance between the pump and the engine at below 0.6 mm (0.023 in).

Overload Relief Valve

Operation

1. The overload relief valve is between cylinder port (HP) and low-pressure oil passage (LP). Pressurized oil at cylinder port (HP), flows through an orifice in piston (C), to fill internal cavity (G). Due to the difference in area between (A and B) on which the hydraulic pressure acts, main poppet (D) seats on sleeve (K).

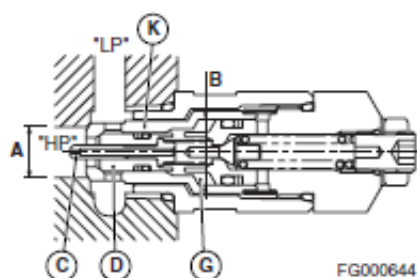


Figure 27

2. When pressure in cylinder port (HP) rises and exceeds the relief valve setting, pilot poppet (E) opens. Pressurized oil then flows through pilot poppet (E) into low-pressure oil passage (LP), passing through hole (H).

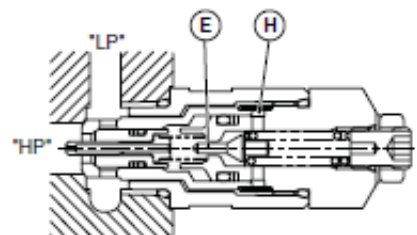


Figure 28

3. As pilot poppet (E) opens, pressurized oil flows through orifice (I) so that pressure on back of piston (C) lowers to move piston (C). As a result, piston (C) seats on pilot poppet (E).

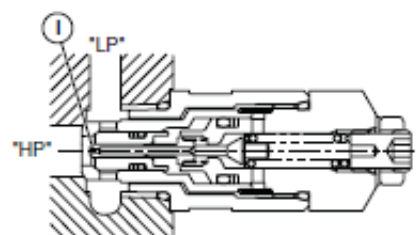


Figure 29

4. Pressurized oil in passage (HP) flows through orifice (F) in piston (C) so that pressure on back of main poppet (D) moves main poppet (D). Pressurized oil then flows into passage (HP) and directly into passage (LP).

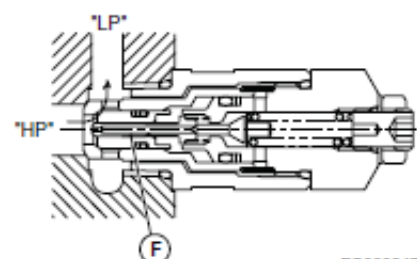


Figure 30

2-2 Hydraulic control valve

2-2.1 Remove the control valve.



- 1) Remove the centering control device on the control valve side of the HST pump.



- 2) Remove the control linkages on the valve spools.



- 3) Remove the tube assemblies and hose assemblies.

NOTE: It may be easier to break the hard lines loose at the first junction from the control valve, then remove them from the loader along with the control valve.



- 4) Remove the 3 bolts that mount the control valve to the frame and remove the control valve.

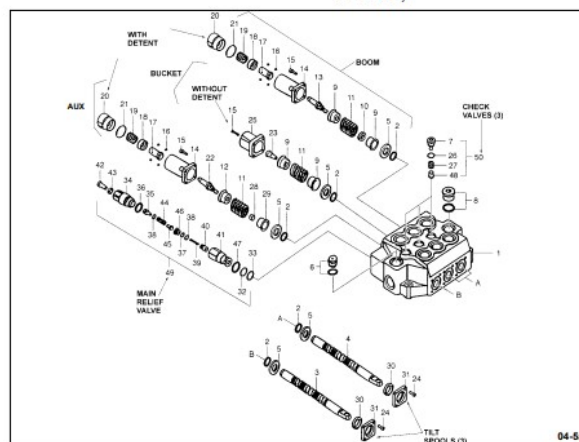
2-2.2 Disassemble and reassemble the control valve.

Refer to the control valve exploded view in your **DSL 601 Parts Manual** and the illustrations below.

Main Relief Valve: Removal and Disassembly

Main Relief Valve: Assembly and Installation

- 1) Lubricate all new o-rings and backup rings with clean oil.
- 2) Assemble the o-ring (43) and the seal nut (45) on the adjustment bolt (46) with the body (44).
- 3) Assemble the o-ring (37) with the ring (42) and insert into the valve body.



- 1) Locate the relief valve in the control valve. Remove any dirt and grease in the area before removing.
- 2) Unscrew the relief valve body assembly from the control valve assembly.
- 3) Remove and discard o-rings and backup rings. Take care not to nick or scratch the cartridge.
- 4) Loosen the seal nut and remove the adjustment bolt and seal nut. Loosen and remove the screw kit.
- 5) Clean the cartridge with a suitable solvent.
- 6) Inspect the cartridge for damage and replace if necessary.

- 4) Assemble the o-rings (33-31) and the backup ring (32) with the body (34). Insert the ring (35) and the spring (36).
- 5) Assemble the o-ring (37) and the backup ring (38) with the ring (39) and insert in the body (34).
- 6) Insert the pin (40), the spring (41) and install the body kit (44) into the body (34) and tighten to 40 N·m (30 ft.-lbs.).
- 7) Insert the cartridge into the control valve and tighten to 40 N·m (30 ft.-lbs.).
- 8) Adjust the maximum system pressure setting. (See procedure below in this section 2-3.4.)

2. Unscrew two allen-head hex head bolts from front seal cover plate (261). To separate cover plate from rest of assembly, screw 6 mm cap screws into threaded holes tapped into cover. Tighten all four cap screws in a slow, staggered tightening sequence, taking wrench off of each cap screw after just a fraction of a turn and proceeding to next - in regular rotation - until cover drops out.



Figure 20

3. Separate pump casing (271) from support plate (251) by tapping lightly with a plastic hammer. Be careful not to damage either mating surface or O-ring (717).



Figure 21

4. Withdraw drive shaft (111 and 113) on opposite sides of center valve block) from swash plate support and pull away valve plates (313 or 314).



Figure 22

5. Insert drive pinion into axle carrier, heat and install inner bearing race. See Figure 54.

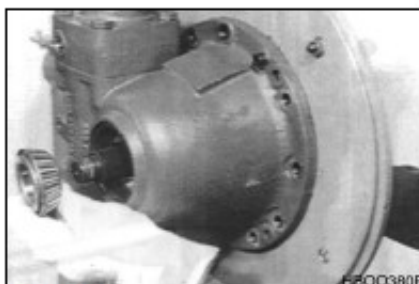


Figure 54

6. Cover outer diameter of shaft seal with sealing compound (Curial T) and install shaft using driver to ensure seal is installed to correct depth. See Figure 55.

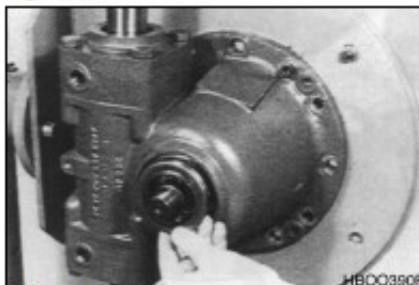


Figure 55

7. Install hex head screws into drive flange and press dust plate over drive flange collar. See Figure 56.

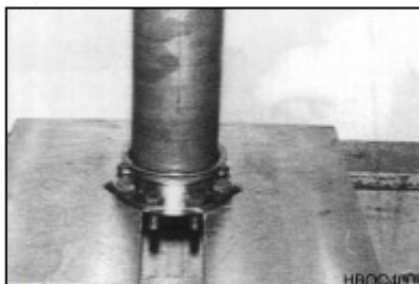


Figure 56

8. Install drive flange. See Figure 57.

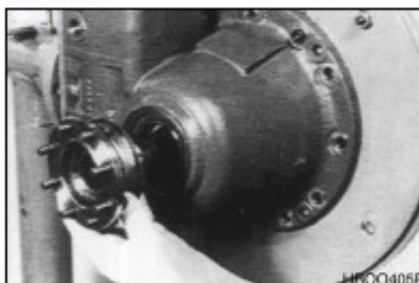
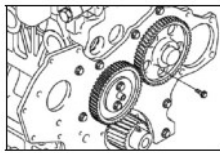
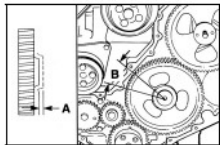


Figure 57

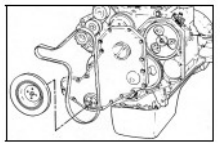


Install the thrust washer capscrews and tighten to 25.5Nm [19 ft-lbs].



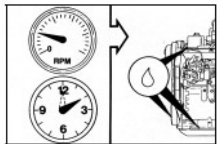
Verify the camshaft has proper back lash and end play.

A = 0.07 to 0.15 mm [0.0027 to 0.0059 in]
B = 0.05 to 0.25 mm [0.002 to 0.0098 inch]



Complete the installation of the removed parts.

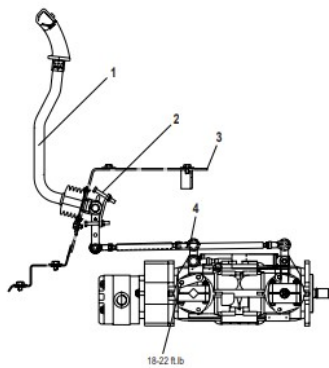
- Gear cover
- Vibration damper
- Rocker levers and valve cover
- Lift pump



Operate the engine at idle for 5 to 10 minutes and check for leaks and loose parts.



Drive Control System



IGAT034I

Neutral Adjusting of Linkage

- 1) Set drive lever (1) should have a perpendicular on the upper plate with the related assembly parts.
- 2) Adjust rod ass'y (4) to reach the neutral locations of HST control shaft.
- 3) To get the straight travel, adjust the length of bolts (2) as to contact with the uppler plate (3).

Gear Housing or Gasket – Replacement

Preparatory Step:

- Remove the v-pulley.
- Remove the gear driven accessory drive if the engine is so equipped.



12mm
Remove the gear housing and gasket.



Clean the gasket material from the cylinder block.



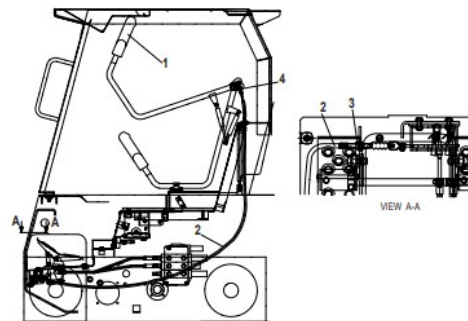
12mm
Caution: If a new housing or other than the original housing is installed, the timing pin assembly must be accurately located.

Install a new gasket and gear housing.

Torque Value: 25.5Nm [19 ft-lbs]



Hydraulic Control System



IGAT035I

Adjustment Procedure

- 1) Raise the seatbar (1).
- 2) Adjust cable (2) location by nuts (3) in order to get the pedals should be locked.
- 3) Assemble the cable (3) on the seat bar (1) using the yoke (4).
- 4) Check whether pedals can be movable when the seatbar is down.

Preassemble Axle Housim

1. Legend on Figure 124 - Figure 128

Reference Number	Description
1	Axle Housing
2	Bushing (Observe Installation Position)
3	Seal Ring (Observe Installation Position)
4	Bearing Outer Rings (Pivot Bearing)
X	Oil Chamber Side

Bushing - lubrication groove outlet installed in 6 o'clock position (referred to the axle mounted in the vehicle).

2. Flush-mount bushing in the axle housing hole, considering the installation position (see detailed sketch).

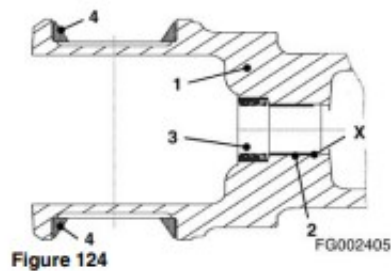


Figure 124



Figure 125

Detailed sketch - 90° offset:

Reference Number	Description
1	Axle Housing
2	Bushing
X	Oil Chamber Side Observe Installation Position of Bushing

lubrication groove outlet in 6 o'clock position (referred to axle mounted in vehicle).

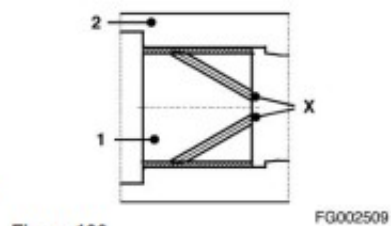


Figure 126

3. Flush-mount seal ring (item 3 - See Figure 124) into axle housing hole, with seal lip showing to oil chamber.

! CAUTION!

Contact face (outer diameter) of seal ring:

- Wet it with spirit (assembly aid) if rubber-coated
- Apply sealing agent (Loctite no. 574) if made of metal

Apply grease on seal and dust lip of the seal ring.



Figure 127

Work Levers (Joysticks) (ISO Style)

WARNING

Check surrounding area before swinging. When operating a lever while in auto idle, do it carefully, because the engine speed will increase rapidly

NOTE: When starting work, move joysticks slowly and check movement of swing and front attachment and dozer.

This equipment is manufactured using the lever configuration described in ISO standards. Do not change valving, hoses, etc., that would change this standard. The boom, arm and bucket movements, and swing direction of work levers (joysticks) are as follows:

Left-hand Work Lever (Joystick) (Figure 47 and Figure 49)

1. Arm dump
2. Arm crowd
3. Left swing
4. Right swing

NOTE: The swing brake is spring applied and hydraulically released. It is always engaged when the work lever (joystick) is in "NEUTRAL" or the engine is shut down.

NOTE: The following is not a mechanical malfunction but a proper phenomenon of the excavator. When operating the arm, it may stop momentarily. When the arm is operated, the weight of the arm may cause it to move faster than the amount of oil being supplied. In some cases while swinging or moving, the relief valves may make some noise. This is normal and does not affect the performance of the equipment.

Right-hand Work Lever (Joystick) (Figure 47 and Figure 49)

5. Boom down
6. Boom up
7. Bucket crowd
8. Bucket dump

NOTE: Even after stopping the engine, the front can be lowered to the ground by operating joystick. Set safety lever on "UNLOCK" position and turn starter switch "ON".

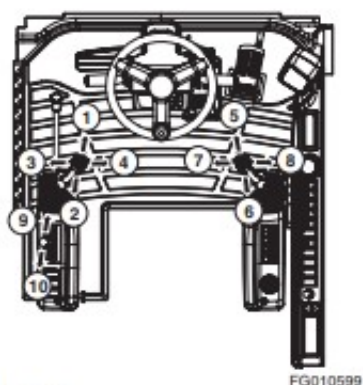


Figure 47



FG002669

150 HOUR SERVICE

Perform All 10 Hour / Daily and 50 Hour Service Checks

Drain and Refill Transmission Fluid

1. The transmission fluid should be drained and refilled after the first 150 hours of operation and at every 1,000 hours thereafter. (See page 4-47)

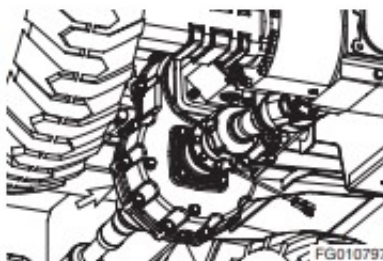


Figure 40

Drain and Refill Hub Reduction Gear Oil

1. The hub reduction gear oil should be drained and refilled after the first 150 hours of operation or rebuild, and every 1,000 hours thereafter. (See page 4-49)

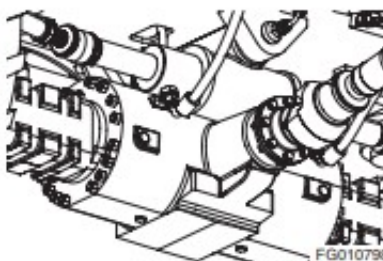


Figure 41

Drain and Refill Front Axle Case Oil

1. The rear axle case oil should be drained and refilled after the first 150 hours of operation or rebuild, and every 1,000 hours thereafter. (See page 4-47)

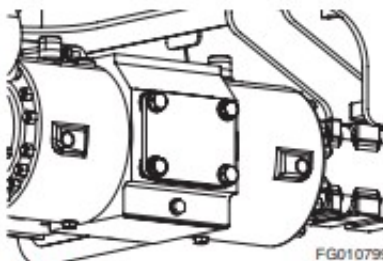
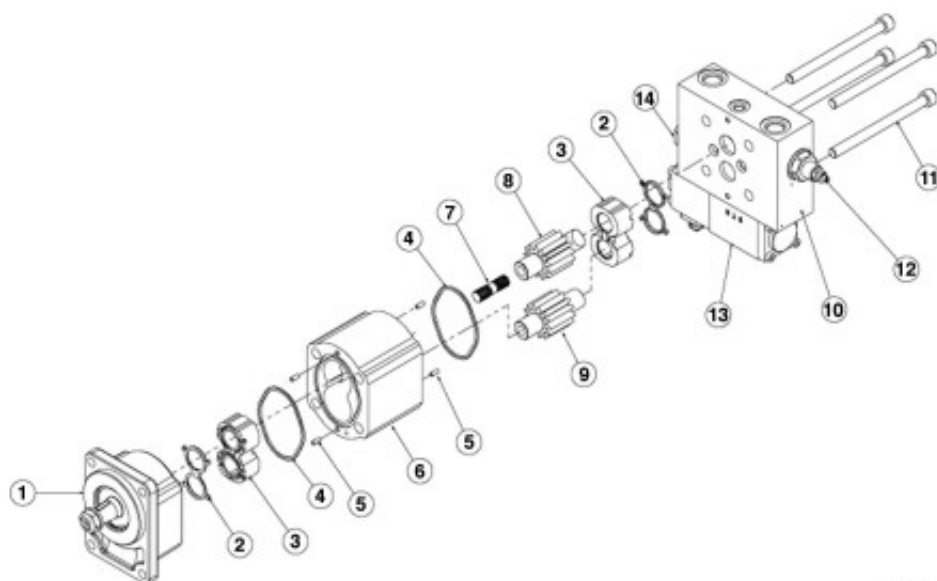


Figure 42

Drain and Refill Rear Axle Case Oil

The rear axle case oil should be drained and refilled after the first 150 hours of operation or rebuild, and every 1,000 hours thereafter. (See page 4-48)



FG004253

Figure 12

Reference Number	Description	Qty.
1	Front Bearing	1
2	Seal	2
3	Bearing Block	2
4	O-ring	2
5	Dowel Pin	4
6	Gear Housing	1
7	Coupling	1
8	Drive Gear	1

Reference Number	Description	Qty.
9	Idler Gear	1
10	Valve Cover	1
11	Bolt	4
12	Relief Valve Cartridge	1
13	Solenoid Operated Spool Valve	1
14	Check Valve Cartridge	1

6. Press off crown wheel from differential housing.



Figure 127

Disassembly of Drive Pinion

1. Heat slotted nut using hot air blower (S).
(S) Hot air blower 230 V 5870 221 500
(S) Hot air blower 115 V 5870 221 501
NOTE: *Slotted nut is locked with Loctite #262.*

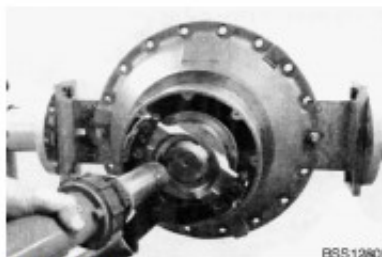


Figure 128

2. Remove slotted nut and washer.
(S) Slotted nut wrench 5870 401 139
(S) Fixture 5870 240 002

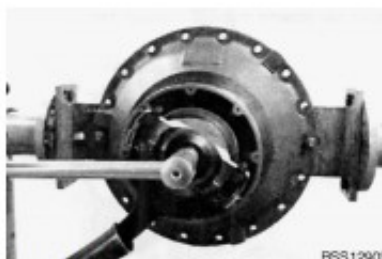


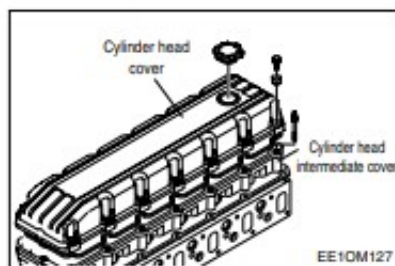
Figure 129

3. Remove input flange from drive pinion.



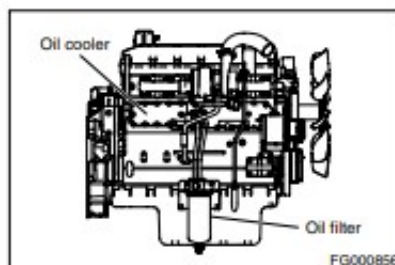
Figure 130

- Refill with new engine oil at the oil filler neck on the head cover and the lubricating oil in accordance with the oil capacity of the engine through oil filler.
- Be careful about the mixing of dust or contaminator during the supplement of oil. Then confirm that oil level gauge indicates the vicinity of its maximum level.
- For a few minutes, operate the engine at idling in order to circulate oil through lubrication system.
- Thereafter shut down the engine. After waiting for about 10 minutes measure the quantity of oil and refill the additional oil if necessary.



4.6.5. Replacement of oil filter cartridge

- At the same times of oil exchanges, replace the oil filter cartridge.



CAUTION:

Don't forget tightening the drain plug after having drained engine oil.

- Loosen the oil filter by turning it counter-clockwise with a filter wrench.
- With a rag wipe clean the fitting face of the filter head and the oil filter cartridge so that new oil filter cartridge can be seated properly.
- Lightly apply oil the O-ring and turn the oil filter until sealing face is fitted against the O-ring. Turn 3/4 ~ 1 turns further with the filter wrench.



CAUTION:

It is strongly advisable to use DOOSAN's genuine oil filter cartridge for replacement

Opis:

Rozmiar: 23.7 Gb

Type: Workshop manual, wiring diagram, maintenance manual, parts manuals for Doosan Equipment

Język: Angielski

SO: Win 10, Win 8, Win 7, Win Vista, Win XP

Format: PDF

List modeli:

DX_15-DX_18_(K1043970AE)
DX_27Z_(K1025197E)

DX_30Z_(K1036951E)
DX_35Z_(K1025197E)
DX_60R_(K1042957E)
DX_80R_(K1044971E)
DX19
DX27Z
DX55
DX60R
DX62R-3
DX63R
DX80R
DX85R-3
DX140_(K1034080E)
DX140LC-3
DX140LC-5
DX140LCR
DX140LCR-3
DX140W
DX140W-DX160W_(K1024899E)
DX160LC-3
DX170W_(K1042891E)
DX180_(K1024431E)
DX180LC-3
DX190W_(K1024513AE)
DX210K
DX210W_(K1017314AE)
DX225LC
DX225LC sn 5433 - up
DX225LC-3
DX225LC-5
DX225N_(K1024241E)
DX225NLC
DX230LC
DX235LCR
DX235LCR_(950106-00081E)
DX235LCR-5
DX235N_(950106-00303)
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DX300LC-5
DX300LCA
DX300LL
DX340LC
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DX340LC-5
DX340LC-5 DX380LC-5 Troubleshooting Manual
DX340LCA
DX350LC
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DX380LC-3
DX380LC-5
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DX420LC-5
DX480LC
DX480LC sn 5221 - up
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DX490LC-3
DX490LC-5
DX500LCA
DX520LC
DX530LC-3

DX530LC-5
DX700_(950106-00013E)
ENGINE
M160 _ 160TC
M200
M200-3
M200-V
M250-3 ZF 1
M250-V
M300
M300-III
M300-V
M400-III
M400-V
M500-V
S010
S015 PLUS
S018VT
S030
S030 PLUS
S55-V PLUS
S75-V
S130LC-V
S140LC-V
S170-3 ELEC
S170-3 ENGINE
S170LC-V
S175LC-V
S180W-V
S200W-V
S210W-V
S220
S220LC-3
S220LC-6
S220LC-V
S220LL
S225LC-V
S225LL
S225NLC-V
S250LC-V
S255LC-V
S290LC-V
S290LL
S300LC-V
S300LL
S330LC-3
S330LC-V
S340LC-V
S400LC-V
S420LC-V
S450LC-V
S470LC-V
DL160
DL200-3
DL200-5USA
DL200
DL220
DL250-3
DL250-5USA
DL250
DL250A
DL300-3
DL300-5
DL300
DL300A
DL350-5
DL350
DL400
DL400FL & DL420

DL420-3
DL420-5
DL420
DL420A
DL450-3
DL450-5
DL450
DL500
DL550-3
DL550-5
DL550A
M160&160TC
M200-3
M200-V
M200
M250-3 ZF1
M250-3 ZF2
M250-V OUDER TYPE
M250-V
M300-3
M400& ENGINE
M400-3P
M400-V FL
M400-V
M500-V
SD200
SD300
Doosan DX140W,DX160W Operation and Maintenance Manual
Doosan Operation and Maintenance Manual Diesel Engine DB58, DB58S, DB58T ,DB58TI , DB58TIS
Entry Level 1_ Basic Engine
Entry Level 1_ Fundamentals of Hydraulic
Electrical Circuits - Hydraulic Circuits All model Doosan
Doosan Common Rail Engines DL06,DL08 & DV11 Service Training
DOOSAN CRAWLER EXCAVATOR DX140LC SHOP MANUAL_(K1034080E)
DOOSAN CRAWLER EXCAVATOR DX170W SHOP MANUAL_(K1042891E)
DOOSAN CRAWLER EXCAVATOR DX235LCR SHOP MANUAL_(950106-00081E)
DOOSAN CRAWLER EXCAVATOR DX235NLC SHOP MANUAL_(950106-00303)
DOOSAN CRAWLER EXCAVATOR DX255LC SHOP MANUAL_(K1016585E)
DOOSAN CRAWLER EXCAVATOR DX700LC SHOP MANUAL_(950106-00013E)
Doosan DA30 Articulated Dump Truck
Doosan Diesel Engine DV11 2006 Service Manual
Doosan Diesel Engine Service Manual B3.3
Doosan DL08 Diesel Engine for Industrial Operation and Maintenance Manual
Doosan DL500 Operation and Maintenance Manual
Doosan Dump Truck DA30 Shop Manual
Doosan Dump Truck DA30-5 Shop Manual
Doosan Dump Truck DA40 Shop Manual
Doosan Dump Truck DA40-5 Shop Manual
Doosan Dump Truck MT25 Shop Manual
Doosan Dump Truck MT26 Shop Manual
Doosan Dump Truck MT30S - MT30 Shop Manual
Doosan Dump Truck MT31 Shop Manual
Doosan Dump Truck MT36 Shop Manual
Doosan Dump Truck MT40 Shop Manual
Doosan Dump Truck MT40B Shop Manual
Doosan Dump Truck MT41 Shop Manual
DOOSAN DX27Z Mini Excavator Parts Manual
DOOSAN DX35Z Mini Excavator Parts Manual
DOOSAN DX55 Mini Excavator Parts Manual
DOOSAN DX140W DX160W Excavator Parts Manual
Doosan DX140W,DX160W Shop Manual
DOOSAN DX160LC Excavator Parts Manual
DOOSAN DX190W Excavator Parts Manual
Doosan DX190W Shop Manual
Doosan DX210W Shop Manual
DOOSAN DX225LC Excavator Parts Manual
DOOSAN DX255LC Excavator Parts Manual
Doosan DX340 Hydraulic Schematic
Doosan Engine D18NAP Operation & Maintenance Manual

DOOSAN ENGINE D18NAP OPERATION AND MAINTENANCE MANUAL
Doosan Engine D24NAP Operation & Maintenance Manual
DOOSAN ENGINE D24NAP OPERATION AND MAINTENANCE MANUAL
Doosan Engine D34NAP SCR Operation & Maintenance Manual
Doosan Engine D1146 Maintenance Manual
Doosan Engine D2366T Service Manual
Doosan Engine DB58 Engine Specs & Injection Pump Datas
Doosan Engine DB58 Operation & Maintenance Manual Updated
Doosan Engine DB58 Operation & Maintenance Manual
Doosan Engine DB58 Tier-II Operation & Maintenance Manual
Doosan Engine DE 12 Maintenance manual
Doosan Engine DE08 Engine specs & Injection pump datas
Doosan Engine DE08 Maintenance Manual
Doosan Engine DE12 Engine operation manual DE12T
Doosan Engine DE12 Engine operation manual
Doosan Engine DE12 Engine specs & Injection pump datas
Doosan Engine DE12 maintenance manual Tier-II
Doosan Engine DE12 Operation & Maintenance Manual 2012.06.05
Doosan Engine DE12 Operation & Maintenance Manual 2012.07.05
Doosan Engine DL06 Operation & Maintenance Manual
DOOSAN ENGINE DL06, DL08, DV11 TRAINING MANUAL
Doosan Engine DL06C Operation & Maintenance Manual
Doosan Engine DL06K Tier4i Operation & Maintenance Manual
Doosan Engine DL06P Tier4 final Operation & Maintenance Manual
Doosan Engine DL08 Maintenance Manual
Doosan Engine DL08 Tier4i Operation & Maintenance Manual
Doosan Engine DL08C Maintenance Manual
Doosan Engine DL08K Operation & Maintenance Manual
Doosan Engine DV11 Maintenance Manual
Doosan Engine DV15 Generator Operation & Maintenance Manual
Doosan Engine DV15 Maintenance Manual
Doosan Engine DV15 Tier-II Maintenance Manual
Doosan Engine Tier-4 Final Service Training
DOOSAN ENGINE TIER4 TRAINING MANUAL 3 Engine DX serie SCR training
DOOSAN ENGINE TIER4-i TRAINING MANUAL
DOOSAN EXCAVATOR DX60R SHOP MANUAL (K1042957E)
DOOSAN EXCAVATOR DX80R SHOP MANUAL
Doosan Forklift Electric Schematic
Doosan Forklift Hydraulic Schematic
Doosan Forklift Power Train Disassembly & Assembly
Doosan Forklift Power Train Specification System Operation Testing & Adjusting
Doosan Forklift Service Manual G420FE LPDual Fuel Engine G420F LPGasoline Dual Fuel Engine
Doosan Forklift Service Manual G424FE LPDual Fuel Engine G424F LP Engine
Doosan Forklift Vehicle System Disassembly & Assembly
Doosan Forklift Vehicle System Specification System Operation Testing & Adjusting
Doosan G420EG424E Tier LP Engine Lift Trucks Service Manual
Doosan Hydraulic and Electrical Schematics All Models
DOOSAN Lift Trucks Model G35S-2, G40S-2, G45S-2, G50C-2, G40SC-2, G45SC-2 Parts Book
DOOSAN M300-III WHEEL LOADER SHOP MANUAL
DOOSAN M500-V WHEEL LOADER SHOP MANUAL
DOOSAN MINI EXCAVATOR DX15 DX18 SHOP MANUAL
DOOSAN MINI EXCAVATOR DX27Z SHOP MANUAL_(K1025197E)
DOOSAN MINI EXCAVATOR DX35Z SHOP MANUAL
DOOSAN MINI EXCAVATOR DX35Z SHOP MANUAL_(K1025197E)
Doosan Rexroth Pump Service
DOOSAN SD200 WHEEL LOADER SHOP MANUAL
DOOSAN SD300 WHEEL LOADER SHOP MANUAL
Doosan Shop Manual MOXY DA30-5
Doosan Shop Manual MOXY MT25
DOOSAN Solar 035 Excavator Parts Manual
DOOSAN Solar 340LC-V Excavator Parts Manual
DOOSAN Solar 470LC-V Excavator Parts Manual
Doosan TIER 4I Engine Service Training (120425)
Doosan Wheel Loader DL160_Shop Manual (K1040197E)
Doosan Wheel Loader DL200_Shop Manual (K1024538E)
Doosan Wheel Loader DL250_Shop Manual (K1023773E)
Doosan Wheel Loader DL300_Shop Manual (K1010636E)
Doosan Wheel Loader DL350_Shop Manual (K1046897E)
Doosan Wheel Loader DL400_Shop Manual (K1010635E)

Doosan Wheel Loader DL420_Shop Manual (950106-00009E)
Doosan Wheel Loader DL450_Shop Manual (K1039661E)
Doosan Wheel Loader DL500_Shop Manual (K1010637E)
Test and Adjusting DX Model
DX_55_(K1038080E)
DX180_(K1024431E)
DX225N_(K1024241E)
DX300LC-SHOP MANUAL
Main Pump Toshiba SL170LC-V,S170W-V
Performance Data Alle Doosan Model

Wiring diagram:

DUMPER

MT25 hydr
MT26 hydr
MT31 hydr
MT36 hydr
MT41 hydr

CRAWLED EXCAVATOR

DH320LC elec sn 6- 10
DH320LC elec sn 11 - 205
DH320LC elec sn 206 - 361
DH320LC elec sn 362 - up
DH320LC hydr sn 1 - 361
DH320LC hydr sn 362 - up
DX15-18 elec
DX15-18 hydr vaste rups
DX15-18 hydr verstelbare rups
DX27Z elec
DX27Z hydr
DX30Z elec
DX30Z hydr
DX35Z elec
DX35Z hydr
DX55 elec changes to rack actuator line
DX55 elec
DX55 hydr
DX60R elec changes to rack actuator line
DX60R elec
DX60R hydr
DX80R elec changes to rack actuator line
DX80R elec
DX80R hydr
DX85R-3 elec sn 1019 - up
DX85R-3 hydr
DX140LC elec
DX140LC hydr
DX140LC-3 elec 2012.7.11
DX140LC-3 elec 2012.9.3
DX140LC-3 elec 2012.10.15
DX140LC-3 hydr
DX140LC-5 elec
DX140LC-5 hydr
DX140LCR elec 2010.12.13
DX140LCR elec 2011.06.14
DX140LCR hydr
DX140LCR-3 elec
DX140LCR-3 hydr
DX140LCR-5 elec
DX140LCR-5 hydr
DX160LC-3 elec
DX180LC elec 2009.9.17
DX180LC elec U14-25
DX180LC hydr
DX180LC-3 elec ROPS
DX180LC-3 elec
DX180LC-3 hydr ouder
DX180LC-3 hydr

DX180LC-5 elec
DX180LC-5 hydr
DX225LC elec 7 monitor
DX225LC elec
DX225LC elec2
DX225LC hydr 7 monitor
DX225LC hydr
DX225LC-3 elec 2012.7.11
DX225LC-3 elec 2012.9.3 ROPS
DX225LC-3 elec 2012.10.15
DX225LC-3 hydr 2012.7.11
DX225LC-3 hydr 2012.10.16
DX225LC-5 elec
DX225LC-5 hydr
DX225LCA elec 110705 -
DX225LCA elec
DX225LCA hydr
DX225LL elec
DX225LL hydr
DX235LCR elec 2010.04.23
DX235LCR elec 2011.06.14
DX235LCR hydr
DX235LCR-5 elec
DX235LCR-5 hydr
DX255LC elec
DX255LC elec2
DX255LC hydr
DX255LC-3 elec 2012.7.11
DX255LC-3 elec 2012.9.3 ROPS
DX255LC-3 elec 2012.10.15
DX255LC-3 hydr 2012.7.11
DX255LC-3 hydr 2012.10.16
DX255LC-5 elec
DX255LC-5 hydr
DX300LC elec 7 monitor sn 7448 - up
DX300LC elec NON ROPS
DX300LC elec ROPS
DX300LC elec
DX300LC hydr 7 monitor sn 7448 - up
DX300LC hydr
DX300LC-3 elec
DX300LC-3 hydr 2012.08.06
DX300LC-3 hydr 2012.10.16
DX300LC-5 elec
DX300LC-5 hydr
DX300LCA elec
DX300LCA hydr
DX300LL elec
DX300LL hydr
DX340LC elec 7 monitor sn 5975 -up
DX340LC elec NON ROPS
DX340LC elec ROPS
DX340LC elec
DX340LC hydr 7 monitor sn 5975 - up
DX340LC hydr
DX340LC-3 elec
DX340LC-3 hydr 2012.7.11
DX340LC-3 hydr 2012.10.16
DX340LC-5 elec
DX340LC-5 hydr
DX340LCA elec
DX340LCA hydr
DX350LC elec NON ROPS
DX350LC elec ROPS
DX350LC elec
DX350LC hydr
DX350LC-3 elec
DX380LC elec NON ROPS
DX380LC elec ROPS

DX380LC elec
DX380LC hydr
DX380LC-3 elec 2012.07.11
DX380LC-3 elec 2012.10.15
DX380LC-3 elec auxiliary mode
DX380LC-3 hydr 2012.7.11
DX380LC-3 hydr
DX380LC-5 elec
DX380LC-5 hydr
DX420LC elec 7 monitor sn 5327 - up
DX420LC elec NON ROPS
DX420LC elec ROPS
DX420LC elec1
DX420LC elec2
DX420LC hydr 7 monitor sn 5327 - up
DX420LC hydr
DX420LC-3 elec 2012.7.11
DX420LC-3 elec 2012.10.16
DX420LC-3 hydr
DX480LC elec NON ROPS
DX480LC elec ROPS
DX480LC elec sn 5221 - up
DX480LC elec1
DX480LC elec2
DX480LC hydr sn 5221 - up
DX480LC hydr
DX480LC-3 elec
DX480LC-3 hydr
DX490LC-3 elec
DX490LC-3 hydr
DX490LC-5 elec
DX490LC-5 hydr
DX530LC-3 elec
DX530LC-3 hydr
DX530LC-5 elec
DX530LC-5 hydr
DX700LC elec 2010.04.09
DX700LC elec 2011.06.14
DX700LC hydr
S010 elec
S010 hydr
S015 elec
S015 hydr
S015P elec
S015P hydr
S018VT elec
S018VT hydr
S030 elec
S030 hydr
S030P elec Tier-I
S030P elec Tier-II
S030P hydr
S035 elec Tier-I
S035 elec Tier-II
S035 hydr
S55-V elec
S55-V hydr
S55-VP elec Tier-I
S55-VP elec Tier-II
S55-VP hydr OPT
S55-VP hydr STD
S75-V elec 2010.02.18
S75-V elec sn 1154 - up
S75-V elec
S75-V hydr OPT
S75-V hydr
S80G elec
S80G hydr
S130LC-3 elec

S130LC-3 hydr
S130LC-V elec
S130LC-V hydr
S140LC-V elec sn 1095 - up
S140LC-V elec
S140LC-V hydr
S150LC-7A elec
S150LC-7A hydr
S170-V elec
S170-V hydr
S175LC-V elec
S175LC-V hydr
S220LC-3 elec
S220LC-3 hydr
S220LC-V elec sn 2442 - up
S220LC-V elec
S220LC-V hydr
S220LL elec
S220LL hydr
S225LC-V elec sn 1300 - up
S225LC-V elec
S225LC-V hydr
S225NLC-V elec sn 1104 - up
S225NLC-V elec
S225NLC-V hydr
S250LC-V hydr
S255LC-V elec sn 1205 - up
S255LC-V elec
S255LC-V hydr
S280LC-3 elec
S280LC-3 hydr
S290LC-V elec sn 2154 - up
S290LC-V elec
S290LC-V hydr
S290LL hydr
S300LC-V elec sn 2430 - up
S300LC-V elec
S300LC-V hydr
S330LC-3 elec
S330LC-3 hydr
S330LC-V elec
S330LC-V hydr
S340LC-V elec sn 1340 - up
S340LC-V elec
S340LC-V hydr
S400LC-3 elec
S400LC-3 hydr
S400LC-V elec
S400LC-V hydr
S420LC-V elec sn 1163 - up
S420LC-V elec
S420LC-V hydr
S450LC-3 elec
S450LC-3 hydr
S450-V elec
S450-V hydr
S470LC-V elec sn 1305 - up
S470LC-V elec
S470LC-V hydr
TXC140-1 elec sn 1095 - up
TXC140-1 elec
TXC140-1 hydr
TXC140-2 elec
TXC140-2 hydr
TXC175-1 elec
TXC175-1 hydr
TXC180-2 hydr
TXC225-1 elec sn 1300 - up
TXC225-1 elec

TXC225-1 hydr
TXC225-2 elec
TXC225-2 hydr
TXC255-1 elec sn 1205 – up
TXC255-1 elec
TXC255-1 hydr1
TXC255-2 elec
TXC255-2 hydr
TXC300-1 elec sn 2430 – up
TXC300-1 elec
TXC300-1 hydr
TXC340-1 hydr
TXC340-2 elec
TXC340-2 hydr
TXC420-1 elec sn 1163 – up
TXC420-1 elec
TXC420-1 hydr
TXC420-2 elec
TXC420-2 hydr
TXC470-1 elec sn 1305 – up
TXC470-1 elec
TXC470-1 hydr
TXC480-2 elec
TXC480-2 hydr

SKID STEER

430 plus elec option & joystick type
430 plus elec option
430 plus elec standard & joystick type
430 plus elec standard
430 plus hydr joystick type
430 plus hydr option
430 plus hydr standard
440 plus elec option & joystick type
440 plus elec option
440 plus elec standard & joystick type
440 plus elec standard
440 plus hydr joystick type
440 plus hydr option
440 plus hydr standard
450 plus & 460 plus elec yanmar engin
450 plus elec option & joystick type
450 plus elec option
450 plus elec standard & joystick type
450 plus elec standard
450 plus hydr joystick type
450 plus hydr option
450 plus hydr standard
460 plus elec option & joystick type
460 plus elec option
460 plus elec standard & joystick type
460 plus elec standard
460 plus hydr joystick type
460 plus hydr option
460 plus hydr standard
470 plus elec option & joystick type
470 plus elec option
470 plus elec standard & joystick type
470 plus elec standard
470 plus hydr joystick type
470 plus hydr option
470 plus hydr standard

WHEEL LOADER

DL160 hydr
DL200 elec sn 5466 – up 24v audio compressor camera
DL200 hydr
DL200-3 elec
DL200-3 hydr TC

DL200-3 hydr
DL200A hydr
DL220 hydr
DL220-3 hydr
DL250 elec 24v audio compressor camera
DL250 hydr sn 5515 - up
DL250 hydr
DL250-3 elec
DL250-3 hydr
DL250A hydr
DL250TC hydr sn 5029 - up
DL300 hydr
DL300-3 elec
DL300-3 hydr
DL300-5 hydr
DL300A elec
DL300A hydr
DL350 elec tot 2011
DL350 hydr
DL350-3 elec
DL350-3 hydr
DL350-5 hydr
DL400 hydr sn 5001 - 5120
DL400 hydr sn 5121 - 5215
DL420 hydr
DL420-3 hydr
DL420-5 hydr
DL420A elec
DL420A hydr
DL450 hydr
DL450-3 elec
DL450-3 elec
DL450-3 hydr
DL450-5 hydr
DL500 elec engine
DL500 hydr sn 5001- 5025
DL500 hydr sn 5104 - up
DL550-3 elec
DL550-3 hydr
DL550-5 hydr
DL550A hydr
M160 hydr
M200-3 elec
M200-3 hydr
M200-V elec
M200-V hydr
M250-3 elec
M250-3 hydr
M250-V hydr sn 3340 - up
M250-V hydr
M250-V Y hydr sn 3001 - up
M250-V Y hydr sn 4456 - up
M300 elec hydr
M300-3 elec
M300-3 hydr
M300-V hydr
M400-3P elec
M400-3P hydr
M400-V hydr
M400-V Y hydr sn 3001 - up
M500-V elec F-R circuit for two lever&mono lever
M500-V hydr N14
M500-V hydr
TXL160-1 hydr
TXL200-1 elec
TXL200-1 hydr
TXL250-1 hydr
TXL300-1 hydr
TXL400-1 hydr

WHEELED EXCAVATOR

DX55W elec changes to rack actuator line
DX55W elec
DX55W hydr
DX140W elec 7 monitor
DX140W elec mech engine
DX140W elec
DX140W hydr mech engine
DX140W hydr
DX140W-3 elec 2012.7.11 ROPS
DX140W-3 elec 2012.7.11
DX140W-3 hydr
DX140W-5 elec
DX140W-5 hydr
DX160W-3 elec
DX170W elec
DX170W hydr
DX170W-3 elec ROPS
DX170W-3 elec
DX170W-3 hydr
DX170W-5 elec
DX170W-5 hydr
DX190W elec 7 monitor
DX190W elec
DX190W hydr
DX190W-3 elec 2012.7.11
DX190W-3 elec 2012.9.3
DX190W-3 hydr
DX190W-5 elec
DX190W-5 hydr
DX210W elec 7 monitor
DX210W elec
DX210W hydr sn 5766 - up 5sol.valve block
DX210W hydr
DX210W-5 elec
DX210W-5 hydr
S50W-3 hydr
S55W-V elec
S55W-V hydr
S55W-V PLUS elec
S55W-V PLUS hydr
S80W-3 elec
S80W-3 hydr
S130W-3 elec
S130W-3 hydr
S130W-V elec
S130W-V hydr
S140W-V elec
S140W-V hydr
S170W-V elec
S170W-V hydr
S180W-V elec
S180W-V hydr arti boom
S180W-V hydr
S200W-3 elec
S200W-3 hydr
S200W-V elec
S200W-V hydr
S210W-V elec 2011.02.15
S210W-V elec sn 1410 - up
S210W-V elec
S210W-V hydr sn 2132 - up
S210W-V hydr

Jeśli poszukiwanego modelu nie ma na tej liście

napisz lub zadzwoń do nas naj prawdopodobnie
mamy go w naszych zbiorach ale nie jest
wystawiony na sprzedaż.

Potrzebujesz pojedynczą instrukcję do
wybranego modelu? Zapraszamy do kontaktu.

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motodiagnostyka2010@gmail.com