# GENERAL SPECIFICATIONS

| | |
|---|---|
| Shipping Weight | 24.6 metric tons (54,233 lb), includes 10% fuel, boom, 5,900 mm (19' 4") arm, 3,000 mm (9' 8"), standard bucket and standard shoes |
| Operating Weight | Add weight of full fuel tank and operator. |
| Shipping Weights With Optional Track Shoes | Add 295 kg (650 lb) for 700 mm (28") shoes |
| | Add 590 kg (1,300 lb) for 800 mm (32") shoes |
| | Add 885 kg (1,951 lb) for 900 mm (35") shoes |
| Major Component Weights | Standard Boom 5,900 mm (19' 4") 1,630 kg (3,594 lb) |
| | 5,300 mm (17' 5") Boom 1,488 kg (3,280 lb) |
| | 2,000 mm (6' 7") Arm 634 kg (1,398 lb) |
| | 2,500 mm (8' 2") Arm 718 kg (1,583 lb) |
| | 3,000 mm (9' 10") Arm 807 kg (1,779 lb) |
| | 3,500 mm (11' 6") Arm 910 kg (2,006 lb) |
| | Boom Cylinders 215 kg (474 lb) each |
| | Arm Cylinder 300 kg (661 lb) |
| | Bucket Cylinder 185 kg (408 lb) |
| | Counterweight 4,700 kg (10,362 lb) |
| | Upper Turntable 6,250 kg (13,779 lb) |
| | Lower - 8,860 kg (19,533 lb) (Including Swing bearing) |
| Digging Forces: | |
| Bucket Cylinder | 16,100 kg (35,494 lb) - (with either 3,000 mm [9' 10"] or 2,500 mm [8' 2"] arm or 3,500 mm [11' 6"] arm) |
| | 17,400 kg (38,360 lb) with 2,000 mm [6' 7"] arm |
| Arm Cylinder | 12,100 kg (26,676 lb) with 3,000 mm (9' 10") arm |
| Fuel Tank Capacity | 410 liters (108.3 U.S. gal) |
| Hydraulic System Capacity | 240 liters (63.4 U.S. gal) |
| Hydraulic Reservoir Capacity | 150 liters (39.6 U.S. gal) |
| Bucket Heaped Capacity Range | PCSA 0.81 - 1.40 $m^3$ (1.06 - 1.83 $yd^3$) |
| | **IMPORTANT:** Refer to the Load Weight, Bucket and Arm Length Compatibility Table for information on which bucket sizes may be used safely with which arm length, for load material weights. |
| Shoe Type | Triple Grouser |
| Shoe Width and Optional Sizes | 600 mm (24") - standard |
| | 700 mm (28") - optional |
| | 800 mm (32") - optional |
| | 850 mm (35") - optional |
| Ground Pressure Ratings: | |
| Standard 600 mm (24") shoe - | 0.5 $kg/cm^2$ (7.1 psi) |
| Optional 700 mm (28") shoe - | 0.43 $kg/cm^2$ (6.1 psi) |
| Optional 800 mm (32") shoe - | 0.38 $kg/cm^2$ (5.4 psi) |
| Optional 900 mm (35") shoe - | 0.34 $kg/cm^2$ (4.8 psi) |
| Transport Dimensions | |
| Overall Shipping Length (standard boom and arm) | 10,560 mm (34' 6") |

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# REMOVAL

## CAUTION!

**Avoid disassembling cabin if there are strong wind gusts, which could catch large surface area of cabin shell and push it sideways during lift.**

1. Park on firm and level ground.
2. Lower front attachment (bucket) to ground.
3. Shut down engine.
4. Set safety lever on "RELEASED" position.
5. Turn starter switch to "I" (ON) position.

## WARNING!

**If engine must be run while performing maintenance, use extreme care. Always have one person in the cabin at all times. Never leave the cabin with the engine running.**

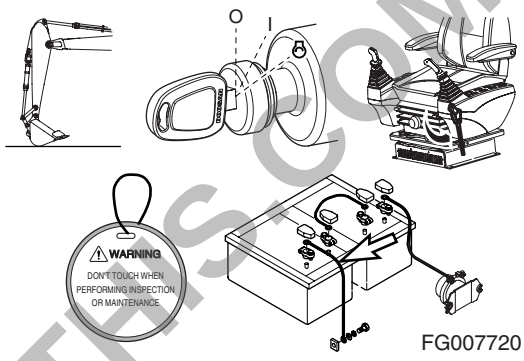



**Figure 1**

6. Fully stroke work levers (joysticks) in all directions to relieve pressure from accumulators.
7. Set safety lever on "LOCK" position.
8. Turn key to "O" (OFF) position and remove from starter switch.
9. Hang maintenance warning tag on controls.
10. Disconnect the battery cable from the negative (-) battery terminal.
11. Prepare cabin shell for removal by disconnecting wiring connectors for:
    A. Cabin interior lighting.
    B. External light wiring.
    C. Radio antenna and connections.
    D. Wiper/washer connections.

**NOTE:** *Control console wiring harnesses and hydraulic piping lines that pass through the floor of the cabin do not need to be disassembled.*

**NOTE:** *If unit is equipped with a cabin protective structure (for forestry, or hazardous working conditions), it must be removed.*

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# Hydraulic Schematic (DX255LC)

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# Electrical Schematic (DX180LC/DX225LC/ DX225NLC/DX255LC)

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| Reference Number | Description |
|---|---|
| 1 | Counterweight |
| 2 | Engine Bonet |
| 3 | Muffler |
| 4 | Hydraulic Oil Tank |
| 5 | Fuel Tank |
| 6 | Engine |
| 7 | Fuel Tank Fill Cap |
| 8 | Radiator and Oil Cooler |
| 9 | Control Valve |
| 10 | Swing Motor |
| 11 | Air Cleaner |
| 12 | Swing Bearing |
| 13 | Cabin |
| 14 | Seat |
| 15 | Boom Cylinder |
| 16 | Work Lever (Joystick) Controls |
| 17 | Arm Cylinder |
| 18 | Boom |
| 19 | Travel Lever |

| Reference Number | Description |
|---|---|
| 20 | Arm |
| 21 | Bucket Cylinder |
| 22 | Guide Link |
| 23 | Bucket |
| 24 | Push Link |
| 25 | Tooth Point |
| 26 | Side Cutter |
| 27 | Idler |
| 28 | Track Adjuster |
| 29 | Track Guide |
| 30 | Battery |
| 31 | Lower Roller |
| 32 | Center Joint |
| 33 | Upper Roller |
| 34 | Travel Motor |
| 35 | Track Link And Shoe |
| 36 | Suction Filter |
| 37 | Return Filter |
| 38 | Pumps |

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# TORQUE VALUES FOR STANDARD METRIC FASTENERS

**NOTE:** *The units for the torque values are kg•m (ft lb).*

| Dia. x Pitch (mm) | Grade | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.6 (4A) | 4.6 (4D) | 4.8 (4S) | 5.6 (5D) | 5.8 (5S) | 6.6 (6D) | 6.8 (6S) | 6.9 (6G) | 8.8 (8G) | 10.9 (10K) | 12.9 (12K) |
| M5 x Std. | 0.15 (1.08) | 0.16 (1.15) | 0.25 (1.80) | 0.22 (1.59) | 0.31 (2.24) | 0.28 (2.02) | 0.43 (3.11) | 0.48 (3.47) | 0.50 (3.61) | 0.75 (5.42) | 0.90 (6.50) |
| M6 x Std. | 0.28 (2.02) | 0.30 (2.16) | 0.45 (3.25) | 0.40 (2.89) | 0.55 (3.97) | 0.47 (3.39) | 0.77 (5.56) | 0.85 (6.14) | 0.90 (6.50) | 1.25 (9.04) | 1.50 (10.84) |
| M7 x Std. | 0.43 (3.11) | 0.46 (3.32) | 0.70 (5.06) | 0.63 (4.55) | 0.83 (6.00) | 0.78 (5.64) | 1.20 (8.67) | 1.30 (9.40) | 1.40 (10.12) | 1.95 (14.10) | 2.35 (16.99) |
| M8 x Std. | 0.70 (5.06) | 0.75 (5.42) | 1.10 (7.95) | 1.00 (7.23) | 1.40 (10.12) | 1.25 (9.04) | 1.90 (13.74) | 2.10 (15.18) | 2.20 (15.91) | 3.10 (22.42) | 3.80 (27.48) |
| M8 x 1 | 0.73 (5.28) | 0.80 (5.78) | 1.20 (8.67) | 1.00 (7.23) | 1.50 (10.84) | 1.35 (9.76) | 2.10 (15.18) | 2.30 (16.63) | 2.40 (17.35) | 3.35 (24.23) | 4.10 (29.65) |
| M10 x Std. | 1.35 (9.76) | 1.40 (10.12) | 2.20 (15.91) | 1.90 (13.74) | 2.70 (19.52) | 2.35 (19.99) | 3.70 (26.76) | 4.20 (30.37) | 4.40 (31.18) | 6.20 (44.84) | 7.20 (52.07) |
| M10 x 1.25 | 1.50 (10.84) | 1.60 (11.57) | 2.50 (18.08) | 2.10 (15.18) | 3.10 (22.42) | 2.80 (20.25) | 4.30 (31.10) | 4.90 (35.44) | 5.00 (36.16) | 7.00 (50.63) | 8.40 (60.75) |
| M12 x Std. | 2.40 (17.35) | 2.50 (18.08) | 3.70 (26.76) | 3.30 (23.86) | 4.70 (33.99) | 4.20 (30.37) | 6.30 (45.56) | 7.20 (52.07) | 7.50 (54.24) | 10.50 (75.94) | 12.50 (90.41) |
| M12 x 1.25 | 2.55 (18.44) | 2.70 (19.52) | 4.00 (28.93) | 3.50 (25.31) | 5.00 (36.16) | 4.50 (32.54) | 6.80 (49.18) | 7.70 (55.69) | 8.00 (57.86) | 11.20 (81.00) | 13.40 (96.92) |
| M14 x Std. | 3.70 (26.76) | 3.90 (28.20) | 6.00 (13.23) | 5.20 (37.61) | 7.50 (54.24) | 7.00 (50.63) | 10.00 (72.33) | 11.50 (83.17) | 12.00 (86.79) | 17.00 (122.96) | 20.00 (144.66) |
| M14 x 1.5 | 4.10 (29.65) | 4.30 (31.10) | 6.60 (47.73) | 5.70 (41.22) | 8.30 (60.03) | 7.50 (54.24) | 11.10 (80.28) | 12.50 (90.41) | 13.00 (94.02) | 18.50 (11.26) | 22.00 (158.12) |
| M16 x Std. | 5.60 (40.50) | 6.00 (43.39) | 9.00 (65.09) | 8.00 (57.86) | 11.50 (83.17) | 10.50 (75.94) | 15.50 (112.11) | 17.90 (129.47) | 18.50 (133.81) | 26.00 (188.05) | 31.00 (224.22) |
| M16 x 1.5 | 6.20 (44.84) | 6.50 (47.01) | 9.70 (70.16) | 8.60 (62.20) | 12.50 (90.41) | 11.30 (81.73) | 17.00 (122.96) | 19.50 (141.04) | 20.00 (144.66) | 28.00 (202.52) | 35.50 (256.77) |
| M18 x Std. | 7.80 (56.41) | 8.30 (60.03) | 12.50 (90.41) | 11.00 (79.56) | 16.00 (115.72) | 14.50 (104.87) | 21.00 (151.89) | 27.50 (198.90) | 28.50 (206.14) | 41.00 (296.55) | 43.00 (311.01) |
| M18 x 1.5 | 9.10 (65.82) | 9.50 (68.71) | 14.40 (104.15) | 12.50 (90.41) | 18.50 (133.81) | 16.70 (120.79) | 24.50 (177.20) | 27.50 (198.90) | 28.50 (206.14) | 41.00 (296.55) | 49.00 (354.41) |
| M20 x Std. | 11.50 (83.17) | 12.00 (86.79) | 18.00 (130.19) | 16.00 (115.72) | 22.00 (159.12) | 19.00 (137.42) | 31.50 (227.83) | 35.00 (253.15) | 36.00 (260.38) | 51.00 (368.88) | 60.00 (433.98) |
| M20 x 1.5 | 12.80 (92.58) | 13.50 (97.64) | 20.50 (148.27) | 18.00 (130.19) | 25.00 (180.82) | 22.50 (162.74) | 35.00 (253.15) | 39.50 (285.70) | 41.00 (296.55) | 58.00 (419.51) | 68.00 (491.84) |
| M22 x Std. | 15.50 (112.11) | 16.00 (115.72) | 24.50 (177.20) | 21.00 (151.89) | 30.00 (216.99) | 26.00 (188.05) | 42.00 (303.78) | 46.00 (332.71) | 49.00 (354.41) | 67.00 (484.61) | 75.00 (542.47) |
| M22 x 1.5 | 17.00 (122.96) | 18.50 (133.81) | 28.00 (202.52) | 24.00 (173.59) | 34.00 (245.92) | 29.00 (209.75) | 47.00 (339.95) | 52.00 (44.76) | 56.00 (405.04) | 75.00 (542.47) | 85.00 (614.80) |
| M24 x Std. | 20.50 (148.27) | 21.50 (155.50) | 33.00 (238.68) | 27.00 (195.29) | 40.00 (289.32) | 34.00 (245.92) | 55.00 (397.81) | 58.00 (419.51) | 63.00 (455.67) | 82.00 (593.10) | 92.00 (655.43) |
| M24 x 2.0 | 23.00 (166.35) | 35.00 (253.15) | 37.00 (267.62) | 31.00 (224.22) | 45.00 (325.48) | 38.00 (202.52) | 61.00 (441.21) | 67.00 (484.61) | 74.00 (535.24) | 93.00 (672.66) | 103.00 (744.99) |

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# Hydraulic System Troubleshooting, Testing and Adjustment

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# Track Excavator Safety

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Swing Motor ..... SP001020
Travel Motor ..... SP001021
Gear Pump ..... SP000931
Main Control Valve ..... SP000034
Axial Piston Pump ..... SP001022
PTO Server ..... SP000933
Remote Control Valve (Work Lever / Joystick) ..... SP000069
Travel Control Valve (with Damper) ..... SP000070
Solenoid Valve Assembly ..... SP000445
Breaker EPPR Valve (Opt) ..... SP000192
Hydraulic Schematic (DX255LC) ..... SP001023

## Electrical System

Electrical System ..... SP001025
Electrical Schematic (DX180LC/DX225LC/225NLC/255LC) ..... SP000936

## Attachments

Boom and Arm ..... SP001026
Bucket ..... SP000939

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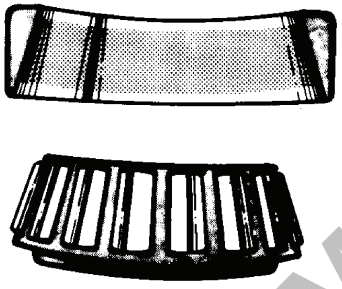


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**Abrasive Roller Wear**

Pattern on races and rollers caused by fine abrasives.

Clean all parts and housings, check seals and bearings and replace if leaking, rough or noisy.



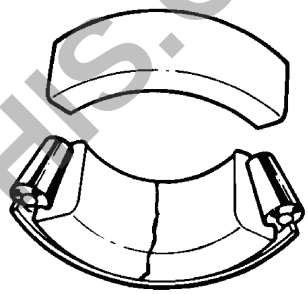
HASA560S

**Figure 13**

**Cracked Inner Race**

Race cracked due to improper fit, cocking or poor bearing seat.

Replace all parts and housings, check seals and bearings and replace if leaking.



HASA570S

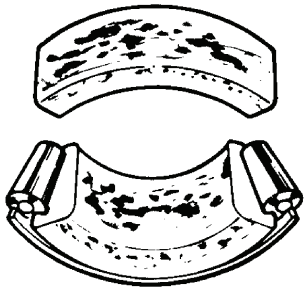
**Figure 14**

**Smears**

Smearing of metal due to slippage caused by poor fitting, lubrication, overheating, overloads or handling damage.

Replace bearings, clean related parts and check for proper fit and lubrication.

Replace shaft if damaged.



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**Figure 15**

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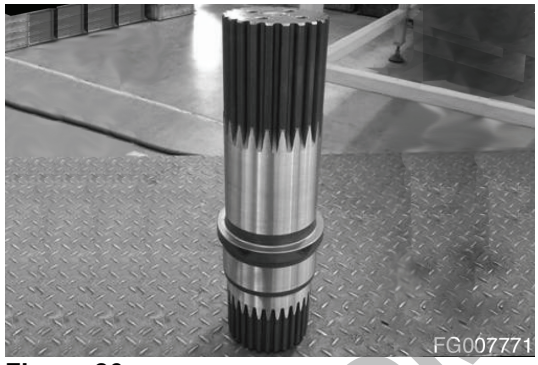


**Figure 26**

# CLEANING AND INSPECTION (WEAR LIMITS AND TOLERANCES)

For general cleaning and inspection procedures, refer to "General Maintenance Procedures" section.

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4. Detach the floating seal (7, Figure 18) from the idler (2) and bearing (3).

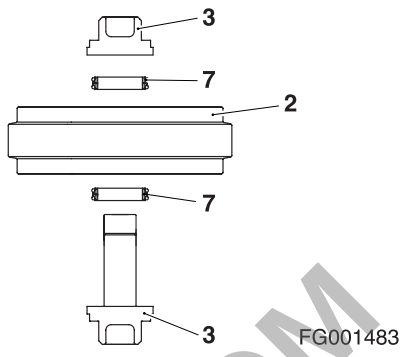



**Figure 18**

5. Use a press to separate the axle (4, Figure 19), O-ring (8) and bearing (3).

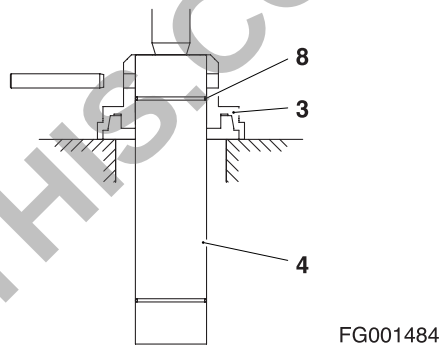



**Figure 19**

6. Remove bushing (5, Figure 20) with the press and special tool (10, ST-1909).

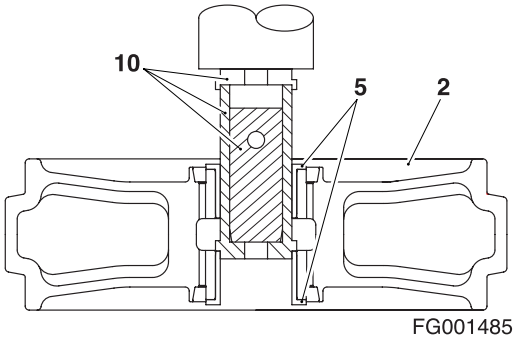



**Figure 20**

## Front Idler Roller Reassembly

1. Degrease, clean and dry all parts before reassembly. Insert bushing (5, Figure 20) into the idler (2).
2. Grease O-ring (8, Figure 21) and insert it into the axle.
3. Align the bearing (3, Figure 21) and axle (4) holes and pin (6) them together.

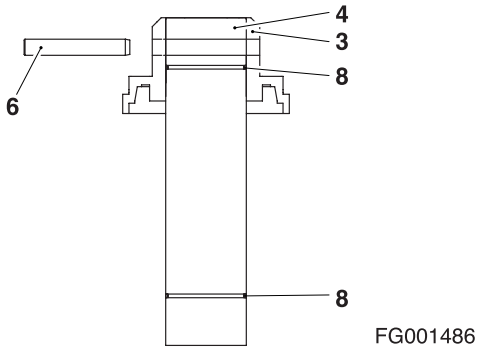



**Figure 21**

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**NOTE:** *Regulator adjustments affect total cumulative horsepower, since each regulator compensates for the output of the other. It is not necessary to adjust both regulators at the same time, but after checking or adjusting one of them, the remaining unit should also be checked.*

Start the engine and turn the engine speed dial to maximum. When normal operating temperature is reached, loosen the largest diameter lock nut around the adjustment screw (2) for the outer regulator spring. Tightening the screw shifts the P/Q (Pressure/Flow) control curve to the right, and increases compensating control pressure.

On the other hand, if the persistent cause of performance problems is engine overloading, decreasing the adjustment by turning the larger diameter adjusting screw (2) out will decrease pump input horsepower. 1/4 turn on the adjusting screw is equal to approximately 17 horsepower.

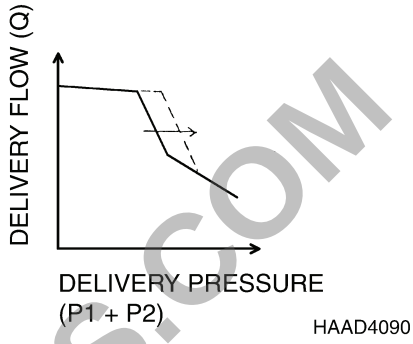



**Figure 13**

## IMPORTANT

**Because changing the position of adjusting screw (2) also affects the setting of the adjustment for the inner spring, the smaller diameter adjusting screw (1), turn in the inner screw 198° (slightly more than 1/2 turn, 180°) before screw (2) is backed out 1/4 turn (90°).**

**NOTE:** *For each full turn of adjustment on the larger diameter screw (2), the square-tipped adjusting screw should be turned in the opposite direction 2.2 turns to avoid changing inner spring adjustment.*

Pump input power adjustments are normally made in small increments, 1/4 turn (90°) or less, each time.

Turning the square-tipped, smaller diameter screw (1) clockwise moves the flow curve up, increasing flow and then input horsepower.

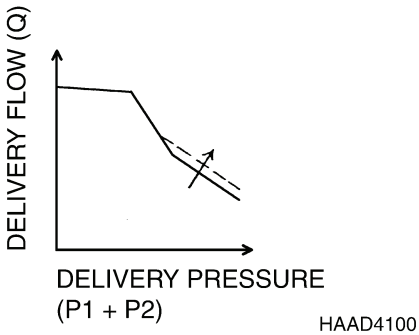



**Figure 14**

The adjusting screw (1, Figure 12) affects the delivery rate (Q) of the pump. Tightening the adjusting screw decreases the maximum cut flow (as shown in Figure 15) while backing out the screw increases cut flow delivery rate.

Balance both pumps for equal output.

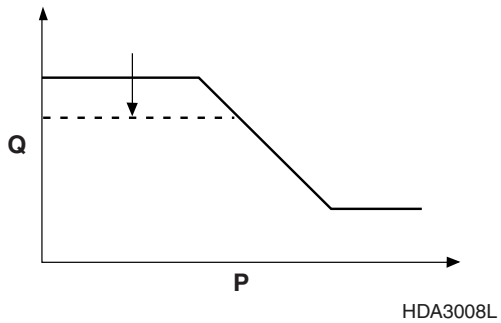



**Figure 15**

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| MODEL | CYLINDER | $\varnothing A^{+0.2}_{+0.1}$ | $B^{+0.2}_{+0.1}$ | MODEL (CYLINDER) |
|---|---|---|---|---|
| DX180LC | BOOM | 115.0 mm (4.53 in) | 28.5 mm (1.12 in) | |
| | ARM | 125.0 mm (4.92 in) | 28.5 mm (1.12 in) | |
| | BUCKET | 110.0 mm (4.33 in) | 28.5 mm (1.12 in) | |
| DX225LC | BOOM | 140.0 mm (5.51 in) | 28.5 mm (1.12 in) | |
| | ARM | 150.0 mm (5.91 in) | 28.5 mm (1.12 in) | |
| | BUCKET | 120.0 mm (4.72 in) | 28.5 mm (1.12 in) | |
| DX225NLC | BOOM | 140.0 mm (5.51 in) | 28.5 mm (1.12 in) | |
| | ARM | 150.0 mm (5.91 in) | 28.5 mm (1.12 in) | |
| | BUCKET | 120.0 mm (4.72 in) | 28.5 mm (1.12 in) | |
| DX255LC | BOOM | 130.0 mm (5.12 in) | 28.5 mm (1.12 in) | |
| | ARM | 140.0 mm (5.51 in) | 28.5 mm (1.12 in) | S/ARM |
| | BUCKET | 130.0 mm (5.12 in) | 28.5 mm (1.12 in) | S/BUCKET |
| DX300LC | BOOM | 140.0 mm (5.51 in) | 28.5 mm (1.12 in) | |
| | ARM | 150.0 mm (5.91 in) | 28.5 mm (1.12 in) | S/ARM |
| | BUCKET | 140.0 mm (5.51 in) | 28.5 mm (1.12 in) | S/BUCKET |
| DX340LC | BOOM | 150.0 mm (5.91 in) | 28.5 mm (1.12 in) | OPT BOOM |
| | ARM | 170.0 mm (6.69 in) | 34.5 mm (1.36 in) | OPT ARM |
| | BUCKET | 150.0 mm (5.91 in) | 28.5 mm (1.12 in) | OPT BUCKET |
| DX420LC | BOOM | 165.0 mm (6.50 in) | 34.5 mm (1.36 in) | OPT BOOM |
| | ARM | 180.0 mm (7.09 in) | 41.5 mm (1.63 in) | OPT ARM |
| | BUCKET | 160.0 mm (6.30 in) | 34.5 mm (1.36 in) | OPT BUCKET |

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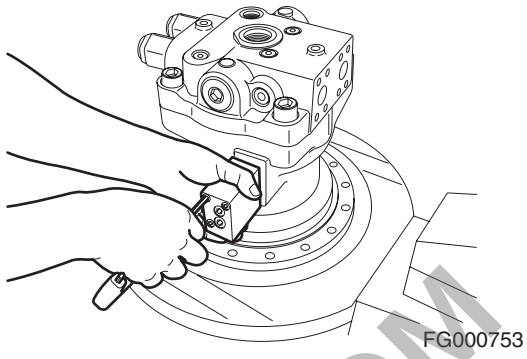



**Figure 90**

## Air Pressure Test

Apply air pressure into assembled motor, dip it in treated oil for one minute and check any leakage from it.

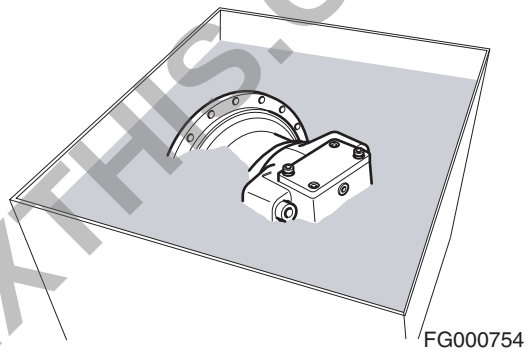



**Figure 91**

## Oil Leakage Check

Wash motor with Color Check No.1, spray No.3, and check for any oil leakage.

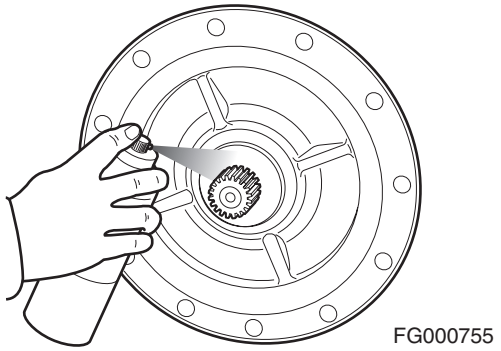



**Figure 92**

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6. Assembly of Shaft (102)

   A. Install ball bearing (149) in shaft (102) with Shrinkage Fitting.

   **NOTE:** *Take care to prevent a burn. (Use leather gloves.)*
   *If ball bearing (149) is removed, use a new one for Shrinkage Fitting.*
   *Temperature of Shrinkage Fitting: 100 ± 10°C*

   – Heater and leather gloves

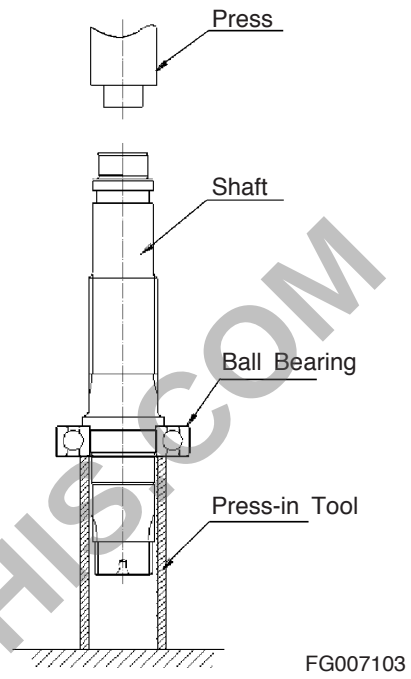



**Figure 55**

7. Assembly of Piston Assembly (161, 162)

   A. Apply grease to spring (163) and assemble piston parts.

   B. Apply hydraulic oil to sliding area of piston parts to be installed and install them in the piston hole of spindle (2).

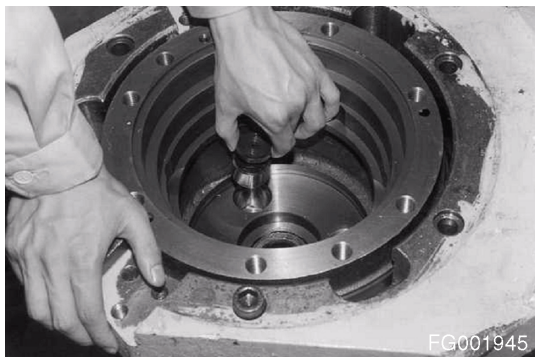



**Figure 56**

8. Assembly of Steel Balls (167)

   A. Install 2 steel balls (167) in spindle (2).

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3. Arm out (2-pump confluence)

When arm 1 spool is shifted by increasing pressure of arm 1 (Section 5) pilot port (Pa5), oil supplied to port (P1) flows through neutral passage (L1), load check valve (S5-2), passage (S5-1) and spool and into port (A5).

Oil supplied to port (P2) flows through neutral passage (R1), load check valve (S9-2), passage (S9-1), spool and passage (8) and joins at port (A5). Return oil from port (B5) returns through spool to tank passage (Ta).

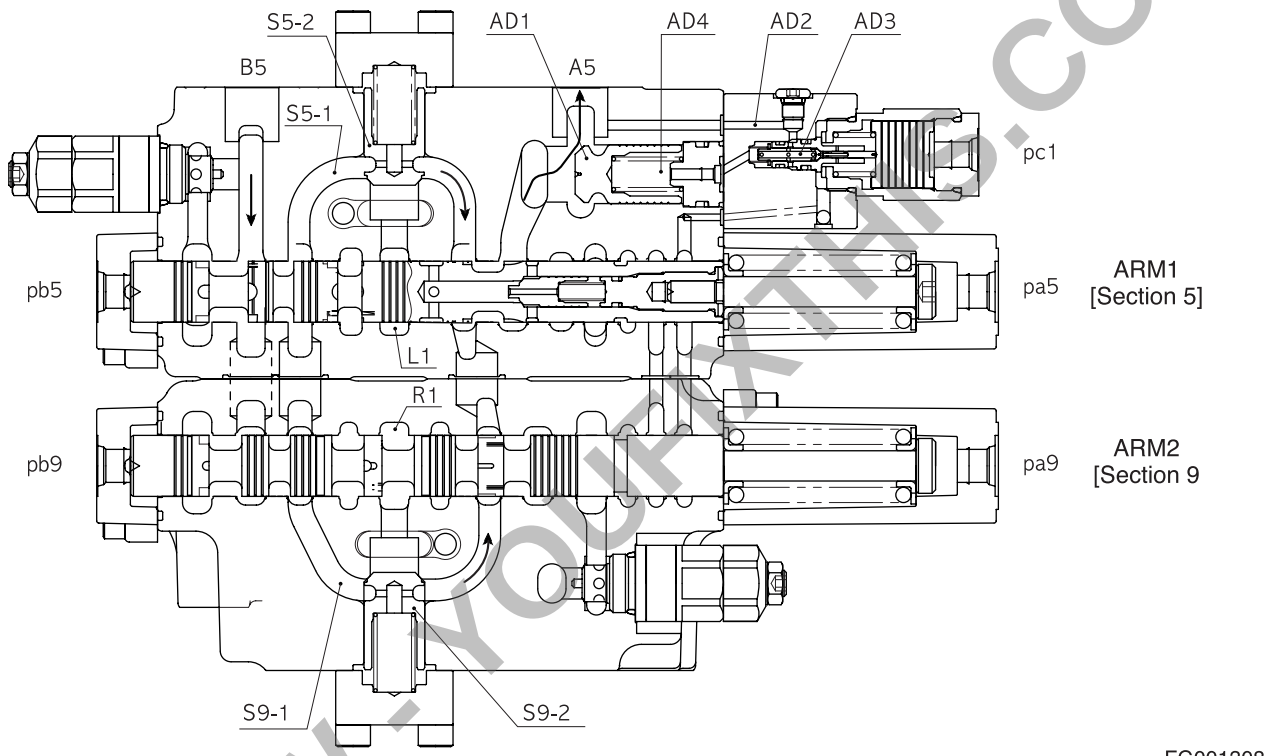



**Figure 14**

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# PUMP MAINTENANCE

1. Tools

The following tools are needed for the disassembly and reassembly of the T5V PTO server:

| Tools | B | Parts List |
|---|---|---|
| Hex Spanner | 10 | Hex Bolt (M10)<br>Flange Socket Bolt (10) |
| Flyer<br>TRR150<br>TRR200 | / | Snap Ring RR-20<br>Snap Ring RR-72 |

2. Tightening Torque

| Parts | Size | Torque Values (kgf·m) |
|---|---|---|
| Socket Bolt<br>(Material: SOM435) | M10 | 5.8 |
| Flange socket Bolt | M10 | 3.4 |

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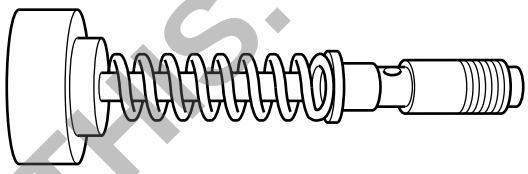
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3. Assemble in proper order, damper spool (8), shim (7), spring (6), spring seat (5), and stopper (9).



FG000999

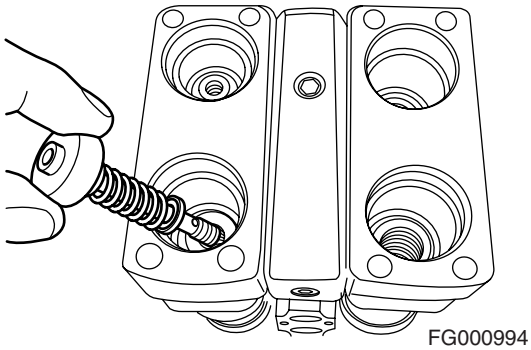
**Figure 27**



FG001000

**Figure 28**

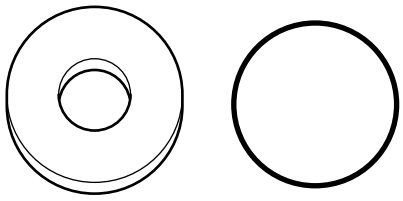
4. Install damper spool assembly into each body (1 and 2).



FG000994

**Figure 29**

5. Install O-ring (12) on rod guide (11). Coat guide assembly with grease, and slide it into each body (1 and 2).



FG000992

**Figure 30**

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# INTRODUCTION

The electrical system for this equipment is DC 24 volts. The rated voltage for all electric components is 24 volts with the exception of the stereo and the air-conditioning control actuator. The system contains two 12 volt batteries connected in series and a three phase AC generator with a rectifier. The electric wiring used in the system is easily identifiable by the insulator color. The color symbols used in the electrical system are listed in the following chart.

**Electric Wire Color**

| Symbol | Color |
|---|---|
| W | White |
| G | Green |
| Or | Orange |
| B | Black |
| L | Blue |
| Lg | Light green |
| R | Red |
| Gr | Gray |
| P | Pink |
| Y | Yellow |
| Br | Brown |
| V | Violet |

**NOTE:** *RW: Red wire with White stripe*

*R - Base Color, W - Stripe Color*

**NOTE:** *0.85G: Nominal sectional area of wire core less insulator = 0.85 mm$^2$*

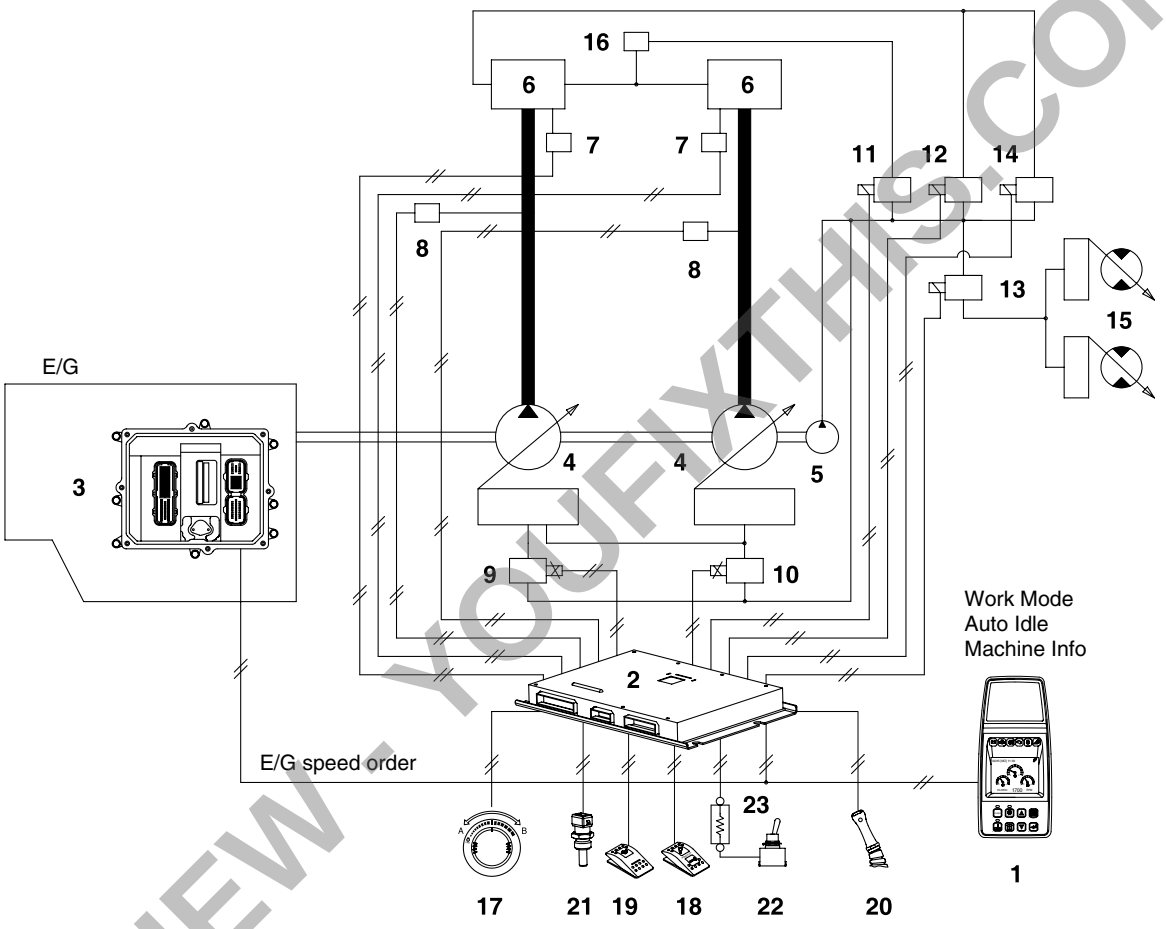
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# ELECTRONIC HYDRAULIC CONTROL SYSTEM (e-EPOS)

## Control System Schematic




FG000795

**Figure 50**

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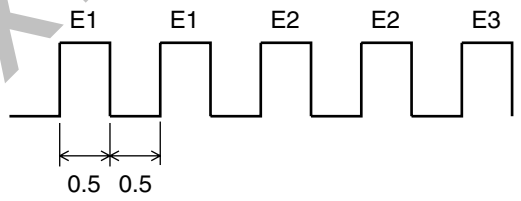
Error codes

| Code | Description |
|---|---|
| E0 | Normal |
| E1 | Internal air temperature sensor short |
| E2 | Internal air temperature sensor open |
| E3 | Ambient air temperature sensor short |
| E4 | Ambient air temperature sensor open |
| E5 | Duct sensor short |
| E6 | Duct sensor open |
| E7 | Sun sensor short |
| E8 | Sun sensor open |
| E9 | Water temperature sensor short |
| E10 | Water temperature sensor open |
| E11 | D.P.S open |
| E12 | Position error of wind direction actuator |
| E13 | Position error of temperature control actuator |

**NOTE:** *The position error means that it fails to move to designated place in 40 seconds.*

*Sun sensor displays E8 in case of no sunlight.*

*2 and more fails: Codes concerned blinks twice at a time.*




FG001067

**Figure 90**

**Ambient Temperature Display**

Selection of both the SEL and MODE switch for more than 3 seconds indicates the ambient temperature in the set temperature display department.

- Range of temperature display: -40 - +60°C

**NOTE:** *Display of ambient temperature may be released in the same way for its entry way.*

*It returns automatically to default mode 5 seconds after entering the ambient air temperature display mode.*

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