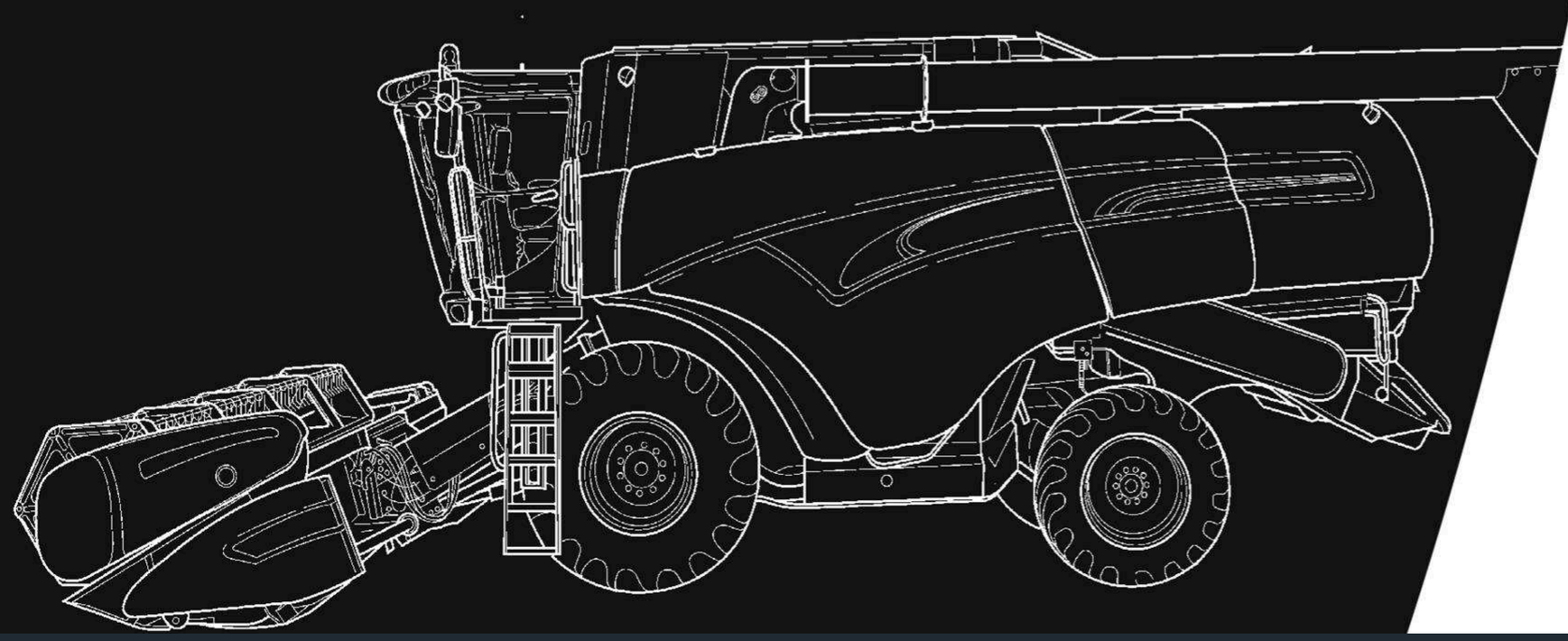
REPAIR MANUAL

NEW HOLLAND

CX720
CX740
CX760
CX780
CX820
CX840
CX860
CX880



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Contents

INTRODUCTION

Foreword (- A.10.A.40)	3
Basic instructions (- A.90.A.05)	4
Torque (- A.90.A.10)	7
Conversion factors (- A.92.A.21)	10
Product identification (- A.80.A.10)	11

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Contents

DISTRIBUTION SYSTEMS - A

PRIMARY HYDRAULIC POWER SYSTEM - 10.A

TECHNICAL DATA
PRIMARY HYDRAULIC POWER SYSTEM
Special tools (A.10.A - D.20.A.40) 4
Hydraulic pump
General specification (A.10.A.20 - D.40.A.10) 5

FUNCTIONAL DATA
PRIMARY HYDRAULIC POWER SYSTEM
Static description (A.10.A - C.30.A.20) 6
Overview (A.10.A - C.40.B.10) 8
Component localisation (A.10.A - C.40.B.20) 11
Hydraulic symbol (A.10.A - C.20.C.20) 21
Hydraulic schema (A.10.A - C.20.B.20) 24
Hydraulic pump
Variable displacement pump - Overview (A.10.A.20.02 - C.40.B.10) 30
Variable displacement pump - Static description (A.10.A.20.02 - C.30.A.20) 31
Variable displacement pump - Dynamic description (A.10.A.20.02 - C.30.A.10) 32

SERVICE
Signal valve
Disassemble (A.10.A.12 - F.10.A.25) 39
Assemble (A.10.A.12 - F.10.A.20) 41
Inspect (A.10.A.12 - F.40.B.01) 42
Stack valve
Disassemble (A.10.A.18 - F.10.A.25) 43
Remove (A.10.A.18 - F.10.A.10) 46
Install (A.10.A.18 - F.10.A.15) 48
Assemble (A.10.A.18 - F.10.A.20) 50
Hydraulic pump
Variable displacement pump - Disassemble (A.10.A.20.02 - F.10.A.25) 53
Variable displacement pump - Remove (A.10.A.20.02 - F.10.A.10) 58
Variable displacement pump - Install (A.10.A.20.02 - F.10.A.15) 60
Variable displacement pump - Assemble (A.10.A.20.02 - F.10.A.20) 62
Variable displacement pump - Inspect (A.10.A.20.02 - F.40.B.01) 66
Variable displacement pump - Test (A.10.A.20.02 - F.40.C.01) 67

DIAGNOSTIC

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Contents

DISTRIBUTION SYSTEMS - A

SECONDARY HYDRAULIC POWER SYSTEM - 12.A

TECHNICAL DATA
- Hydraulic pump
  - Torque (A.12.A.20 - D.20.A.10) 4
  - General specification (A.12.A.20 - D.40.A.10) 4

FUNCTIONAL DATA
- SECONDARY HYDRAULIC POWER SYSTEM
  - Static description (A.12.A - C.30.A.20) 5
  - Overview (A.12.A - C.40.B.10) 6
  - Component localisation (A.12.A - C.40.B.20) 7
  - Hydraulic schema (A.12.A - C.20.B.20) 14

SERVICE
- Hydraulic pump
  - Remove (A.12.A.20 - F.10.A.10) 16
  - Install (A.12.A.20 - F.10.A.15) 17
  - Repair (A.12.A.20 - F.10.A.32) 18
  - Test (A.12.A.20 - F.40.C.01) 19
  - Test (A.12.A.20 - F.40.C.01) 20
- Valve block
  - Remove (A.12.A.45 - F.10.A.10) 21
  - Install (A.12.A.45 - F.10.A.15) 23

DIAGNOSTIC
- Hydraulic pump
  - Testing (A.12.A.20 - G.40.A.20) 25
- Oil filter
  - Testing (A.12.A.24 - G.40.A.20) 27
- Sensing system
  - E0007-03-Gearbox Filter Bypass Shorted To High Source (A.12.A.95.81 - G.30.B.54) 28
  - E0162-01-Control Pressure sensor , Valid Below Normal (A.12.A.95.91 - G.30.C.20) 29
  - E0162-03-Control Pressure sensor Shorted To High Source (A.12.A.95.91 - G.30.B.54) 30
    CX720 Series 1206 - 1237, CX740 Series 1206 - 1237, CX760 Series 1206 - 1237, CX780 Series 1206 - 1237, CX820 Series 1206 - 1237, CX840 Series 1206 - 1237, CX860 Series 1206 - 1237, CX880 Series 1206 - 1237

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Wiring harness - Component diagram 07 (A.30.A.88 - C.20.F.07)

CONNECTOR X009

X009	CONNECTOR X009 - GRAIN TANK/MAIN FRAME	**Wiring harness - Component diagram 06 (A.30.A.88 - C.20.F.06)**

CONNECTOR X016

X016	CONNECTOR X016 - CCM-2 J2	**Wiring harness - Component diagram 02 (A.30.A.88-C.20.F.02)**

CONNECTOR X026

X026	CONNECTOR X026 - RHM J6	**Wiring harness - Component diagram 23 (A.30.A.88 - C.20.F.23)**

CONNECTOR X027

X027	CONNECTOR X027 - RHM J7A	**Wiring harness - Component diagram 28 (A.30.A.88 - C.20.F.28)**

CONNECTOR X029

X029	CONNECTOR X029 - RHM J8A	**Wiring harness - Component diagram 28 (A.30.A.88 - C.20.F.28)**

CONNECTOR X041

X041	CONNECTOR X041 - NEUTRAL LOCK SOLENOID	**Wiring harness - Component diagram 28 (A.30.A.88 - C.20.F.28)**

CONNECTOR X048

X048	CONNECTOR X048 - GEAR SELECT	**Wiring harness - Component diagram 28 (A.30.A.88 - C.20.F.28)**

CONNECTOR X049

X049	CONNECTOR X049 - ON THE ROAD	**Wiring harness - Component diagram 29 (A.30.A.88 - C.20.F.29)**

CONNECTOR X050

X050	CONNECTOR X050 - DUEL RANGE	**Wiring harness - Component diagram 29 (A.30.A.88 - C.20.F.29)**

CONNECTOR X051

X051	CONNECTOR X051 - REAR WHEEL ASSIST	**Wiring harness - Component diagram 29 (A.30.A.88 - C.20.F.29)**

CONNECTOR X052

X052	CONNECTOR X052 - PARK BRAKE	**Wiring harness - Component diagram 29 (A.30.A.88 - C.20.F.29)**

CONNECTOR X057

X057	CONNECTOR X057 - GROUND SPEED POTENTIOMETER	**Wiring harness - Component diagram 28 (A.30.A.88 - C.20.F.28)**

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0394.2-AFTERRUN NOT COMPLETED, DATA INCORRECT (SERVICE TOOL FAULT CODE 64) (B.20.A.92 - G.30.C.10)

CX840, CX860, CX880

0394.2 - AFTERRUN NOT COMPLETED, DATA INCORRECT (SERVICE TOOL FAULT CODE 64)

Context:
Engine enabled - no restriction on fuel or speed

Cause:
Afterrun monitoring not completed

Possible failure modes:

1. Faulty Main Relay (K-14)
2. Low battery voltage

Solution:

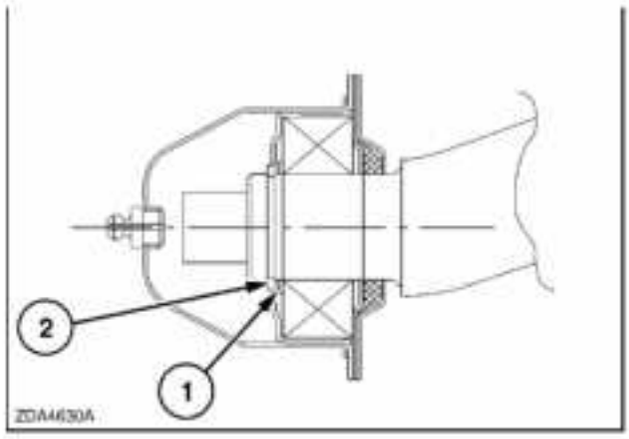
1. Check fuses F-01 and F-38.
   - A. Replace the fuse if blown. Remove the fault code from the engine ECU memory using the electronic service tool and check the operation of the engine. If fuse blows again inspect wiring harness for damage.
   - B. If fuses are okay continue with step 2.
2. Check the battery voltage.
   - A. If voltage is less than **9.5 Volts**, check the battery and charging system. Ensure the battery has the correct voltage and remove the fault code from the engine ECU memory using the electronic service tool. Operate the engine, if the fault reoccurs continue with step 3.
   - B. If the voltage is greater than **9.5 Volts** continue with step 3.
3. Check the Main Relay (K-14).
   - A. Remove the relay and check its operation. If okay continue with step 4.
   - B. Replace the relay if faulty. Remove the fault code from the engine ECU memory using the electronic service tool. Operate the engine, if the fault reoccurs continue with step 4.
4. Check the wiring harness.
   - A. Remove the relay K-14 and check for continuity of the wiring between the engine ECU connector **X193** and the relay K-14 holder. Check between the pin 2 of the holder and the pin 27 of **X193** and between pin 5 of the holder and pins 3 and 4 of **X193**. If an open circuit is indicated at any stage repair or replace the wiring as required.
   - B. If continuity is good remove the fault code from the ECU memory, using the electronic service tool and operate the engine. The fault may be intermittent, wiggle test the harness to attempt to induce the fault. If fault reoccurs repeat step 4. If fault does not occur continue with vehicle operation.

Series 1348 and above
Wiring harness - Electrical schematic frame 02 (A.30.A.88-C.20.E.02)
Series 1206-1347
Wiring harness - Electrical schematic frame 03 (A.30.A.88-C.20.E.03)
Series 1206-1347
Wiring harness - Electrical schematic frame 24 (A.30.A.88-C.20.E.24)
Series 1348 and above
Wiring harness - Electrical schematic frame 29 (A.30.A.88-C.20.E.29)

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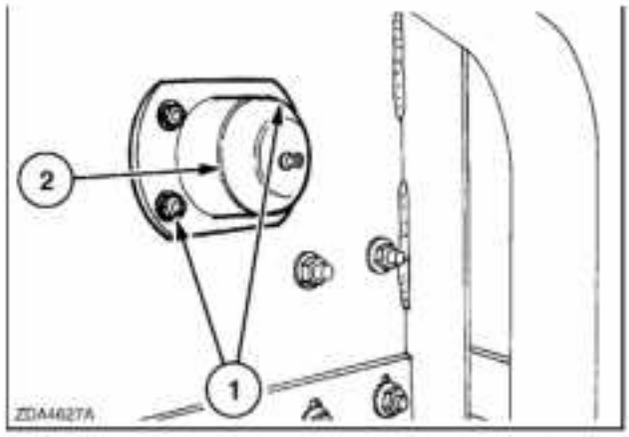
4. Before install washer(s) **(1)** and circlip **(2)** of the right-hand side bearing, check the dimension given in **Straw walker Bearing - Dimension (K.42.E.58.40 - D.40.A.30)** and adjust, if needed.

NOTE: *The clearance between washers **(1)** and circlip **(2)** is maximum **1 mm**. **(5/128 in**.)*



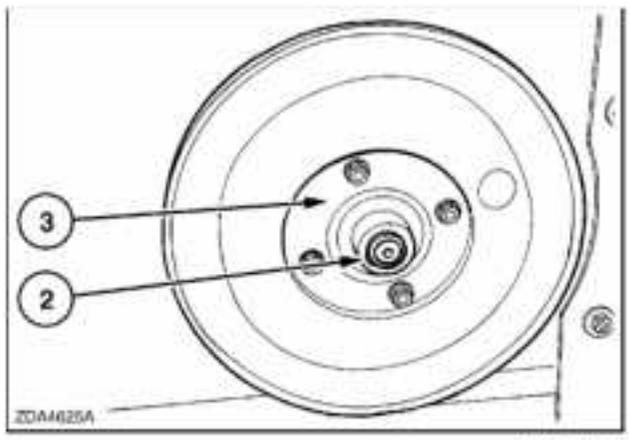
4

5. Install grease cover **(2)** and tighten them with nuts **(1)**.



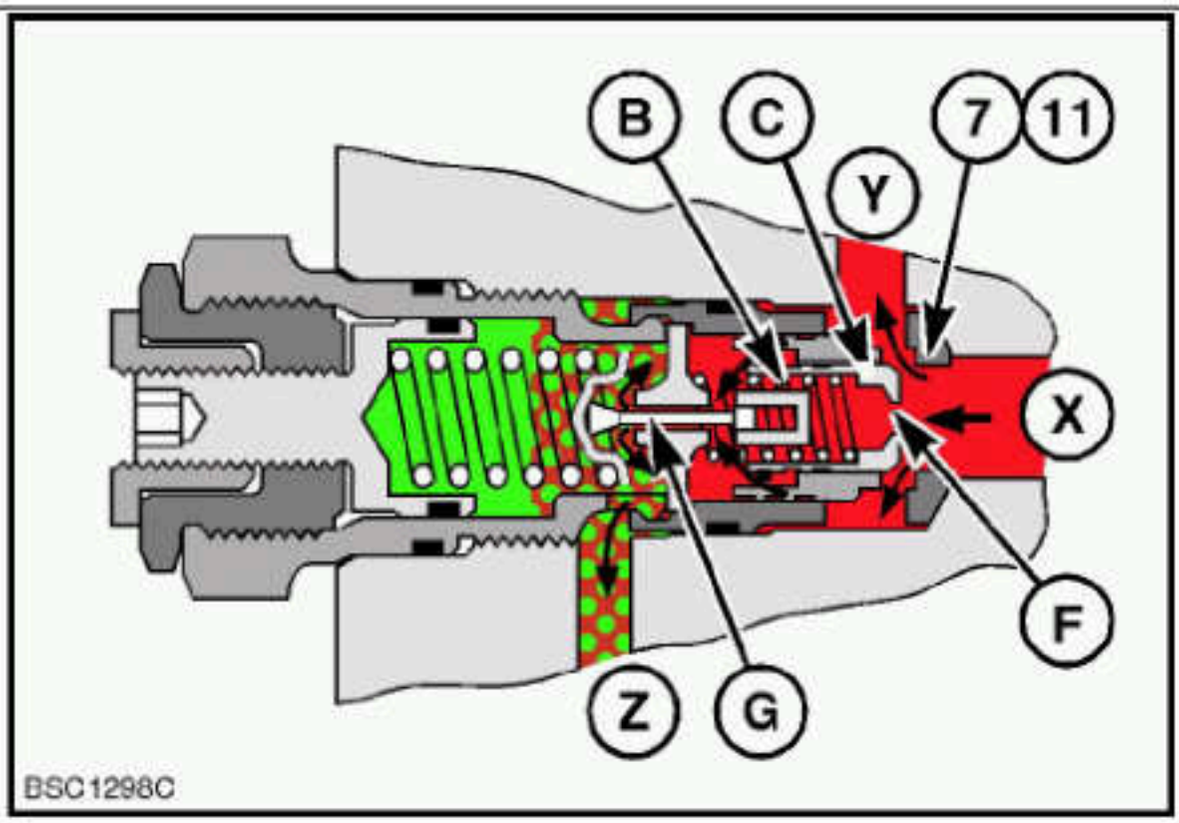
5

6. At the right-hand side install V-pulley **(3)** and circlip **(2)**.
Grease the bearings on both sides.



6

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BSC1298C 5

Bypass Valve 8d-9d

When the bypass actuator **(H)**, is turned 31/2 turns counterclockwise the force on poppet **(J)**, is reduced. This sets the pressure limiter valve at near zero setting. When the pump is not turning but pressure is generated in the high pressure lines by the motor (motor acting as a pump), poppet **(J)**, moves to the left, oil flows from port **(X)**, through opening **(G)**, to port **(Z)**. Plunger **(C)**, will also move easily to the left allowing the pressurized oil from port **(X)**, to flow to port **(Y)**. As pressure increases to the valve which equals spring **(B)**, plunger **(C)**, will move to the left and allowing oil to flow directly from port **(X)**, to port **(Y)**, (oil keeps flowing from port **(X)**, to port **(Z)**).

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