



Service Repair Manual

Model

432F BACKHOE LOADER

Product: BACKHOE LOADER

Model: 432F BACKHOE LOADER LNR

Configuration: 432F Backhoe Loader LNR00001-UP (MACHINE) POWERED BY C4.4 Engine

Disassembly and Assembly

416F, 420F, 422F, 428F, 430F, 432F, 434F and 444F Backhoe Loaders Power Train

Media Number -UENR2303-02

Publication Date -01/04/2013

Date Updated -15/04/2013

i05098080

Transmission (Direct Drive) - Assemble

SMCS - 3030-016-DD; 3066-016

S/N - FBN1-UP

S/N - FLY1-UP

S/N - JWJ1-UP

S/N - KSF1-UP

S/N - LBH1-UP

S/N - LDH1-UP

S/N - LDY1-UP

S/N - LJJ1-UP

S/N - LKH1-UP

S/N - LNH1-UP

S/N - LNR1-UP

S/N - LRH1-UP

S/N - LTG1-UP

S/N - LWT1-UP

S/N - PXR1-UP

S/N - RAK1-UP

S/N - RDF1-UP

S/N - RGS1-UP

S/N - SEJ1-UP

S/N - SJW1-UP

S/N - SKR1-UP

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-5750	Engine Stand	1
B	6V-2157	Link Bracket	2
D	4C-3652	Spring Compressor	1
G	1P-1859	Retaining Ring Pliers	1
H	8T-5096	Indicator	1
J	1P-0510	Driver Gp	1
K	-	Loctite Retaining Compound 620	1
L	-	Loctite High Flex Gasket Maker	1
M	1H-9721	Expansion Plug	1
N	1U-6343	Threaded Rod 8"	1
	6V-8149	Nut	1

Note: The transmission will be assembled in major components. The major components will then be assembled.

Note: Apply a light film of clean transmission oil to all components before assembly.

Transmission case



Illustration 1

g01379306

1. Install O-ring seals (96) onto relief valve (94) .



Illustration 2

g01379305

2. Install O-ring seals (95) onto converter relief valve (93) .

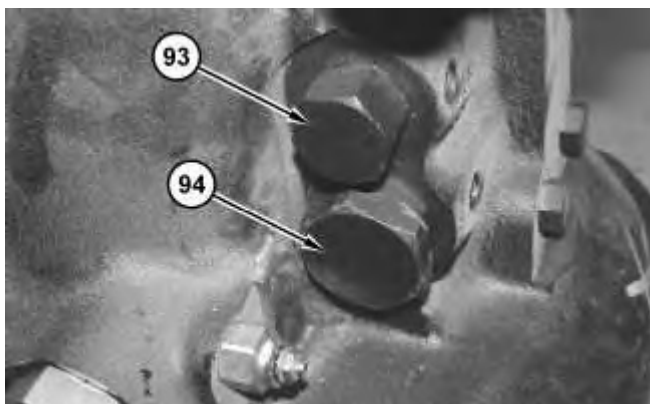


Illustration 3

g01379293

3. Install converter relief valve (93) and relief valve (94) . Tighten converter relief valve (93) to a torque of 23 to 30 N·m (17 to 22 lb ft). Tighten relief valve (94) to a torque of 46 to 60 N·m (34 to 44 lb ft).



Illustration 4

g01379291

4. Follow the following procedure to install speed sensor (92) .
 - a. Hand tighten the sensor until the end of the sensor makes contact with the gear.
 - b. Turn the sensor counterclockwise between a half of a turn and a full turn. This will set the air gap to 1.42 mm (0.056 inch).
 - c. Tighten the locknut to a torque of 26 N·m (19 lb ft) after adjustment of the sensor. Secure the locknut with Tooling (L) .

Note: Do not allow the sensor to turn as the locknut is tightened.

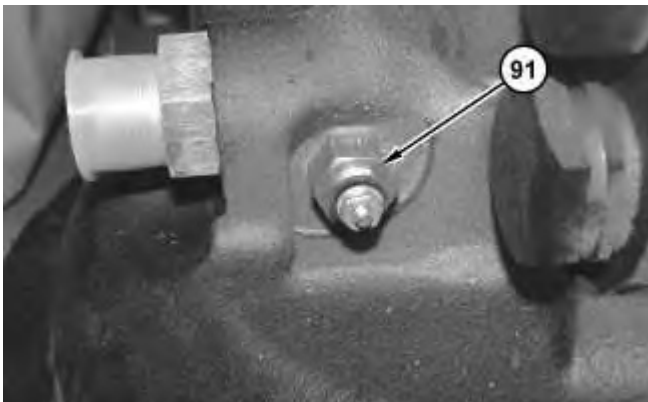


Illustration 5

g01379287

5. Install temperature sensor (91) . Tighten temperature sensor (91) to a torque of 18 to 24 N·m (13 to 18 lb ft).

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com