



Service Repair Manual

Models

966F WHEEL LOADER

Product: WHEEL LOADER

Model: 966F WHEEL LOADER 8BG

Configuration: 966F WHEEL LOADER 8BG00001-01999 (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly 966F Series II Wheel Loader Power Train

Media Number -SEN5923-05

Publication Date -01/10/2004

Date Updated -07/10/2004

i01592831

Torque Converter - Disassemble

SMCS - 3101-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	6V-2156	Link Bracket	2
B	1P-0510	Driver	1
C	2P-8312	Pliers	1

Start By:

- A. Separate the torque converter from the transmission. Refer to Disassembly and Assembly, "Torque Converter from Transmission, Output Transfer Gears - Separate".

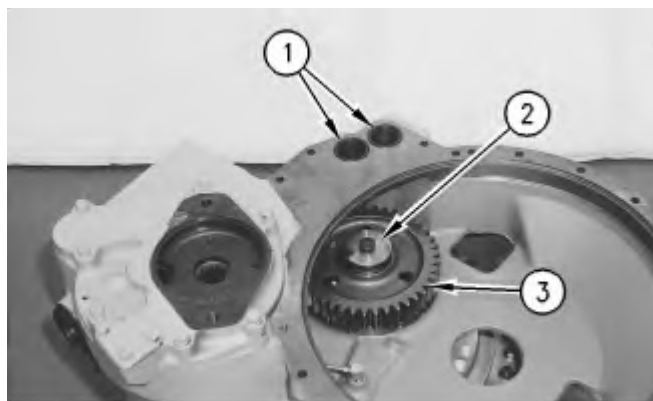


Illustration 1

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1. Remove O-ring seals (1) from the torque converter housing.
2. Remove the bolt, retainer (2) and gear (3) from the output shaft.

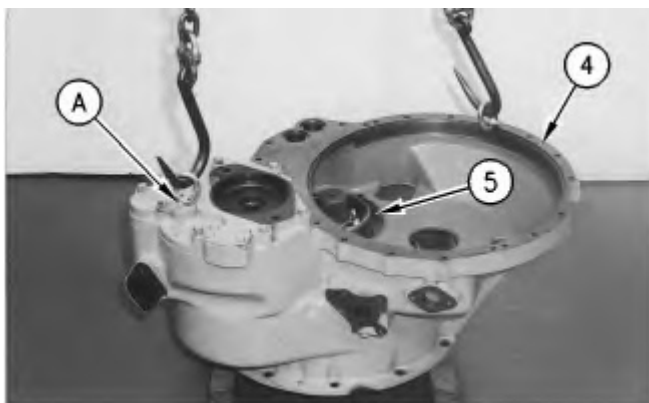


Illustration 2

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3. Fasten Tooling (A) and a hoist to torque converter housing (4), as shown. Remove eight bolts (5) and torque converter housing (4). The weight of the torque converter housing is 113 kg (250 lb).

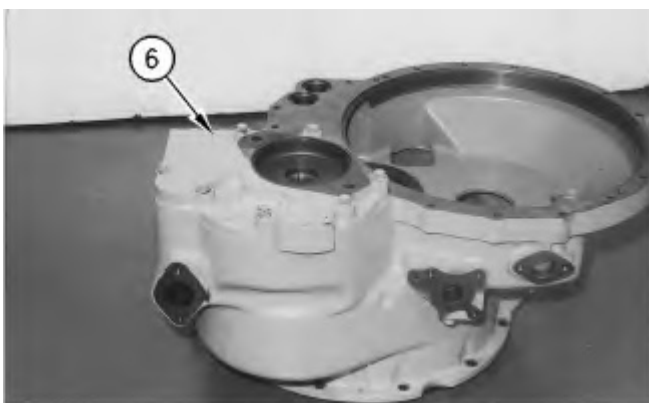


Illustration 3

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4. Remove the bolts and transmission oil pump (6) from the torque converter housing.
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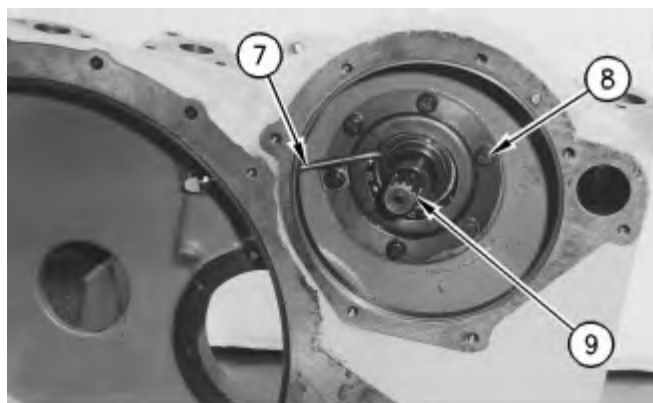


Illustration 4

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5. Pull shaft (9) out of the oil pump drive gear.
6. Remove bolts (8) and tube assembly (7) from the torque converter housing.



Illustration 5

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7. Remove transmission oil pump drive gear (10) from the other side of the torque converter housing.

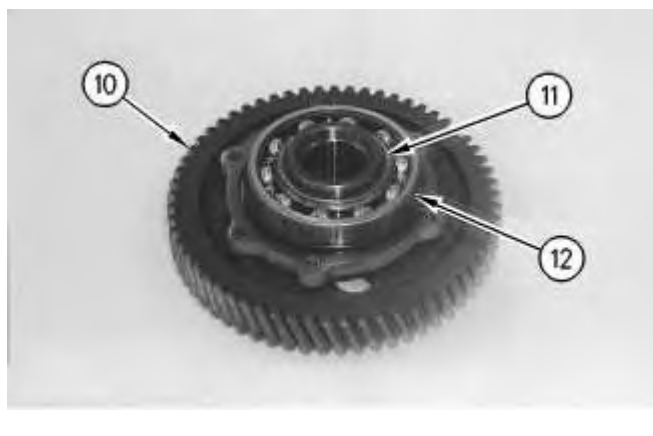


Illustration 6

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8. Remove retaining ring (11) that holds bearing (12) on gear (10) .

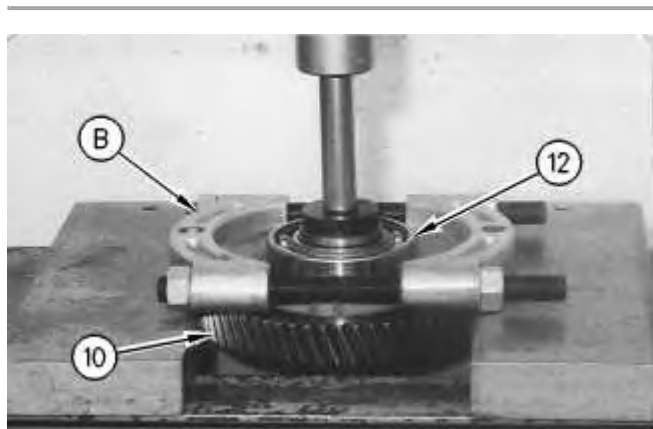


Illustration 7

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9. Use Tooling (B) and a press in order to push gear (10) out of bearing (12) .

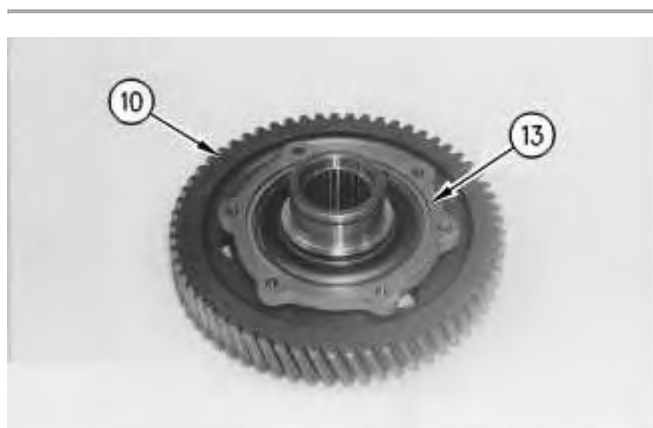


Illustration 8

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10. Remove bearing retainer (13) from gear (10) .
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