CATERPILLAR®

Service Repair Manual

Models

962G Wheel Loader

Disassembly and Assembly

950G and 962G Wheel Loaders and IT62G Integrated Toolcarrier Power TrainMedia Number -SENR1381-10Publication Date -01/10/2007Date Updated -25/10/2007

i05754103

Torque Converter - Disassemble

SMCS - 3101-015

Disassembly Procedure

Required Tools			
Tool	Part Number	Part Description	Qty
Α	439-3940	Link Bracket	3
В	1P-7405	Eyebolt	2
С	2P-8312	Retaining Ring Pliers	1

Start By:

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

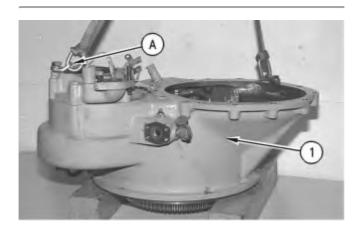


Illustration 1

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1. Use Tooling (A) and a suitable lifting device to place torque converter housing (1) onto suitable cribbing, as shown.

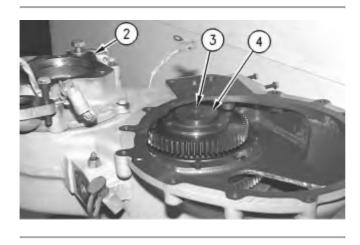


Illustration 2

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- 2. Remove transmission oil pump (2). Refer to Disassembly and Assembly, "Transmission Oil Pump Remove".
- 3. Remove bolt (3) and washer (4).

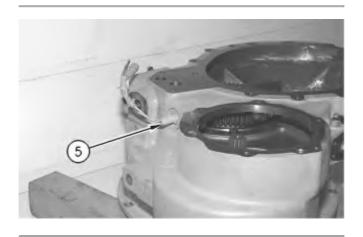


Illustration 3

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4. Remove torque converter speed sensor (5).

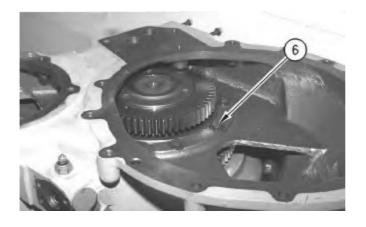


Illustration 4

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5. Remove bolts (6) that hold the torque converter to the torque converter housing.

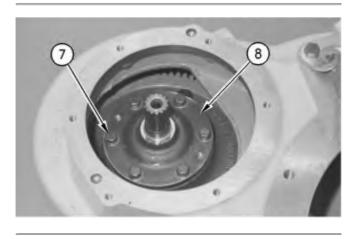


Illustration 5

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6. Remove bolts (7) and pump drive flange (8).

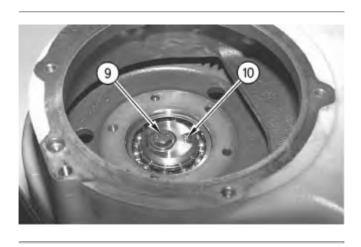


Illustration 6

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7. Remove bolt (9) that holds shaft (10) to the torque converter housing.

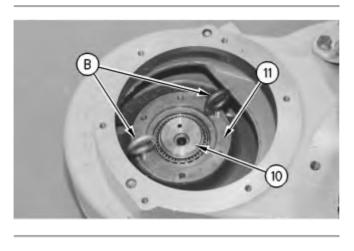


Illustration 7

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- 8. Install Tooling (B) in pump drive gear (11).
- 9. Lift pump drive gear (11) and drive gear shaft (10) . Lift drive gear shaft (10) out of the torque converter housing bore.
- 10. Place the assembly to one side of the torque converter housing bore. Make sure that drive gear shaft (10) is not in the torque converter housing bore.

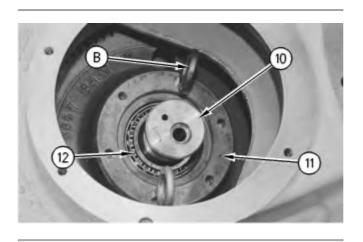


Illustration 8

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- 11. Remove Tooling (B) from pump drive gear (11).
- 12. Remove drive gear shaft (10) from pump drive gear (11).
- 13. Remove bearing (12) from pump drive gear (11).

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