



Service Repair Manual

Models

924G and 924Gz Wheel Loader

Product: WHEEL LOADER

Model: 924GZ WHEEL LOADER RTA

Configuration: 924G 924Gz Wheel Loader RTA00001-UP (MACHINE) POWERED BY 3056E Engine

Disassembly and Assembly IT28G Integrated Toolcarrier and 924G, 924GZ and 928G Wheel Loaders Power Train

Media Number -REN6422-07

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i02247494

Transmission and Torque Converter - Disassemble

SMCS - 3001-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	180-3033	Repair Stand Set	1
C	138-7574	Link Bracket	2
D	4C-6136	Lifting Bracket	1
E	4C-6399	Compressor Assembly (Clutch Spring)	1
F	FT-2343	Plexiglass Cover	1
G	1P-2321	Combination Puller	1
H	4C-3652	Compressor Assembly (Clutch Spring)	1

Start By:

- Remove the transmission. Refer to Disassembly and Assembly, "Transmission and Torque Converter - Remove".

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

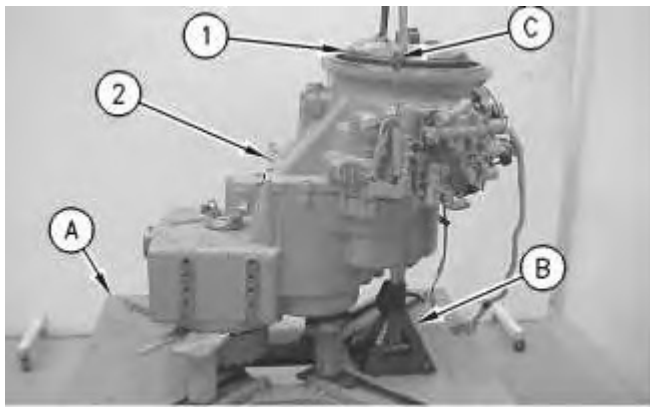


Illustration 1

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1. Use Tooling (C) and a suitable lifting device in order to position transmission (2) on Tooling (A) and (B), as shown. The weight of transmission (2) is approximately 500 kg (1100 lb).
2. Remove torque converter (1).



Illustration 2

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3. Remove bolts (3) and flex plate (4) from torque converter (1).

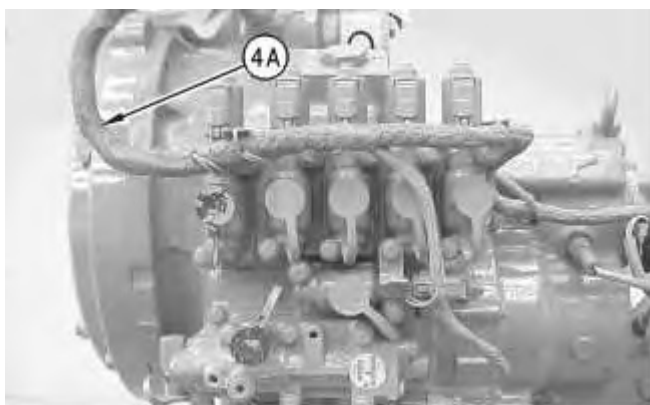


Illustration 3

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4. Disconnect harness assembly (4A) from the valve assembly.

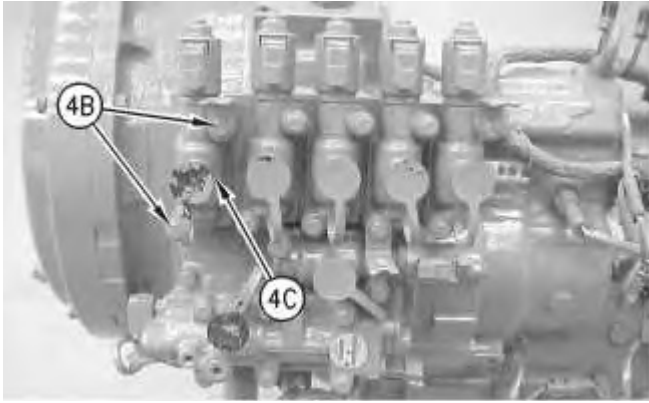


Illustration 4

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Note: Mark each valve group for installation purposes.

5. Remove bolts (4B) and remove valve assembly (4C).
6. Repeat Step 5 for the remaining valve assemblies.

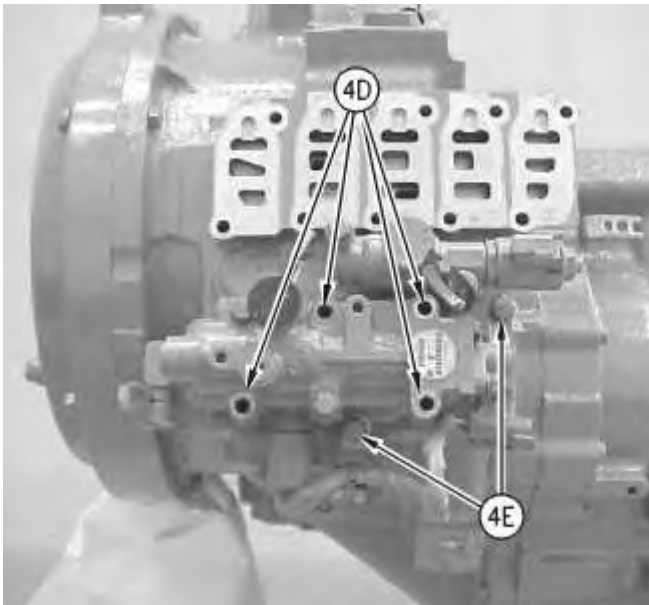


Illustration 5

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7. Remove bolts (4D) from the relief valve. Remove bolts (4E) and remove the manifold assembly.
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Illustration 6

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8. Remove bolts (5) and plate (6).



Illustration 7

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9. Remove lip seal (7) and seal (8).

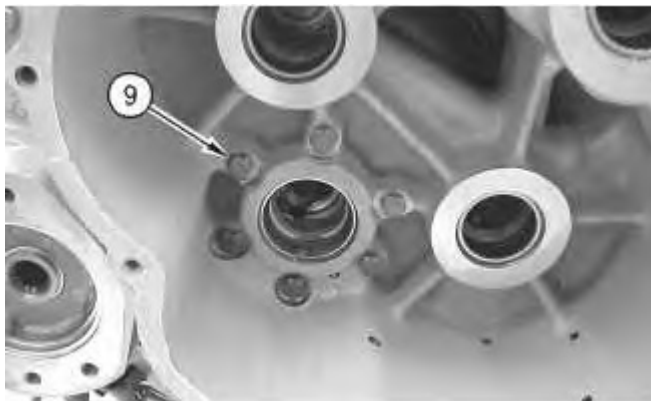


Illustration 8

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10. Remove bolts (9).

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