



Service Repair Manual

Models

992G Wheel Loader

Product: WHEEL LOADER

Model: 992G WHEEL LOADER 7HR

Configuration: 992G Wheel Loader 7HR00001-UP (MACHINE) POWERED BY 3508B Engine

Disassembly and Assembly 854G Wheel Tractor and 992G Wheel Loader Power Train

Media Number -SEN5894-13

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i01270892

Transmission Planetary - Disassemble

SMCS - 3160-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Stand	1
B	138-7575	Link Bracket	2
C	138-7573	Link Bracket	2
D	1P-1863	Pliers	1
E	1P-0520	Driver Group	1
F	FT-0833	Clamp	2
G	1P-1861	Pliers	1

Start By:

- Separate the input transfer gears and the output transfer gears from the transmission. Refer to Disassembly and Assembly, "Transmission from Input Transfer Gears and Output Transfer Gears - Separate".

Note: When the transmission is disassembled, keep the clutch plates and the clutch discs in the original sequence.

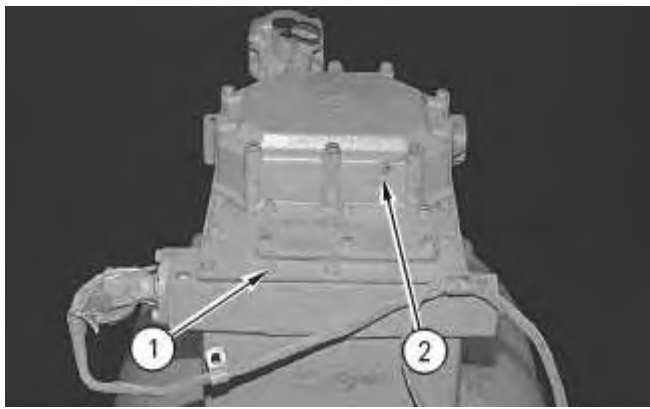


Illustration 1

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1. Remove bolts (1), cover (2) and the gasket from the transmission case assembly.

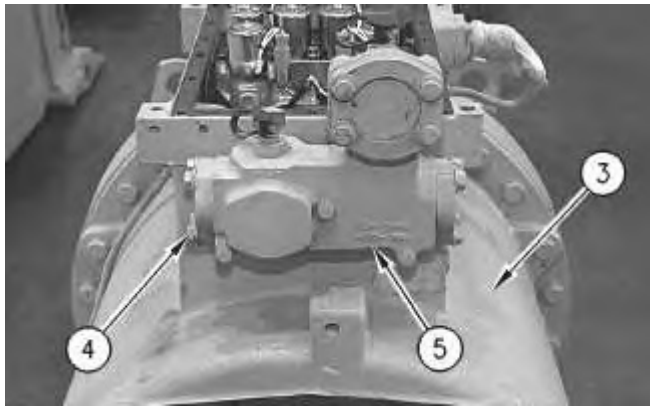


Illustration 2

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2. Remove bolts (4) and the washers.
3. Remove manifold (5) from transmission case assembly (3) .

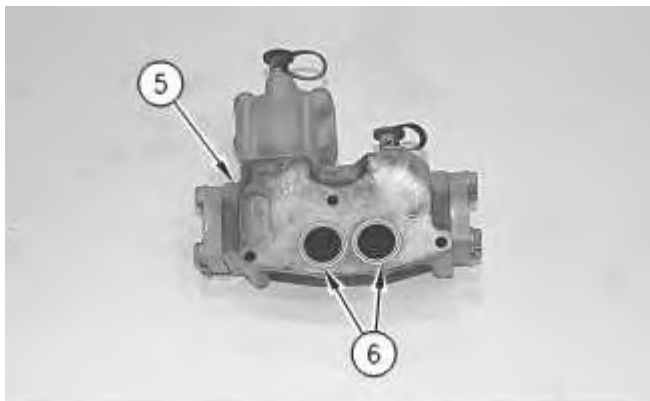


Illustration 3

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4. Remove two O-ring seals (6) from manifold (5) .

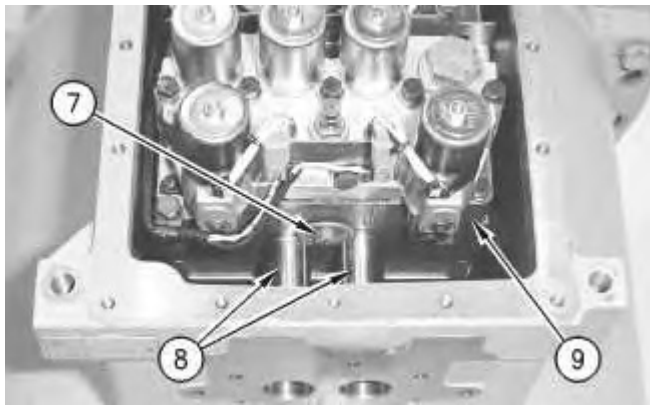


Illustration 4

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5. Remove bolt (7) and the washer. Remove two sleeves (8) from transmission hydraulic control valve (9) .

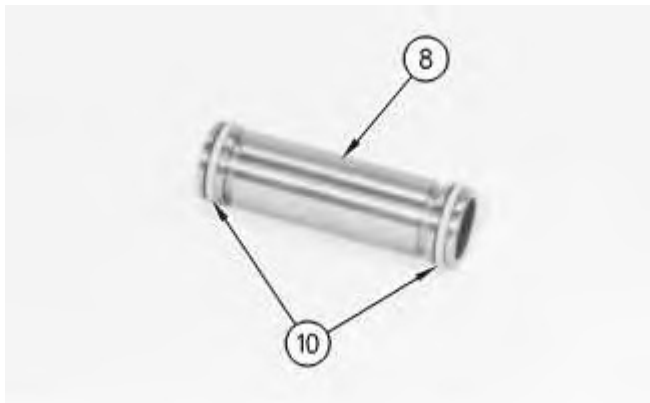


Illustration 5

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6. Remove two O-ring seals (10) from each sleeve (8) .
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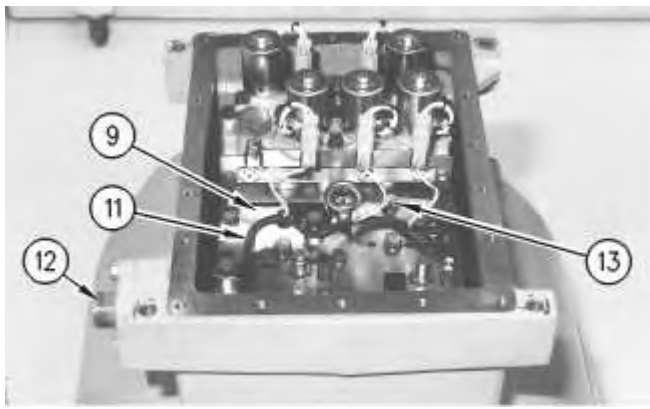


Illustration 6

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7. Remove nut (11) from wiring harness connector plug (12) .
8. Remove bolts (13) from transmission hydraulic control valve (9) .

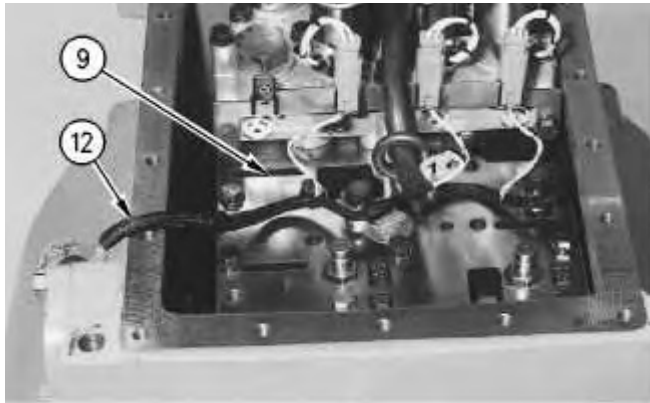


Illustration 7

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9. Slide transmission hydraulic control valve (9) to the side. Pull wiring harness connector plug (12) from transmission case assembly (3) .
10. Use a hoist and a suitable lifting sling to remove transmission hydraulic control valve (9) from the transmission. The weight of the transmission hydraulic control valve is 55 kg (120 lb).

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