



Service Repair Manual

Models

D7G TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D7G TRACK-TYPE TRACTOR 7MB

Configuration: D7G TRACK-TYPE TRACTOR 7MB00001-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly

D7G and D7G Series II Track-Type Tractors Power Train

Media Number -KENR6354-02

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i02627420

Transmission - Disassemble

SMCS - 3030-015

Disassembly Procedure

Table 1

Required Tooling			
Tool	Part Number	Part Description	Qty
A	1P-2420	Repair Stand	1
B	1P-7407	Eyebolt	2
C	1P-7405	Eyebolt	3
D	1U-7600	Puller Assembly	1
E	8B-7548	Puller Assembly	1
	8B-7551	Bearing Puller Attachment	1
	8B-7549	Leg	2
	8B-7550	Leg	2
	8B-7555	Adapter	2
	8H-0684	Ratchet Box Wrench	1
	8B-7560	Step Plate	1
F	8B-7548	Puller Assembly	1
	8B-7551	Bearing Puller Attachment	1
	8B-7550	Leg	2
	8H-0684	Ratchet Box Wrench	1

	8B-7560	Step Plate	1
G	FT-0833	Clamp	2
H	-	Screw 6 - 40	1
J	5J-0490	Bolts	3
K	1P-0510	Driver Gp	1
L	5B-4274	Bolt	3
M	138-7573	Link Bracket	1
	1P-0510	Driver Gp	1
	5P-8707	Bearing Puller Adapter	1
	3H-0468	Puller Plate	4
	1H-3108	Push-Puller Leg	2
N	1U-9889	Crossblock	1
	1P-0820	Hydraulic Puller	
	1H-3110	Bearing Puller Gp	1
	1A-1935	Nut	2
P	-	Bolts 1/4 × 20 inch	3
Q	8B-7551	Bearing Puller Gp	1

Start By:

- A. Remove the transmission and transfer gears. Refer to Disassembly and Assembly, "Transmission and Transfer Gears - Remove".

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

Transmission

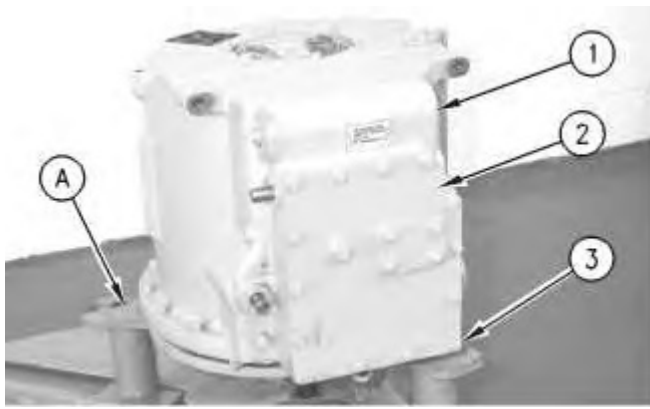


Illustration 1

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1. Position transmission (1) on Tooling (A). Remove bolts (3) and cover (2) .

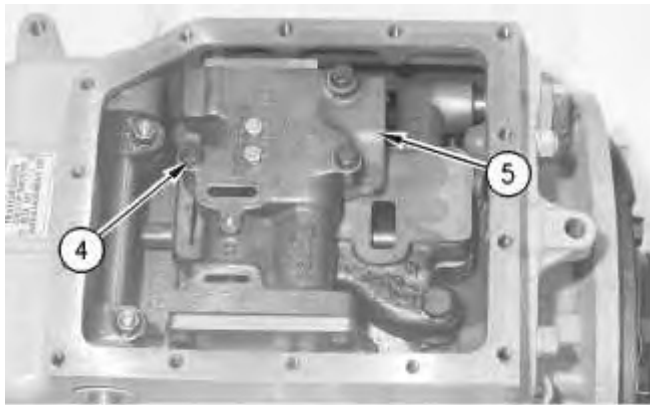


Illustration 2

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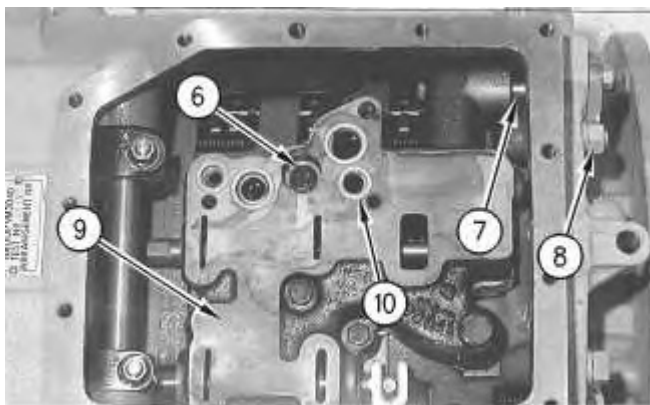


Illustration 3

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2. Remove bolts (4). Remove pressure control valve (5). Remove cover (8). Remove tube (7) and the O-ring seals.

3. Remove bolts (6). Remove valve assembly (9). Remove O-ring seals (10) .

Note: For the disassembly procedure of the transmission hydraulic control valves, refer to Disassembly and Assembly, "Transmission Hydraulic Control - Disassemble".

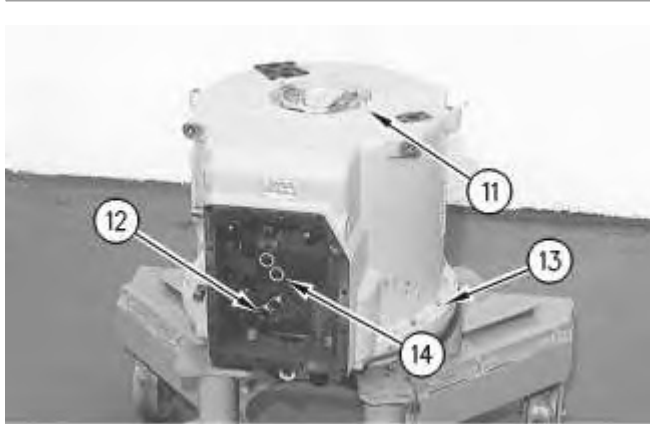


Illustration 4

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4. Remove all sleeves (12) that were not removed with valve assemblies. Remove O-ring seals (14) .
5. Remove bolts (11) and (13) .

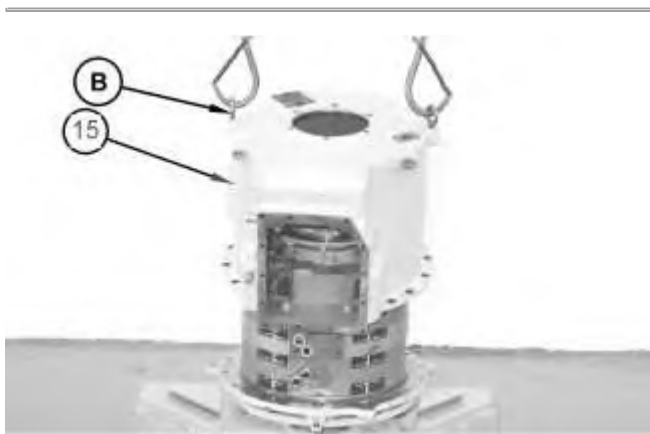


Illustration 5

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6. Install Tooling (B) and a suitable lifting device to transmission case (15). The weight of transmission case (15) is approximately 63 kg (140 lb). Remove transmission case (15) .
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