



Service Repair Manual

Models

D9R TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D9R TRACK-TYPE TRACTOR 8BL

Configuration: D9R Track-Type Tractor Power Shift 8BL00830-01052 (MACHINE) POWERED BY 3408 Engine

Disassembly and Assembly D9R Track-Type Tractor Power Train

Media Number -SEN5387-14

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i07380491

Final Drive Planetary Carrier (In Chassis) - Remove

SMCS - 4092-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5P-8622	Shackle	1
	151-2816	Plate	1
	142-6893	Adjustable Hook Gp	1
	5P-8732	Adapter	1
	1D-4609	Bolt	3
	2J-3505	Full Nut	3
	5H-1504	Hard Washer	6
B	6V-3170	Double Acting Cylinder	1
	6V-3009	Crossbar	1
	9U-6600	Hand Hydraulic Pump	1
C	1P-1837	Bearing Puller Adapter	2
D	1P-0520	Driver Group	1

Start By:

- a. Remove the axles.

Note: Retainer (3), ring (4), spiral lock ring (5), cover (6), and bolts (7) and (9) were removed when the axles were removed.

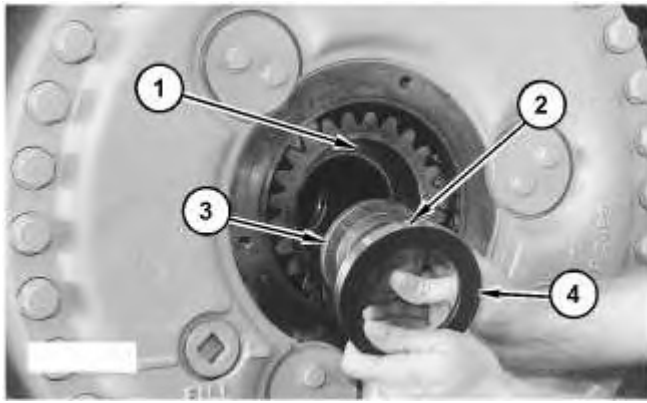


Illustration 1

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1. Install retainer (3). Make an alignment of notch (2) in ring (4) with dowel (1). Install ring (4).

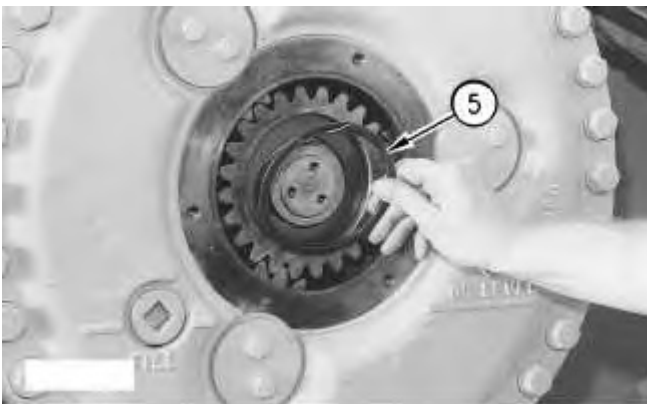


Illustration 2

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2. Install spiral lockring (5).



Illustration 3

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- Put cover (6) in position on the final drive.

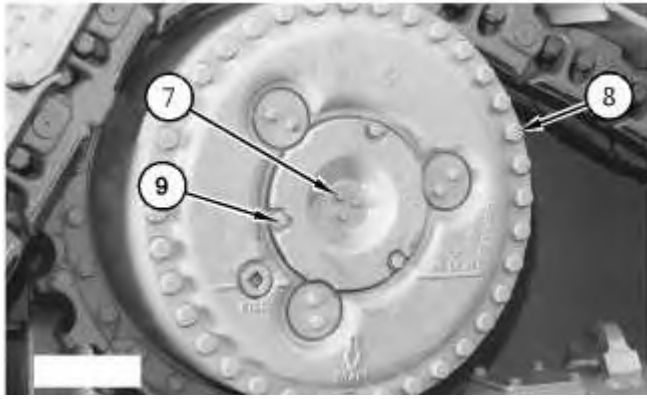


Illustration 4

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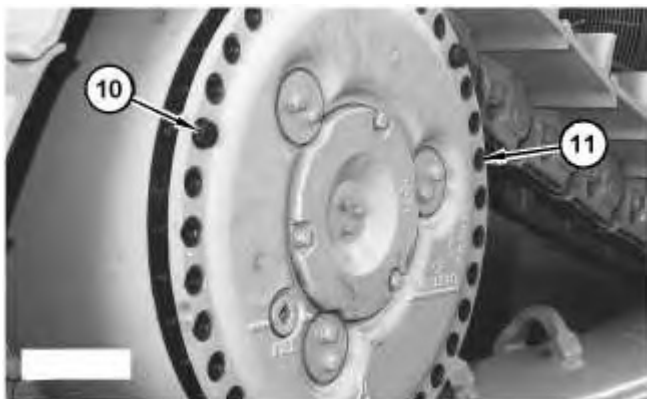
- Install three bolts (7). Install three bolts (9) that hold cover (6) to the final drive. The cover, the spiral lockring, the retainer, and the ring must be installed to hold both carriers together during the removal. One carrier may be free to drop if this procedure is not followed.
- Remove three bolts (8) that are an even distance from each other on the final drive.



Illustration 5

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- Install three bolts that are 3/4 inch - 10 NC x 3.5 inch in the final drive. Remove the remainder of bolts (8).



7. Use a pry bar to move out planetary carrier (11). Move out planetary carrier (11).

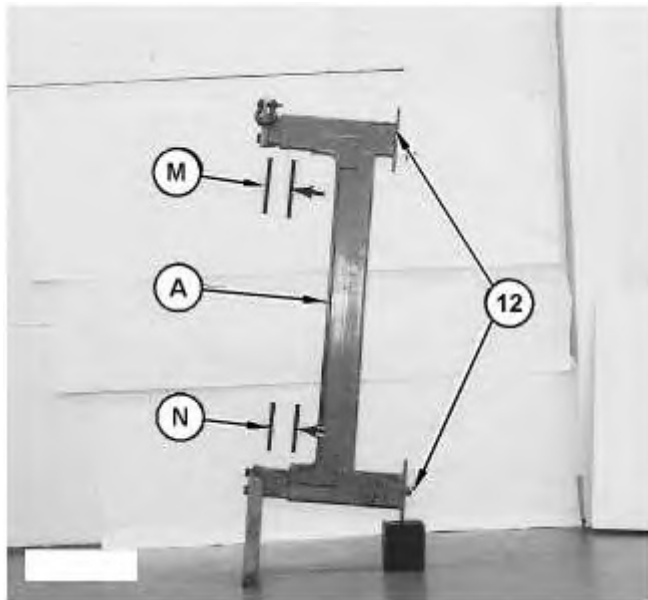


Illustration 7

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Note: Make sure that the short support of Tooling (A) is on the bottom and that the long support is on the top when Distances (M) and (N) are made.

8. Make an adjustmentbolts (12) on Tooling (A) so that Distance (M) is 85 mm (3.35 inch) and Distance (N) is 176 mm (6.93 inch).

Note: Sun gear (13) is free to fall when the planetary carriers are removed.

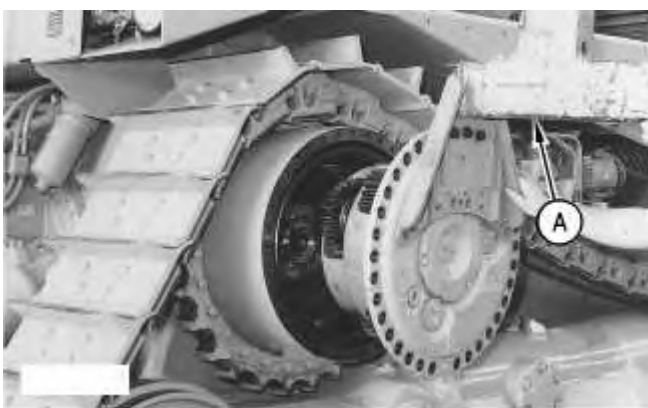


Illustration 8

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