



# Service Repair Manual

## **Models**

# D9R TRACK-TYPE TRACTOR

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Product: TRACK-TYPE TRACTOR

Model: D9R TRACK-TYPE TRACTOR ABK

Configuration: D9R Track-Type Tractor Differential Steering ABK00001-UP (MACHINE) POWERED BY 3408 Engine

## Disassembly and Assembly D9R Track-Type Tractor Power Train

Media Number -M0097695-00

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i03477582

## Final Drive - Disassemble

SMCS - 4050-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	3
B	8B-7548	Push-Puller Tool Group	1
	8H-0684	Ratchet Wrench	1
	8B-7554	Bearing Cup Puller	1
C	138-7573	Link Bracket	3
D	1P-0520	Driver Group	1
E	1P-0527	Plate	1
	6V-3160	Hydraulic Cylinder Gp	1
	5P-9695	Pressure Plate	1
	2S-4680	Stud	3
	5H-1504	Hard Washer	3
	6B-6682	Full Nut	3
	FT-1409	Spacer	6
	9U-6600	Hand Hydraulic Pump	1
F	138-7574	Link Bracket	2

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**Start By:**

- a. Remove the final drive. See Disassembly and Assembly, "Final Drive - Remove".



**WARNING**

**When you are using hydraulic cylinders and puller studs, always ensure that the rated capacity of the puller stud meets or exceeds the rated capacity of the hydraulic cylinder. If the puller stud does not meet or exceed the rated capacity of the hydraulic cylinder, a sudden failure of the puller stud could occur. The sudden failure of the puller stud could result in personal injury or death.**

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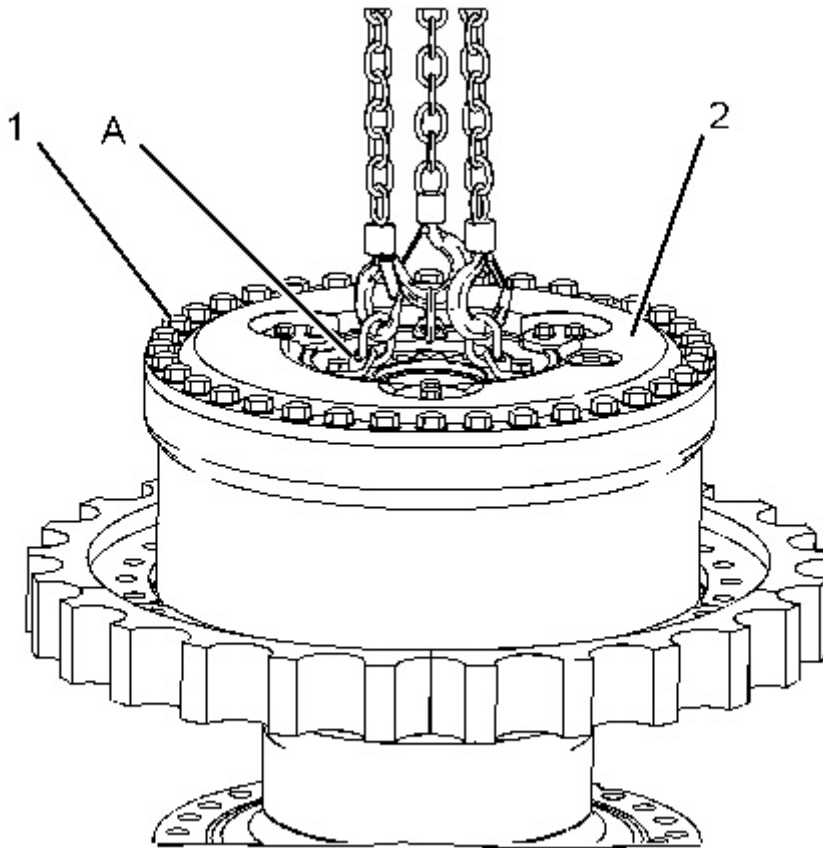
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**NOTICE**

**Do not use threaded rods that have not been hardened as tooling with hydraulic cylinders. The maximum rated tonnage should be stamped on one end of the puller studs. Do not use threaded rods that have not been stamped with the rated tonnage.**

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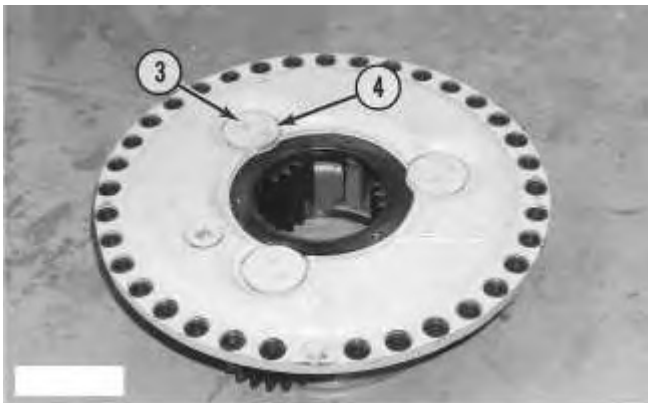


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Illustration 1

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1. Install Tooling (A) on the planetary carrier. Fasten a suitable lifting device to Tooling (A).
2. Remove bolts (1) that hold the planetary carrier to the hub.
3. Remove planetary carrier (2) from the hub. The weight is approximately 170 kg (375 lb).



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Illustration 2

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4. Remove bolts (3) and three plates (4). Remove the O-ring seals from the plates.
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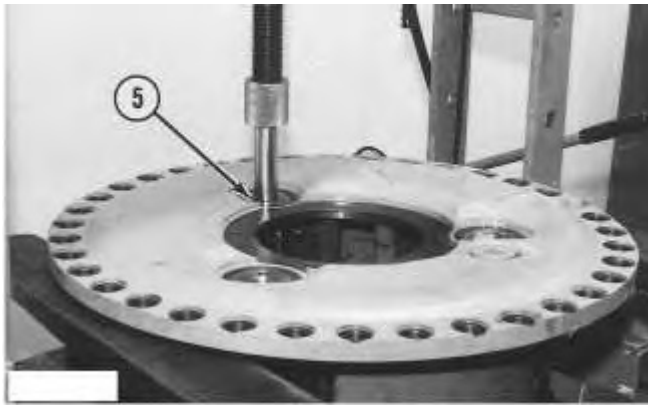


Illustration 3

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5. Use a suitable press to remove shafts (5) from the planetary carrier.

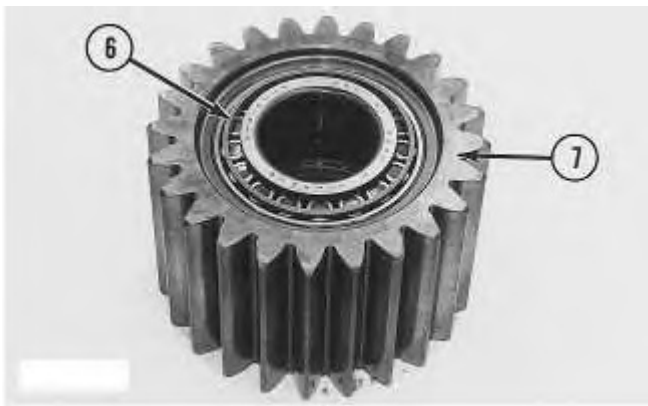


Illustration 4

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6. Remove gears (7) from the planetary carrier.
7. Remove bearing cones (6) from each side of gears (7).

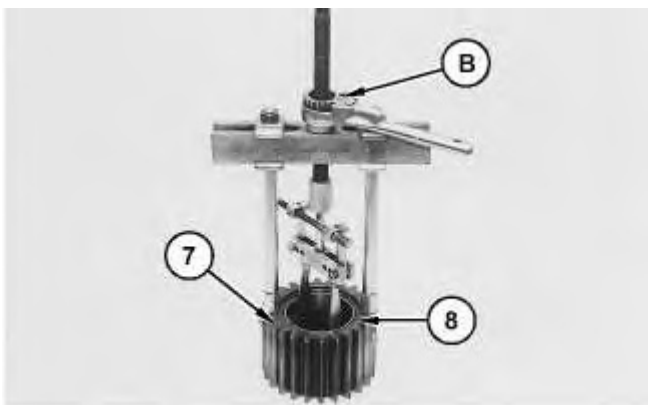


Illustration 5

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8. Remove bearing cups (8) from each side of gears (7) with Tooling (B).

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