



Service Repair Manual

Models

D8R II TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D8R II TRACK-TYPE TRACTOR 6YZ

Configuration: D8R Series II Track-Type Tractor 6YZ00001-UP (MACHINE) POWERED BY 3406E Engine

Disassembly and Assembly

D8R Series II Track-Type Tractor Power Train

Media Number -REN3677-06

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i02872867

Track - Disassemble

SMCS - 4170-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8S-9906	Ratchet Puller	1
B	9U-6600	Manual Pump	1
	150-6624	Track Tool Arrangement	1
	6V-4103	Forcing Pin	1
	8T-5133	Receiver	1
C	2S-8215	Guide Pin	2
D	9U-6600	Manual Pump	1
	6V-3170	Hydraulic Cylinder	1
E	9U-6600	Manual Pump	1
	150-6624	Track Tool Arrangement	1
	6V-4103	Forcing Pin	1
	6V-4105	Bushing Driver	1
	6V-4107	Bushing Adapter	1

1. Mark the track pin for removal. Position the track with this track pin between the front idler and the sprocket.

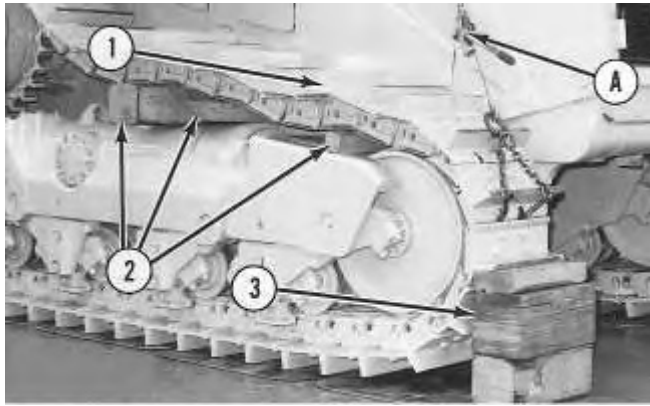


Illustration 1

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2. Position blocks (3) under the front of the track.
3. Position blocks (2) under the track.
4. Release the pressure in the track adjuster. See the procedure in Disassembly and Assembly, "Track - Separate" in this module.
5. Position tool (A) on the track. See Illustration 1. Use tool (A) to hold the track in position when the track pins are removed.
6. Remove the bolts.
- Note:** The track shoe weighs 28 kg (62 lb).
7. Use two persons in order to remove four track shoes (1).

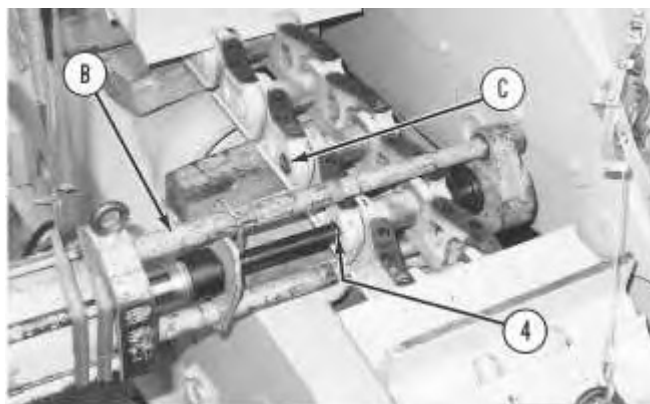


Illustration 2

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8. Attach a hoist to tool (B). Position tool (B) against the track pin.
9. Use tool (B) to push track pin out of the track.
10. Install tool (C) in order to hold the track together until the other track pin is removed.
11. Position tool (B) against track pin (4).

12. Push track pin (4) out of the track and install tool (C).
13. Remove tool (B) from the track.

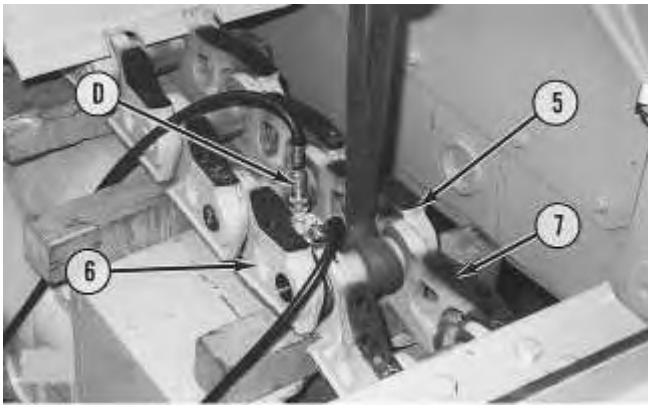


Illustration 3

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14. Position tool (D) between links (5) and (6).
15. Use tool (D) to force apart the links enough to move link (7) away from links (5) and (6).
16. Remove tool (C) from links (5), (6), and (7).

NOTICE

Do not damage the face of the seals when the track links are moved apart.

17. Attach a hoist to link (7).
18. Move the link away from links (5) and (6).
19. Position a block under link (7) in order to hold link (7) away from links (5) and (6).

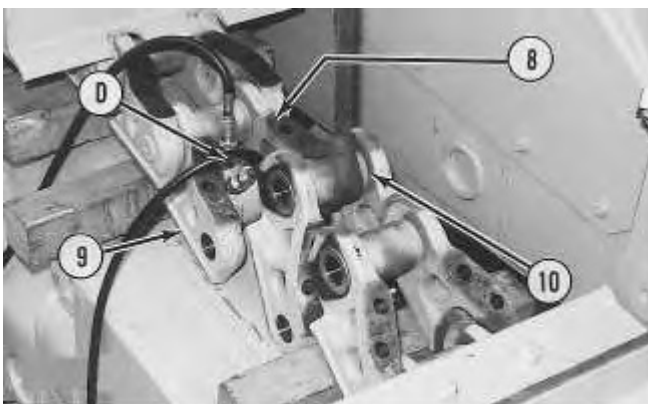


Illustration 4

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20. Position tool (D) between links (8) and (9).
21. Use tool (D) to force apart the links enough to remove link assembly (10).
- Note:** The link assembly weighs 23 kg (51 lb).
22. Attach a hoist to link assembly (10).
23. Remove tool (C) from links (8) and (9) and link assembly (10).
24. Remove link assembly (10).



Illustration 5

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25. Remove seals (11) from links (5) and (6).

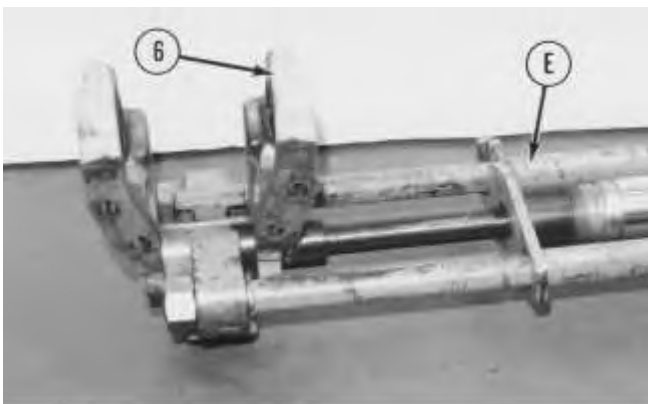


Illustration 6

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26. Position link assembly (6) in Tooling (E).
27. Use Tooling (E) to remove link (6) from the bushing.
28. Use Tooling (E) to remove the remaining link from the bushing.

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