



Service Repair Manual

Models

D6N TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D6N TRACK-TYPE TRACTOR ALY

Configuration: D6N XL, D/S, LGP TRACK-TYPE TRACTOR ALY00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly D6N Track-Type Tractor Power Train

Media Number -REN5257-04

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i02461619

Transmission - Disassemble

SMCS - 3030-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1864	Retaining Ring Pliers	1
B	136-1452	Retaining Ring Pliers	1
C	9U-7480	Compressing Tube	1
D	1P-1863	Retaining Ring Pliers	1
E	138-7573	Link Bracket	2

Start By:

- Separate the transmission and bevel gear. Refer to Disassembly and Assembly, "Transmission and Bevel Gear - Separate".

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

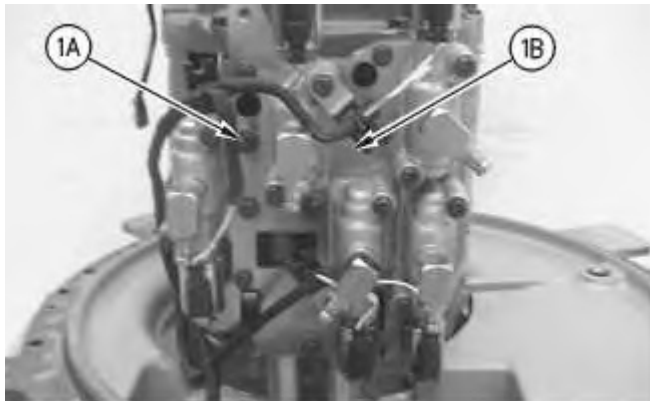


Illustration 1

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1. Remove four bolts (1A).
2. Remove transmission hydraulic control valve (1B).

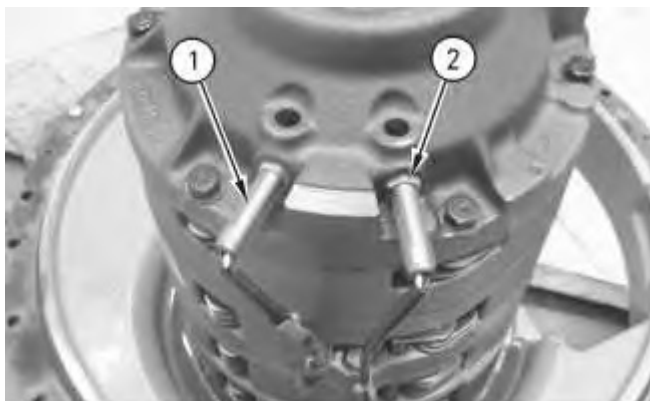


Illustration 2

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3. Loosen nuts (2).
 4. Remove sensors (1).
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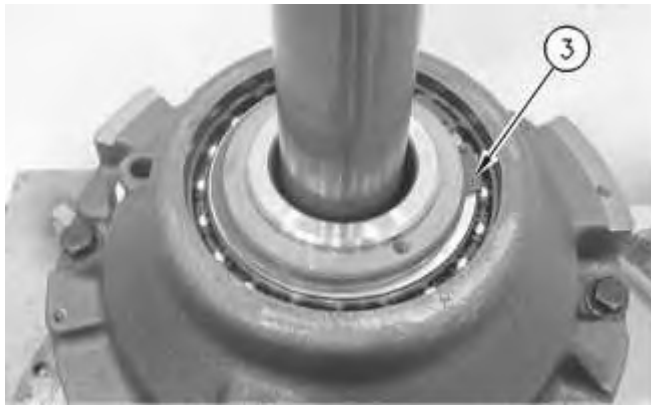


Illustration 3

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5. Use Tooling (A) in order to remove retaining ring (3).



Illustration 4

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6. Remove bolts (4) and housing (5).

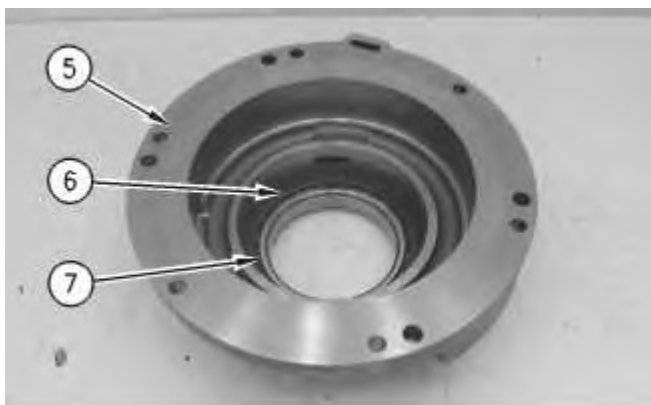


Illustration 5

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7. Remove ring (6) and bearing (7) from housing (5).

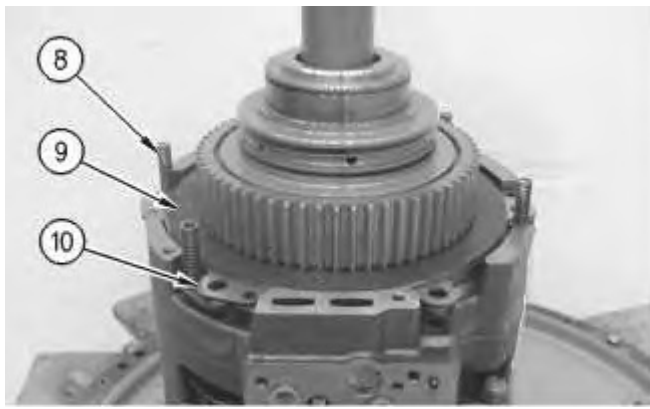


Illustration 6

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8. Remove springs (8), discs (9), and plates (10).



Illustration 7

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9. Remove piston (11).

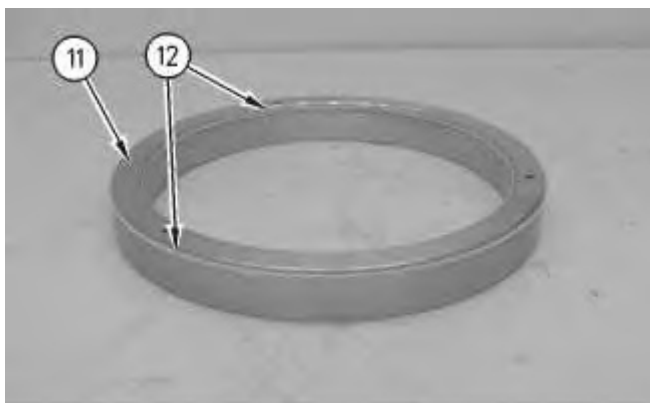


Illustration 8

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10. Remove seals (12) from piston (11).

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