



Service Repair Manual

Models

D6R II TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D6R II TRACK-TYPE TRACTOR BRJ

Configuration: D6R Series IIFTC, XL TRACK-TYPE TRACTORS BRJ00001-UP (MACHINE) POWERED BY C-9 Engine

Disassembly and Assembly D6R Series II Track-Type Tractor Power Train

Media Number -REN4257-03

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i04295991

Transmission - Remove

SMCS - 3030-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	369-6017	Transmission Case Cover	1
	142-6893	Adjustable Hook	1

Note: Cleanliness is an important factor. Clean the exterior of the component thoroughly in order to prevent dirt from entering the internal mechanism.

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: Put identification marks on all lines, on all hoses, on all wires, and on all tubes for installation purposes. Plug all lines, hoses, and tubes in order to prevent fluid loss and to keep contaminants from entering the system.

1. Drain the oil from the transmission into a suitable container for storage or disposal.
2. Lower the ripper to the ground.

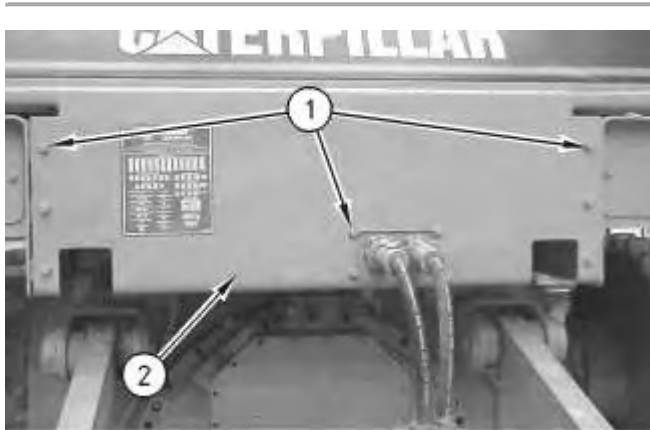


Illustration 1

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3. Remove bolts (1) . Remove cover (2) and lay cover (2) out of the way.

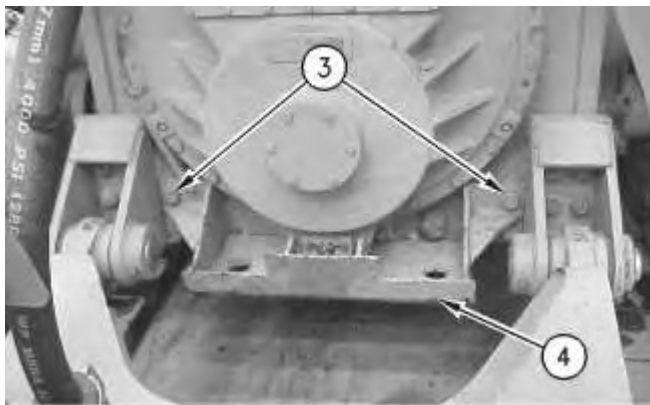


Illustration 2

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4. Remove bolts (3) . Remove guard (4) . The weight of guard (4) is approximately 26 kg (58 lb).
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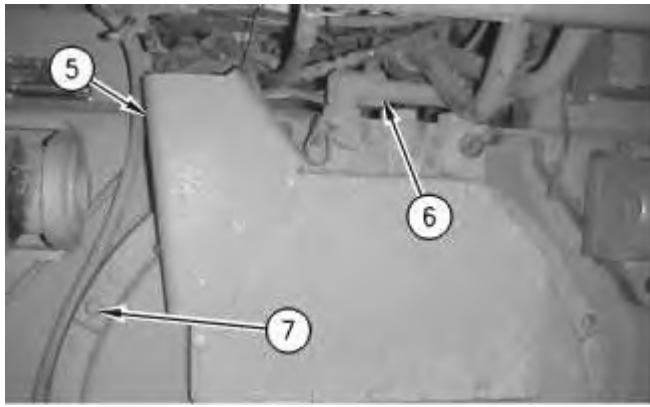


Illustration 3

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5. Remove guard (5) . Remove tube assembly (6) . Remove bolts (7) and separate the transmission from the differential case.

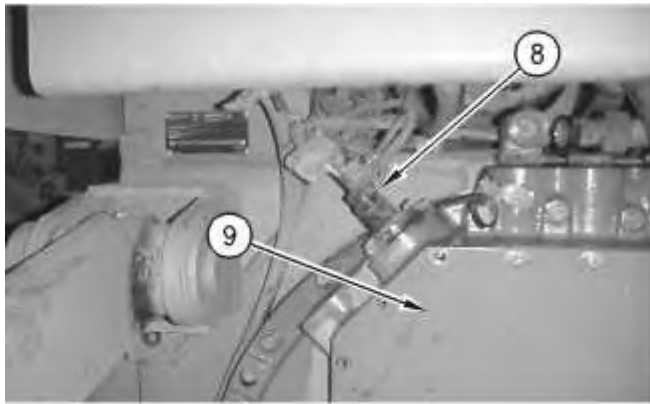


Illustration 4

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6. Disconnect harness assembly (8) . Remove cover (9) .

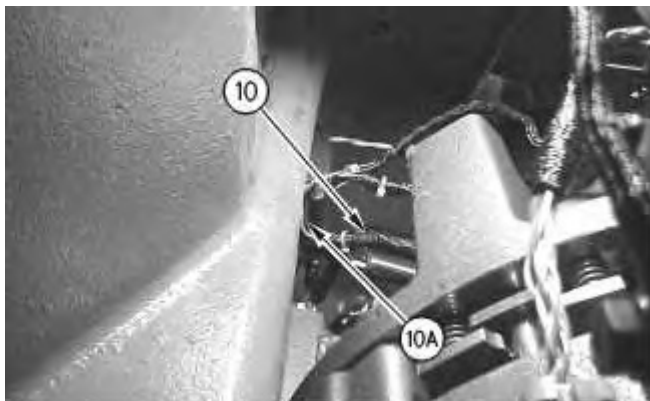


Illustration 5

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7. Disconnect harness assembly (10) from clips (10A) .

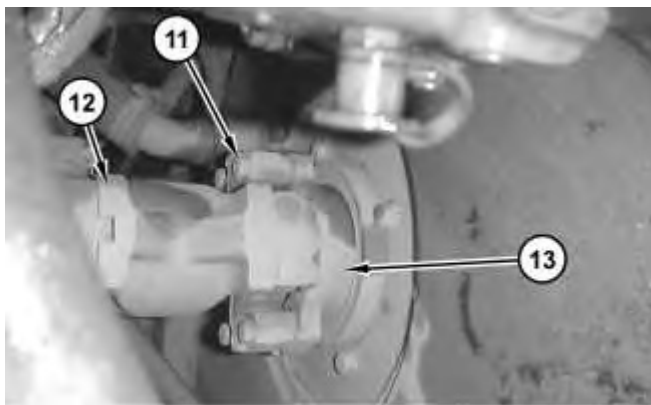


Illustration 6

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8. Remove bolts (11) , drive shaft (12) , and yoke (13) .

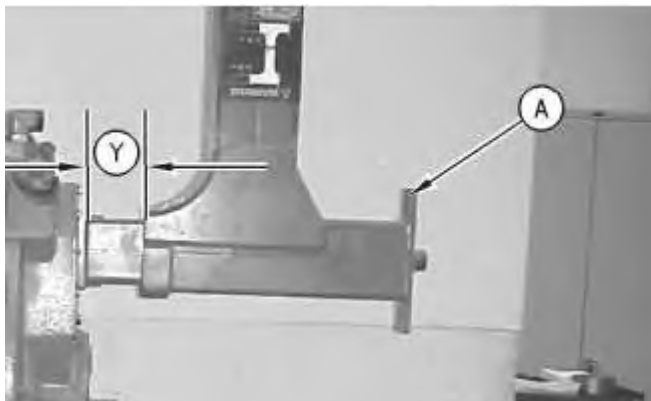


Illustration 7

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9. Install Tooling (A) . Adjust Tooling (A) to Dimension (Y) . Dimension (Y) is 127 mm (5.0 inch).

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