



Service Repair Manual

Models

329D and 329D L Excavator

S/N - WDK1-UP

S/N - WLT1-UP

S/N - XDB1-UP

S/N - YFW1-UP

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	9U-7692	Threaded Rod	2

Start By:

- A. Remove the travel brake valve. Refer to Disassembly and Assembly, "Counterbalance Balance (Travel) - Remove".

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, "Caterpillar Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

NOTICE

Keep all parts clean from contaminants.

Contamination of the hydraulic system with foreign material will reduce the service life of the hydraulic system components.

To prevent contaminants from entering the hydraulic system, always plug or cap the lines, fittings, or hoses as they are disconnected. Cover any disassembled components and clean them properly before assembly.

Clean the hydraulic system properly after any major component exchange or especially after a component failure, to remove any contamination.

1. Drain the oil from the final drive into a suitable container for storage or disposal.

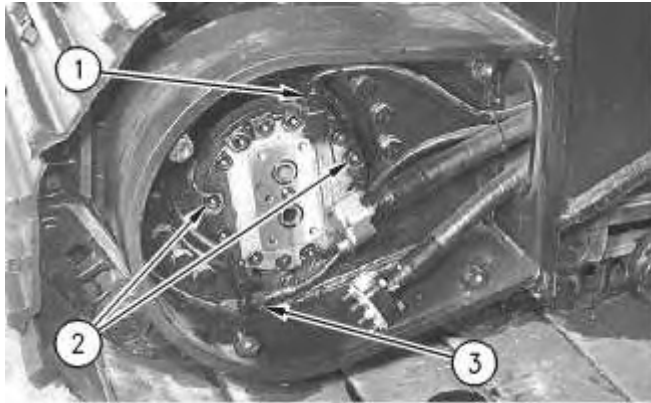


Illustration 1

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2. Disconnect hose assemblies (1) and (3) .
3. Remove two of four bolts (2) that secure the travel motor to the final drive.

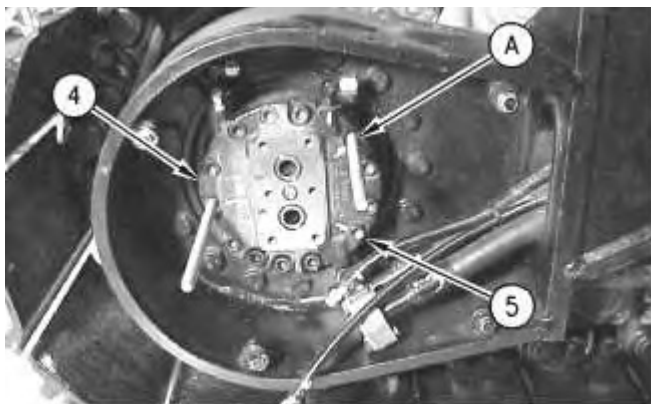


Illustration 2

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4. Install Tooling (A) in the place of the two bolts (2) that were removed.
 5. Remove remaining bolts (5) that secure travel motor (4) to the final drive.
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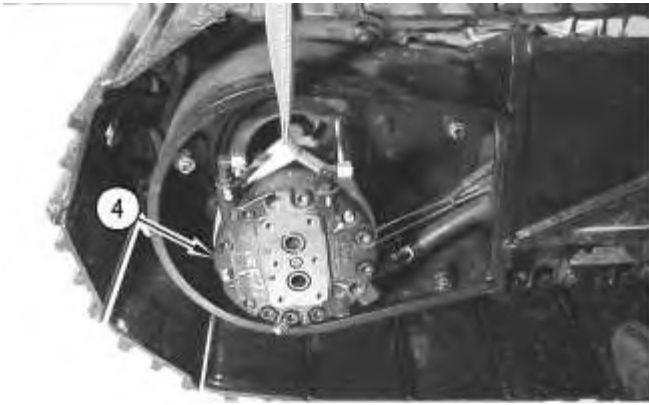


Illustration 3

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6. Attach a suitable lifting device to travel motor (4) .
7. Carefully pull travel motor (4) out of the final drive. The weight of travel motor (4) is approximately 57 kg (125 lb).



Illustration 4

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8. Remove O-ring seal (6) from the travel motor.

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Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-7506	Adapter	1
	8T-4244	Nut	6
	8T-4223	Hard Washer	6
	-	Threaded RodM12 x 1.75 by 250 mm (10 in) long	1
B	8T-0651	Bolt	1
	8T-4167	Hard Washer	1
C	3E-3882	Eyebolt	1
D	1P-1859	Retaining Ring Pliers	1
E	1P-0510	Driver Gp	1
	9S-9152	Bearing Puller Gp	1
F	1P-1861	Retaining Ring Pliers	1

Start By:

- A. Remove the travel motor. Refer to Disassembly and Assembly, "Travel Motor - Remove".

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Dispose of all fluids according to local regulations and mandates.

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