

Product: MULTI TERRAIN LOADER

Model: 297C MULTI TERRAIN LOADER GCP

Configuration: 297C Multi Terrain Loader GCP00001-UP (MACHINE) POWERED BY 3044C Engine

Disassembly and Assembly

279C2 Compact Track Loader and 287C, 277C, 277C2 and 297C Multi Terrain Loaders Power Train

Media Number -KENR5197-07

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i02662132

Piston Motor (Hydrostatic) - Remove

SMCS - 4351-011

S/N - GCP1-UP

S/N - JWF1-UP

S/N - MAS1-UP

S/N - MET1-UP

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	1
B	140-7742	Sleeve	2

Start By:

- Relieve the hydraulic system pressure. Refer to Disassembly and Assembly, "System Pressure - Release".
- Remove the track. Refer to Disassembly and Assembly, "Track (Rubber) - Remove and Install".
- Remove the track drive. Refer to Disassembly and Assembly, "Track Drive - Remove".

Note: Put identification marks on all hoses, on all hose assemblies, and on all harness assemblies for installation purposes. Plug all hose assemblies. This helps to prevent fluid loss, and this helps to keep contaminants from entering the system.

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.

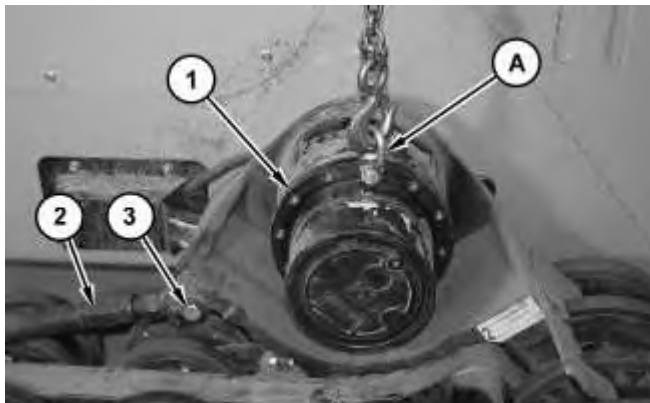


Illustration 1

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1. Attach Tooling (A) to track drive assembly (1). The weight of track drive assembly (1) is approximately 118 kg (260 lb).
 2. Remove bolt (3) and position track tensioner (2) out of the way.
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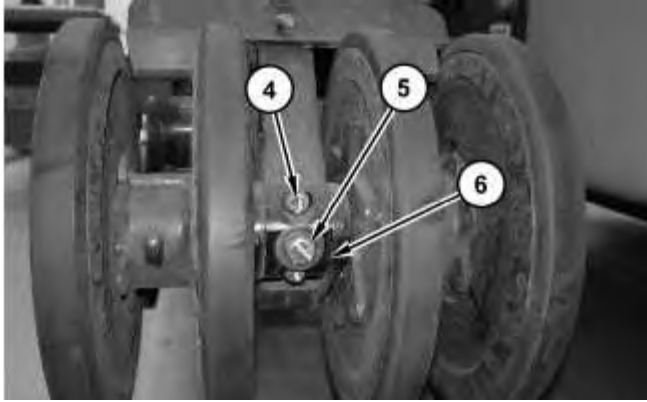


Illustration 2

g01337558

3. Remove bolts (4) and bolt (5). Remove retainer (6).

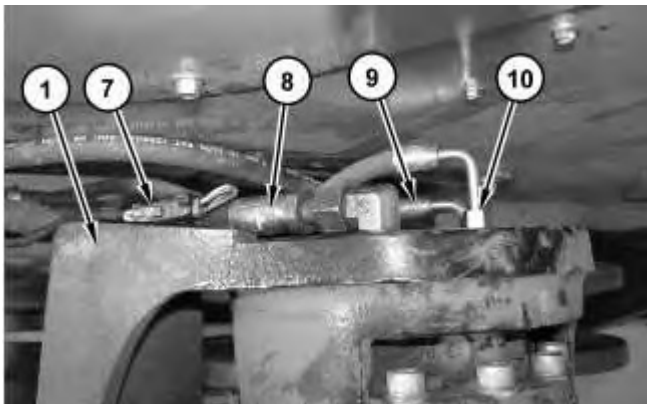


Illustration 3

g01337566

4. Disconnect harness assembly (7).
 5. Disconnect hose assemblies (8).
 6. Disconnect hose assemblies (9).
 7. Disconnect hose assemblies (10).
 8. Use Tooling (A) and the suitable lifting device in order to remove track drive assembly (1) from the machine.
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