



# Service Repair Manual

## **Model**

287 MULTI TERRAIN LOADER

---

Product: MULTI TERRAIN LOADER

Model: 287 MULTI TERRAIN LOADER CNY

Configuration: 287 Multi Terrain Loader CNY00001-UP (MACHINE) POWERED BY 3034 Engine

## Disassembly and Assembly

### 267, 277 and 287 Multi Terrain Loaders Machine Systems

Media Number -REN4816-03

Publication Date -01/10/2009

Date Updated -29/10/2009

i01969136

## Lift Arms - Remove and Install - Vertical Lift Linkage

SMCS - 6119-010

S/N - CNY1-UP

## Removal Procedure

Start By:

- A. Release the hydraulic system pressure. Refer to Disassembly and Assembly, "Hydraulic System Pressure - Release".

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1864	Retaining Ring Pliers As	1
B	1U-9200	Lever Puller Hoist	1
ZZ	6V-9510	Face Seal Plug	4
	6V-9831	Cap As	4
	6V-9508	Face Seal Plug	2
	6V-9829	Cap As	2

**Note: SERVICE DATA: TOOLING (ZZ) WILL NOT BE IDENTIFIED IN PHOTOGRAPHS IN THE REMOVAL OR THE INSTALLATION. THIS TOOLING IS SHOWN IN ORDER TO ASSIST THE EXPERIENCED SERVICEMAN.**



**WARNING**

**Personal injury can result from hydraulic oil pressure and hot oil.**

**Hydraulic oil pressure can remain in the hydraulic system after the engine has been stopped. Serious injury can be caused if this pressure is not released before any service is done on the hydraulic system.**

**Make sure all of the work tools have been lowered to the ground, and the oil is cool before removing any components or lines. Remove the oil filler cap only when the engine is stopped, and the filler cap is cool enough to touch with your bare hand.**

---

## **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 Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.**

**Dispose of all fluids according to local regulations and mandates.**

---

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



Illustration 1

g00891905

1. If equipped, remove cable strap (2) and disconnect harness assembly (1) .



Illustration 2

g00891906

2. If equipped, remove bolts (4), bracket (3) and the harness assembly.



Illustration 3

g01022282

3. Use Tooling (A) to remove the retaining ring. Remove pin assembly (5) .



4. Loosen bolts (7). Disconnect hose assemblies (6) .

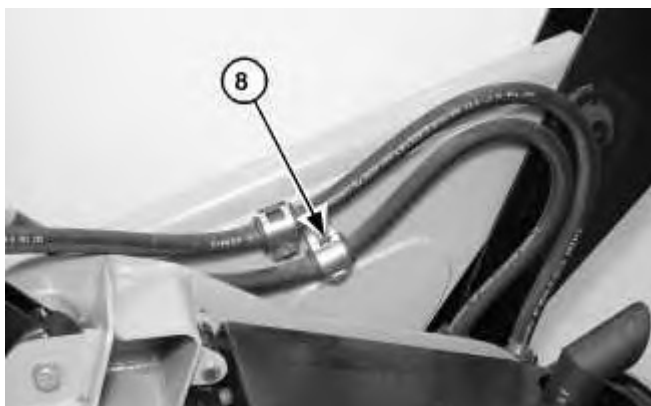


Illustration 5

g01022258

5. Remove bolts (8) .
6. Repeat Steps 3, 4, and 5 for the other side.



Illustration 6

g01022260

7. Attach Tooling (B) and a suitable lifting device to lift arms (9). The approximate weight of lift arms (9) is 368 kg (812 lb).
-

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)