



Service Repair Manual

Models

247B3 MULTI TERRAIN LOADER

Product: MULTI TERRAIN LOADER

Model: 247B3 MULTI TERRAIN LOADER ESL

Configuration: 247B3 Multi Terrain Loader ESL00001-UP (MACHINE) POWERED BY C2.2 Engine

Disassembly and Assembly

247B, 247B2, 257B and 257B2 Multi Terrain Loaders Power Train

Media Number -REN4874-05

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i02061094

Piston Motor (Hydrostatic) - Disassemble

SMCS - 5058-015-H7

S/N - ESL1-UP

S/N - KB31-UP

S/N - MTL1-5074

S/N - SLK1-7299

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0520	Driver Gp	1
B	1U-7280	Pin Punch	1
C	1P-0510	Driver Gp	1
D	2P-8312	Retaining Ring Pliers	1
E	1U-7276	Pin Punch	1
F	8B-5144	Bolts (5/8 inch by 18 NF by 3 inch)	2
G	8H-0663	Bearing Puller	1
H	6V-5839	Washers	4
	6V-8214	Bolts (6 mm by 1.00 NC by 20 mm)	4
	9M-1974	Hard Washers	4

Start By:

- a. Remove track drive. Refer to Disassembly and Assembly, "Track Drive - Remove".

Note: The following procedure is intended for cleaning purposes only.



Illustration 1

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 **WARNING**

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

1. Mark the piston motor for assembly purposes. Remove bolts (1). Remove cover (2).



2. Remove gasket (3).



Illustration 3

3. Remove washer (4). Remove disc spring (5). Remove fitting (6).



Illustration 4

4. Install Tooling (H). **Use low pressure compressed air to remove piston (7).**

Note: Low pressure air is required in order to allow the piston to release from the motor.

Note: Tooling (H) is required in order to prevent damage to the piston.



Illustration 5

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5. Remove seal (8) from piston (7).

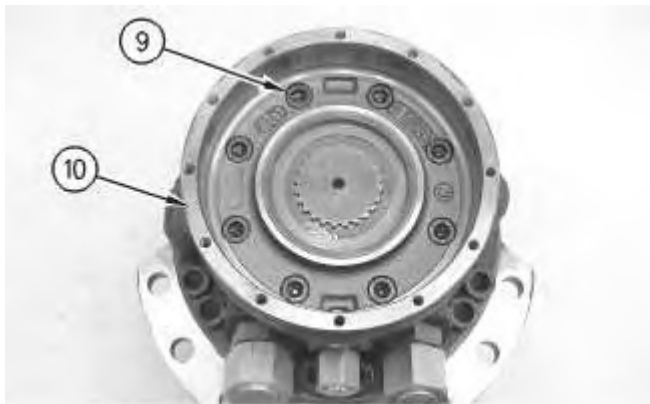


Illustration 6

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6. Remove bolts (9). Remove brake housing (10).

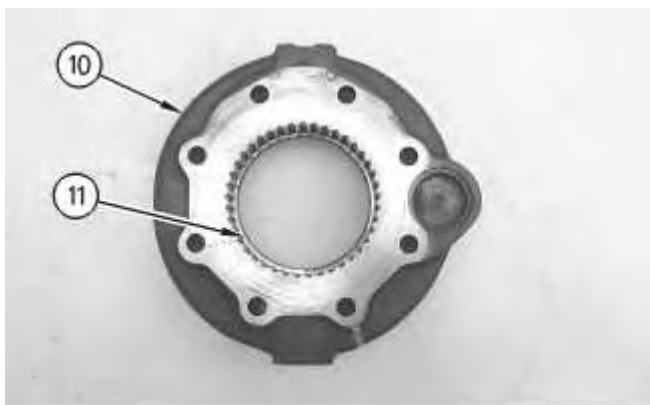


Illustration 7

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