



# Service Repair Manual

## **Models**

# D11R Track-Type Tractor

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Product: TRACK-TYPE TRACTOR

Model: D11R TRACK-TYPE TRACTOR AAF

Configuration: D11R Carrydozer Track-Type Tractor AAF00001-UP (MACHINE) POWERED BY 3508B Engine

## Disassembly and Assembly D11R Track-Type Tractor

Media Number -SEN1782-09

Publication Date -01/09/2014

Date Updated -03/09/2014

i05668450

### Axle - Remove

SMCS - 3278-011

### Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5P-7395	Installer	1

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#### NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the machine. 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 in Caterpillar machines.

Dispose of all fluids according to local regulations and mandates.

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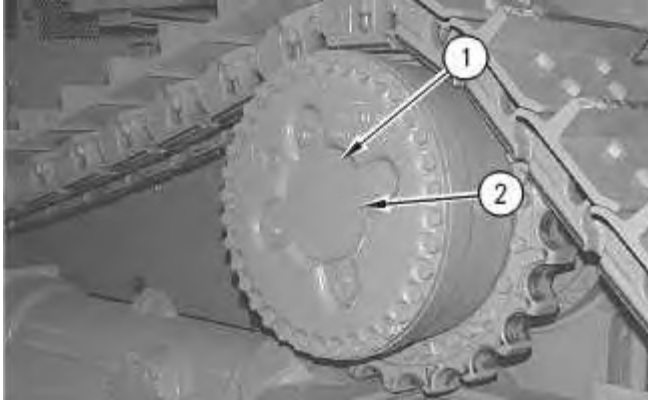


Illustration 1

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1. Remove bolts (1) and remove cover (2) .
2. Remove the O-ring seal from cover (2) .

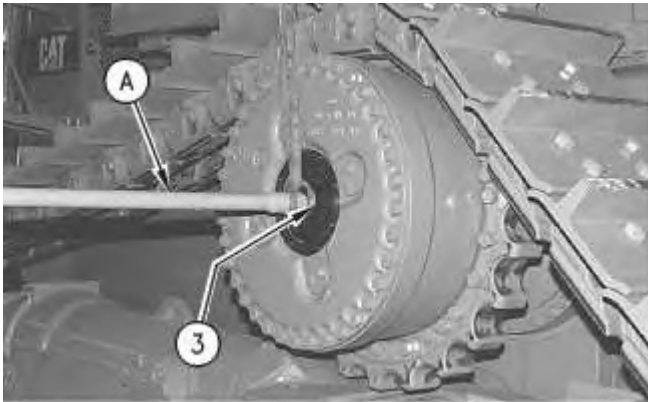


Illustration 2

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3. Install Tooling (A) on the outer axle. Fasten a suitable lifting device to Tooling (A) . Use Tooling (A) with the lifting device and remove outer axle (3) from the machine. The weight of the outer axle is 48 kg (105 lb).
4. Install Tooling (A) on the inner axle. Use Tooling (A) with the hoist and remove the inner axle from the machine. The weight of the inner axle is approximately 28 kg (62 lb).

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## Disassembly and Assembly D11R Track-Type Tractor

Media Number -SEN1782-09

Publication Date -01/09/2014

Date Updated -03/09/2014

i02110106

### Axle - Install

SMCS - 3278-012

### Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5P-7395	Installer	1

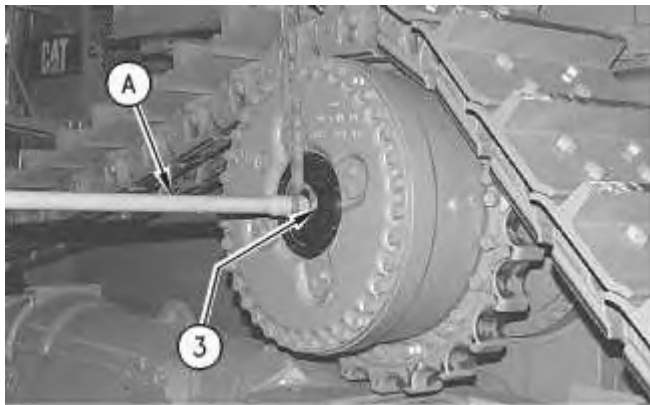


Illustration 1

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1. Install Tooling (A) on the inner axle. Fasten a suitable lifting device to Tooling (A). Align the splines on the inner axle with the splines in the bevel gear and install the inner axle.
2. Use a suitable lifting device with Tooling (A) and install outer axle (3) .

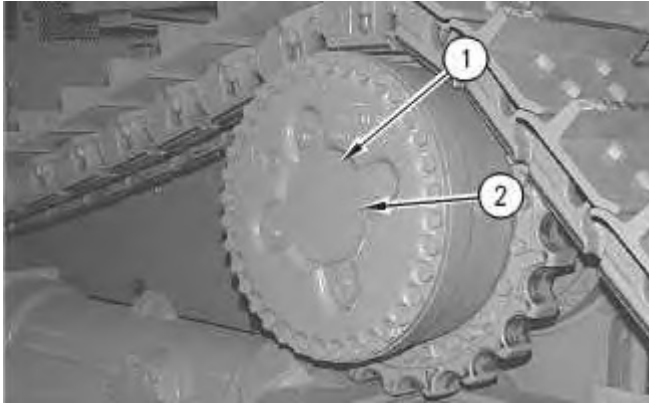


Illustration 2

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3. Install the O-ring seal in cover (2). Put cover (2) in position on the final drive and install bolts (1) that hold the cover in place.

**Note:** Refer to the Operation and Maintenance Manual for all fluid capacities and proper filling procedures.

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