CATERPILLAR®

Service Repair Manual

Models

M317D2 Wheeled Excavator

✓Product: WHEELED EXCAVATOR Model: M317D2 WHEELED EXCAVATOR CH5 Configuration: M317 D2 Wheeled Excavator CH500001-UP (MACHINE) POWERED BY C4.4 Engine

Disassembly and Assembly M315D, M315D Series 2, M315D2, M317D Series 2 and M317D2 Wheeled Excavators **Machine Systems** Publication Date -01/07/2015

Media Number -KENR6028-05

Date Updated -08/07/2015

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Swing Gear and Bearing - Remove

SMCS - 7063-011

Removal Procedure

Table 1					
Required Tools					
Tool	Part Number	Part Description	Qty		
•	120 7574	Link Droatset	2		

Start By:

a. Separate the upper frame from the undercarriage. Refer to Disassembly and Assembly, "Upper Frame and Undercarriage Frame - Seperate".



Illustration 1

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1. Attach Tooling (A) and a suitable lifting device to gear and bearing (1). The weight of gear and bearing (1) is approximately 231 kg (510 lb).



Illustration 2

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2. Remove bolts (3) and spacers (2). Remove gear and bearing (1) from the machine.

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Swing Gear and Bearing - Install

SMCS - 7063-012

Installation Procedure

Table 1

Required Tools				
Tool	Part Number	Part Description	Qty	
А	138-7574	Link Bracket	3	
В	8C-8422	Sealant	2	



- 1. Apply Tooling (B) to the bottom face of gear and bearing (1). Use Tooling (A) and a suitable lifting device to position gear and bearing (1) on the machine. The weight of gear and bearing (1) is approximately 231 kg (510 lb).
- 2. Position spacers (2) and install bolts (3) . Tighten bolts (3) to a torque of 300 + 30 0 N·m (221 + 22 0 lb ft).



Illustration 2

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3. Remove Tooling (A) and the suitable lifting device from gear and bearing (1).

End By: Connect the upper frame to the undercarriage. Refer to Disassembly and Assembly, "Upper Frame and Undercarriage Frame - Connect".

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