



Service Repair Manual

Models

M325D MH EXCAVATOR

Product: EXCAVATOR

Model: M325D MH EXCAVATOR EDF

Configuration: M325D Material Handler EDF00001-01999 (MACHINE) POWERED BY C-7 Engine

Disassembly and Assembly M325D Material Handler Power Train

Media Number -REN9720-00

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Date Updated -14/05/2009

i02265416

Axle Shaft - Remove - Steering Axle

SMCS - 3259-011; 3278-011; 3282-011-JF

Removal Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|----------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 8T-3666 | Bolt | 2 |
| B | 154-6182 | Forcing Bolt | 2 |
| C | 138-7575 | Link Bracket | 1 |
| D | 1U-9200 | Lever Puller Hoist | 1 |
| E | 3S-6224 | Electric Hydraulic Pump Gp | 1 |
| | 1U-7538 | Double Acting Cylinder | 1 |
| | 5F-7693 | Spacer As | 1 |
| | 123-4370 | Stud Puller | 1 |
| | 8T-4131 | Nut | 1 |
| | 8T-4123 | Plated Washer | 1 |
| F | 1P-1861 | Retaining Ring Pliers | 1 |
| G | 140-0169 | Internal Puller As | 1 |
| H | 140-0168 | Puller | 1 |

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.



Illustration 1

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1. Remove plug (1). Drain the oil into a suitable container for storage or for disposal.

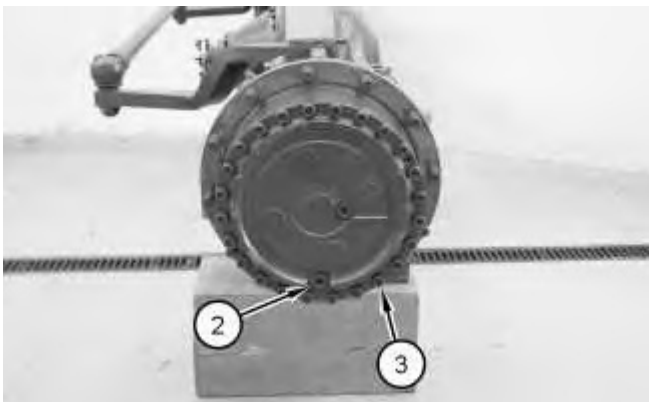


Illustration 2

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2. Remove plug (2). Drain the oil into a suitable container for storage or for disposal. Remove bolts (3) .

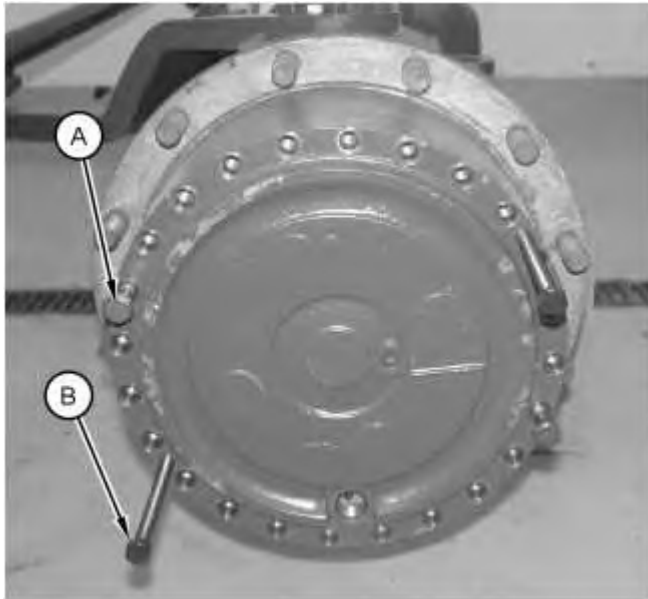


Illustration 3

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3. Install Tooling (A) and Tooling (B) .

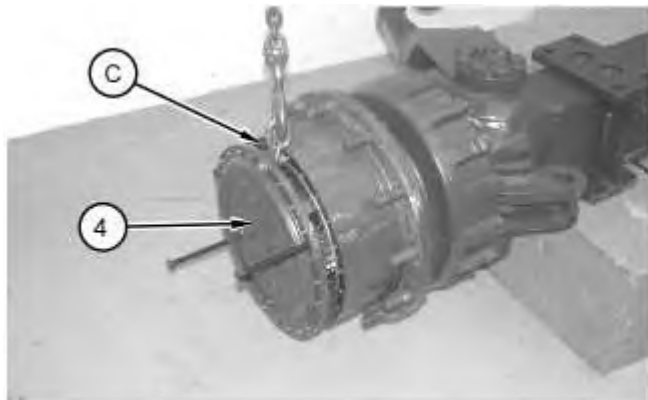


Illustration 4

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4. Slide final drive (4) outward. Attach Tooling (C) and a suitable lifting device onto final drive (4). The weight of final drive (4) is approximately 52 kg (115 lb). Remove Tooling (A) and Tooling (B) .
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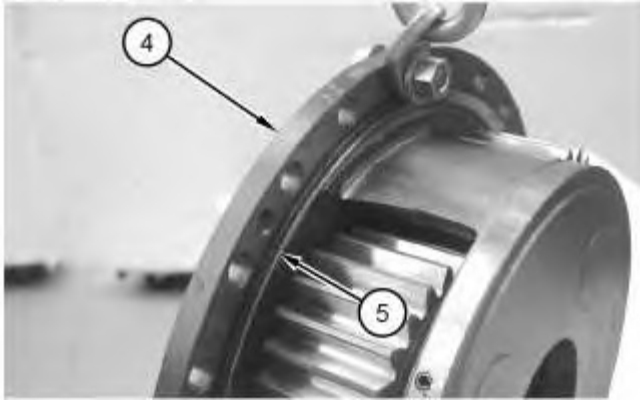


Illustration 5

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5. Remove final drive (4). Remove O-ring seal (5) .

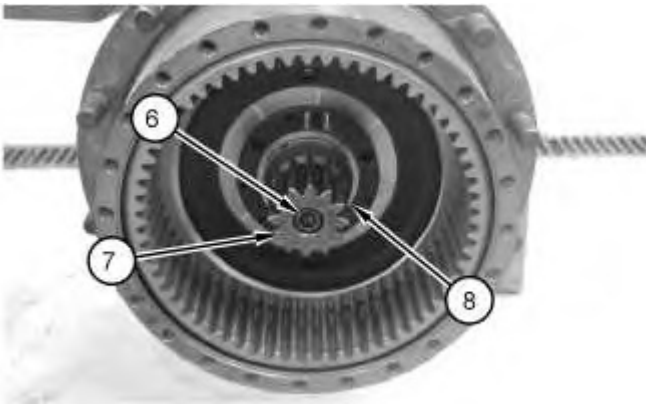


Illustration 6

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6. Remove bolt (6), sun gear (7), and sleeve (8) .

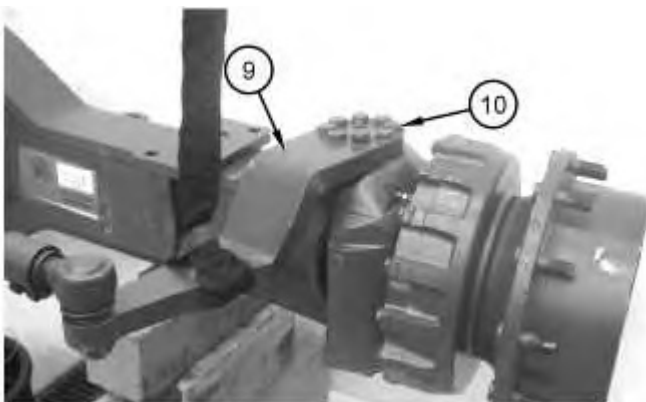


Illustration 7

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