



Service Repair Manual

Models

W345B Series II Material Handler

Product: WHEELED EXCAVATOR

Model: W345B II WHEELED EXCAVATOR CDY

Configuration: W345B Series II Material Handlers CDY00001-UP (MACHINE) POWERED BY 3176C Engine

Disassembly and Assembly

345B, 345B Series II and W345B Series II Excavators Machine Systems

Media Number -SEN1934-11

Publication Date -01/01/2012

Date Updated -12/01/2012

i02830548

Swing Drive - Assemble

SMCS - 5459-016

S/N - AGS1-UP

S/N - AKX1-UP

S/N - ALB1-UP

S/N - ALD1-UP

S/N - AMD1-UP

S/N - AMJ1-UP

S/N - AMN1-UP

S/N - ANJ1-UP

S/N - APB1-UP

S/N - AYR1-UP

S/N - CCC1-UP

S/N - CDY1-UP

S/N - DCW1-UP

S/N - DET1-UP

S/N - FEE1-UP

Assembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|---------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 138-7574 | Link Bracket | 2 |
| B | 1P-2420 | Transmission Repair Stand | 1 |
| C | 5P-5197 | Retaining ring pliers | 1 |
| | 1U-8759 | Tip Set | 1 |
| D | 1P-0510 | Drive Group | 1 |
| E | 1U-6396 | O-Ring Assembly Compound | 1 |
| F | 5P-3931 | Anti-Seize Compound | 1 |
| G | 5P-0960 | Molybdenum Grease | 1 |
| H | 9S-3263 | Thread Lock Compound | 1 |
| J | 1U-8846 | Gasket Sealant | 1 |

Note: Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement. All disassembly and all assembly procedures must be performed on a clean work surface and in a clean hydraulic area. Keep cleaned parts covered and protected at all times.

Note: O-rings, gaskets, and seals should always be replaced. A used O-ring may not have the same sealing properties as a new O-ring. Use Tooling (E) during the assembly procedure.

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 Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

1. Make sure that all parts of the swing drive are thoroughly clean and free of dirt and debris prior to assembly.



Illustration 1

g00725394

2. Apply Tooling (F) on the outside diameter of bearing (37) and the inside diameter of swing drive housing (19) .
3. Lower the temperature of bearing (37) . Install bearing (37) in the swing drive housing.

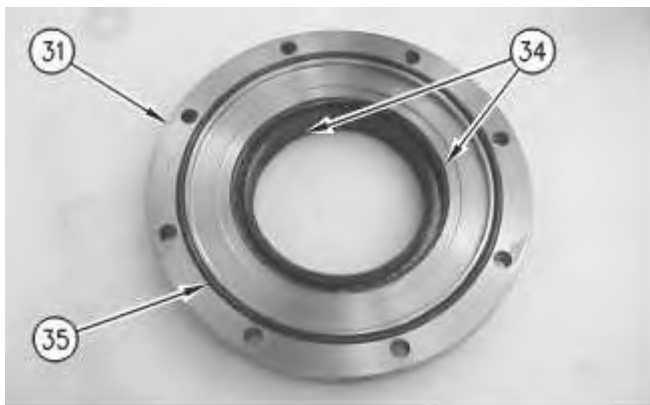


Illustration 2

g00725388

4. Install O-ring seal (35) into bearing cage (31) .
 5. Install the two lip seals (34) in bearing cage (31) .
 6. Apply Tooling (G) on the lip of each seal.
-



Illustration 3

g00725547

7. Carefully install cage (31) over pinion shaft (33) .



Illustration 4

g00725554

8. Heat bearing (39) to a temperature of 135 °C (275 °F) and install bearing (39) on the pinion shaft (33) .

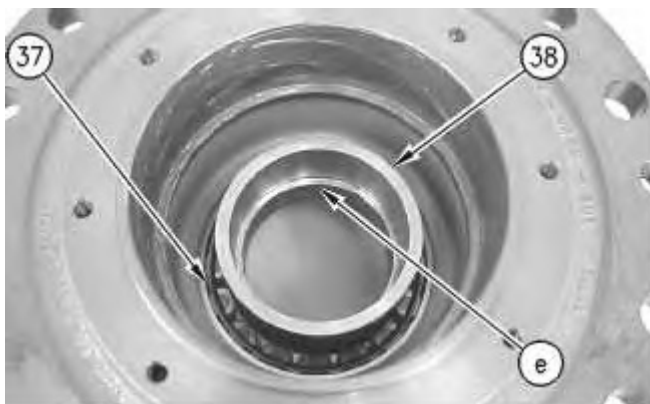


Illustration 5

g00725572

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