



Service Repair Manual

Models

345C L Excavator

Product: EXCAVATOR

Model: 345C L EXCAVATOR S5M

Configuration: 345C L Excavator S5M00001-UP (MACHINE) POWERED BY C13 Engine

Disassembly and Assembly 345C Excavator and 345C MHPU Mobile Hydraulic Power Unit Machine Systems

Media Number -REN8612-06

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Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|--------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 1P-2420 | Transmission Stand Group | 1 |
| B | 138-7573 | Link Bracket | 2 |
| C | 1P-1860 | Retaining Ring Pliers | 1 |
| D | 4C-8359 | Eyebolt | 3 |
| E | 4C-8359 | Eyebolt | 2 |
| F | 138-7574 | Link Bracket | 2 |

Start By:

- A. Remove the final drive. Refer to Disassembly and Assembly, "Final Drive and Travel Motor - Remove" in this manual.
 1. Thoroughly clean the outside of the final drive and travel motor prior to disassembly.
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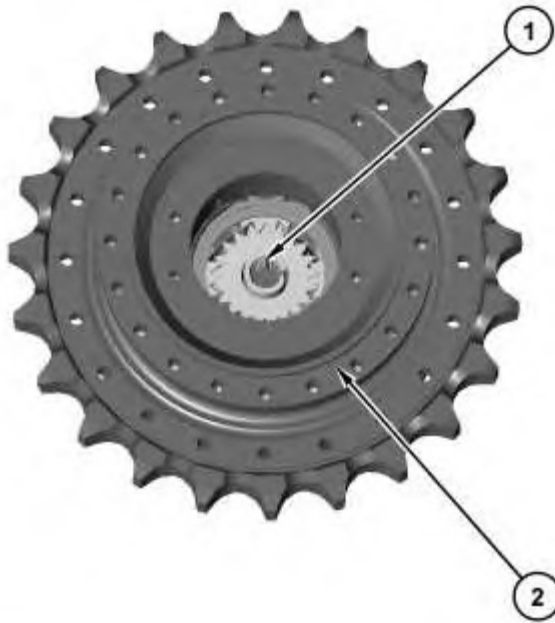


Illustration 1

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2. Remove coupling (1) from final drive (2) .
3. Attach a suitable lifting device to the final drive, and turn final drive (2) over 180 degrees. The weight of final drive (2) is approximately 590 kg (1300 lb).

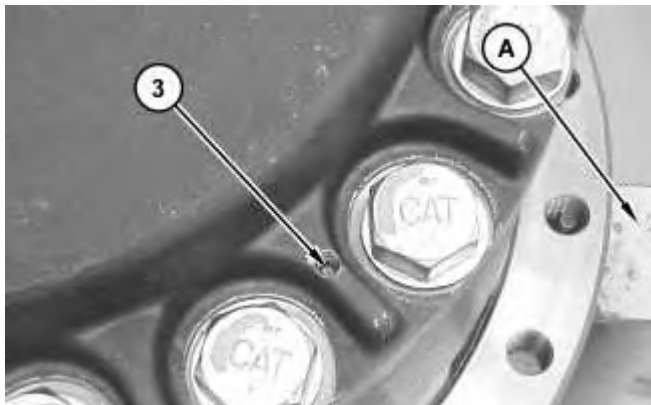


Illustration 2

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4. Attach the final drive to Tooling (A) . Put an alignment mark across the sections of the final drive for assembly purposes. All parts must be reinstalled in the original locations.
5. Remove socket head screws (3) from the final drive cover.



Illustration 3

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6. Attach Tooling (B) and a suitable lifting device to cover (5) , as shown. The weight of cover (5) is approximately 52 kg (115 lb).
7. Remove bolts (4) and the washers that hold the cover in place.
8. Use a soft faced hammer in order to break the seal between cover (5) and the ring gear. Remove cover (5) . The weight of cover (5) is 52 kg (115 lb).

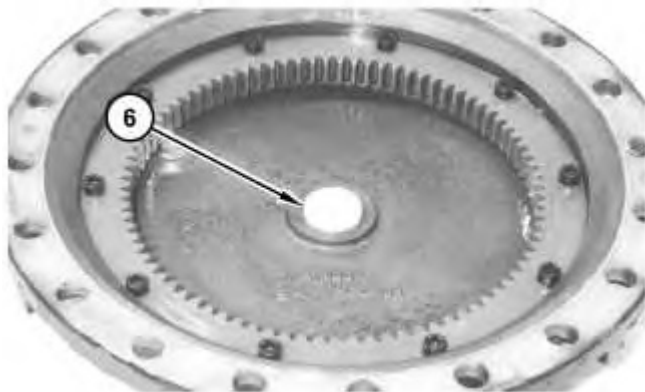


Illustration 4

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9. Remove spacer (6) from the cover.
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Illustration 5

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10. Remove shims (7) from the cover.
11. Remove socket head bolts (8) and ring gear (9) from the cover.

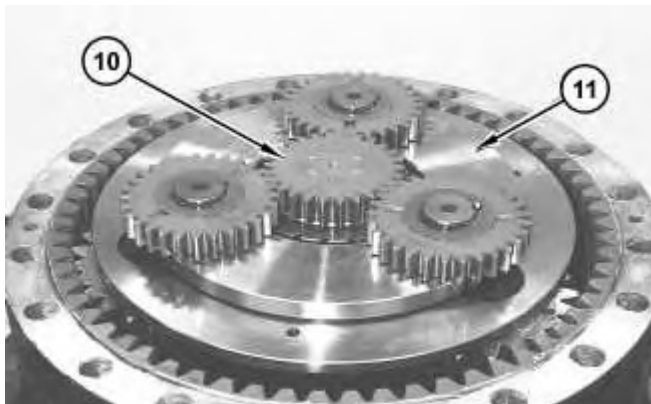
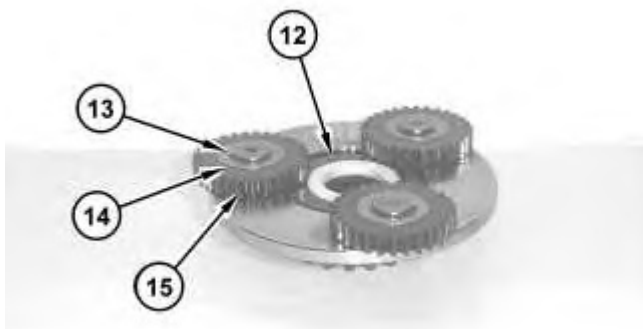


Illustration 6

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12. Remove sun gear (10) from carrier assembly (11) . Remove carrier assembly (11) by lifting the carrier assembly straight up.
13. Disassemble carrier assembly (11) , as follows:



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