



Service Repair Manual

Models

336 Excavator

Product: EXCAVATOR

Model: 336 EXCAVATOR SP9

Configuration: 336 Excavator SP900001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly 336 Excavator Machine Systems

Media Number -M0087649-02

Publication Date -01/10/2018

Date Updated -22/10/2018

i03885522

Final Drive - Disassemble

SMCS - 4050-015

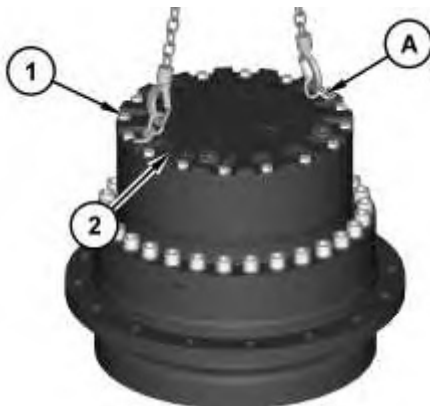
Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Brackets	3
B	154-6183	Forcing Bolts	3
C	138-7576	Link Brackets	3

Start By:

- a. Remove the final drive and the travel motor.



1. Attach Tooling (A) and a suitable lifting device to cover (2). The weight of cover (2) is approximately 20 kg (45 lb). Remove bolts (1) and cover (2).
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Illustration 2

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2. Remove plate (3) from cover (2).
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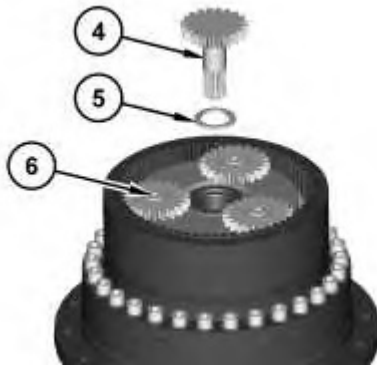


Illustration 3

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3. Remove sun gear (4), spacer (5), and planetary gear assembly (6).
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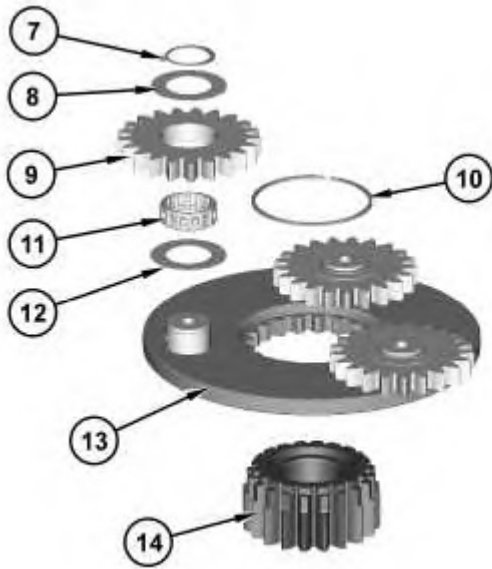


Illustration 4

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4. Remove retaining ring (7), washer (8), planetary gear (9), roller bearing (11), and washer (12) from carrier assembly (13).
5. Remove retaining ring (10) and sun gear (14) from carrier assembly (13).



Illustration 5

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6. Remove spacer (16).
 7. Attach Tooling (A) and a suitable lifting device to planetary gear assembly (15). The weight of planetary gear assembly (15) is approximately 32 kg (70 lb). Remove planetary gear assembly (15).
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Illustration 6

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8. Drive spring pin (17) into planetary shaft (18) with a suitable hammer and a suitable punch.
9. Remove planetary shaft (18), washer (20), roller bearing (20), planetary gear (23), and washer (24) from the carrier assembly (21).
10. Remove spring pin (17) from planetary shaft (18) with a suitable hammer and a suitable punch.
11. Remove retaining ring (19) and sun gear (25) from carrier assembly (21).



Illustration 7

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12. Remove spacer (26).
 13. Attach Tooling (A) and a suitable lifting device to ring gear (27). The weight of ring gear (27) is approximately 70 kg (155 lb). Remove bolts (28) and ring gear (27).
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