



Service Repair Manual

Models

306 Mini Hydraulic Excavator

Product: MINI HYD EXCAVATOR

Model: 306 MINI HYD EXCAVATOR SMD

Configuration: 306 Excavator SMD00001-UP (MACHINE) POWERED BY 4M40 Engine

Disassembly and Assembly 305.5 and 306 Mini Hydraulic Excavators Machine Systems

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i03983172

Final Drive and Travel Motor - Disassemble

SMCS - 4050-015; 4351-015

S/N - SMD314-1089

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-9895	Crossblock	1
B	1P-1857	Retaining Ring Pliers	1
C	289-6053	Spanner Wrench	1
D	9S-9152	Bearing Puller Gp	1

Start By:

- a. Remove the final drive and the travel motor. Refer to , "Final Drive and Travel Motor - Remove".
-



Illustration 1

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1. Remove plug (2), ring (1), and cover (3).



Illustration 2

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2. Remove bolts (4) and retainer (5).

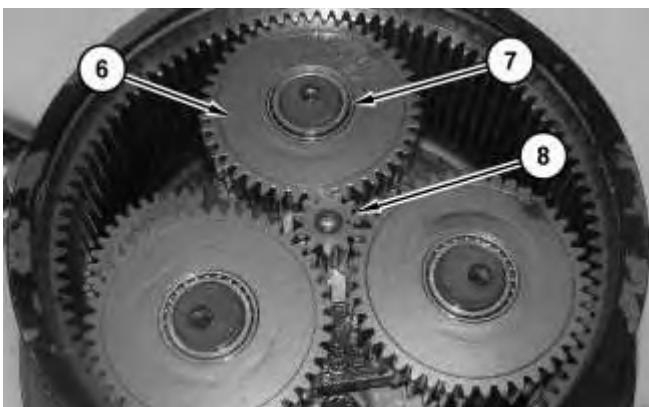


Illustration 3

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3. Remove gears (6), gear (8), and bearings (7).

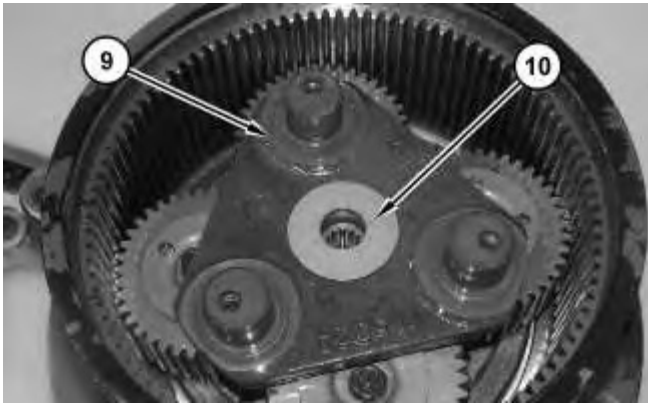


Illustration 4

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4. Remove washer (10) and carrier (9).

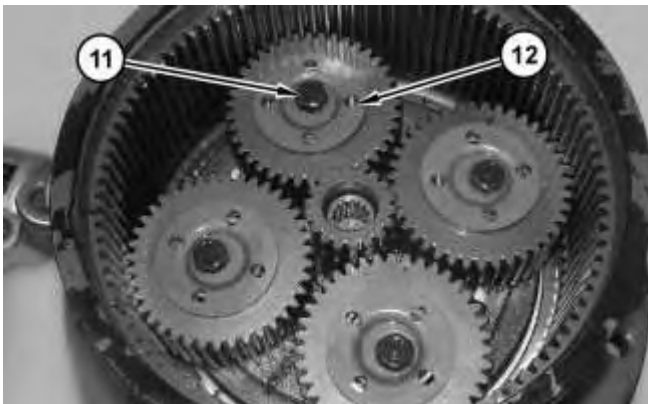


Illustration 5

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5. Remove bolts (11) and retainers (12).

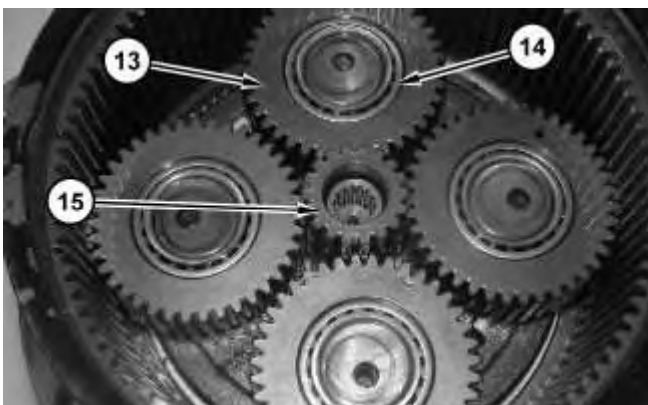


Illustration 6

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6. Remove gears (13), gear (15), and bearings (14).

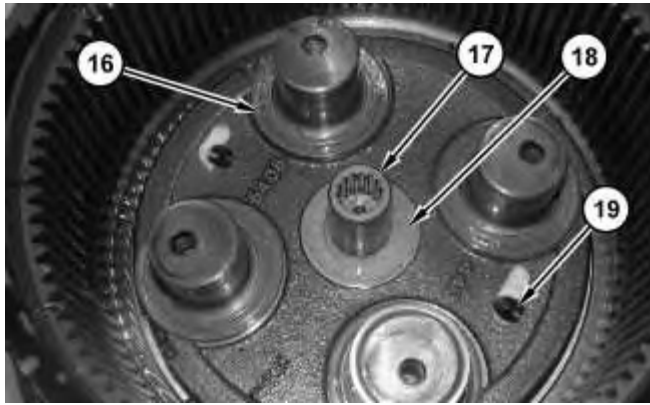


Illustration 7

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7. Remove washers (16), coupling (17), washer (18), and setscrews (19).

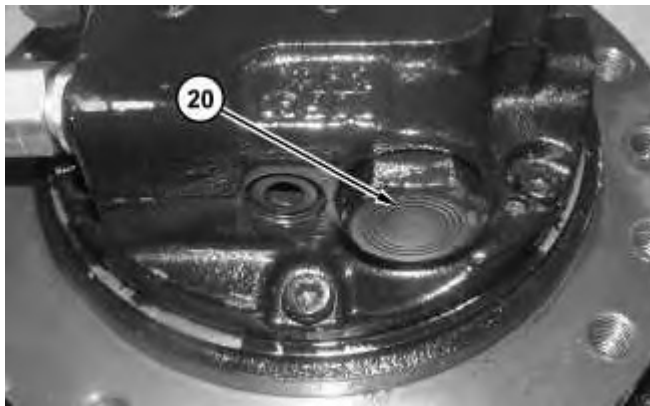


Illustration 8

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! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

8. Remove plug (20) and the O-ring seal.

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