



Service Repair Manual

Models

325D MOBILE HYD POWER

Product: MOBILE HYD POWER UNIT

Model: 325D MOBILE HYD POWER UNIT C3N

Configuration: 325D L Mobile Hydraulic Power Units C3N00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly 320 VH and VM Variable Gauge Undercarriage

Media Number -KENR8183-01

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i04893712

Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P - 2420	Repair Stand	1
B	1U - 6400	Puller	1
C	5P - 8707	Plate	1
	1P - 0520	Driver Group	1
	5F - 7366	Forcing Bolt	1
	8T - 0207	Bolt	2
	3H - 0465	Puller Plate	2
	1P - 5546	Cross Block	1

Start By:

- Remove the final drive.
-

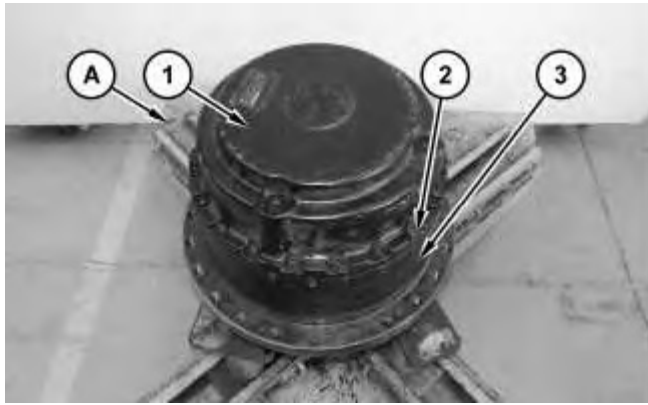


Illustration 1

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1. Secure final drive (3) to Tooling (A). The weight of the final drive is approximately 254 kg (560 lb). Remove bolts (2) and housing (1). Remove O-ring seal from housing (1).

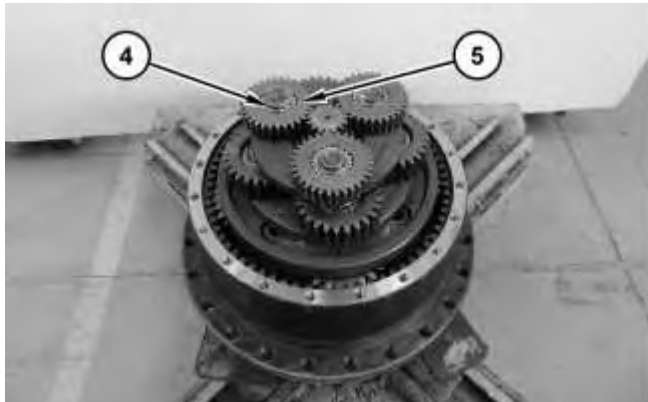


Illustration 2

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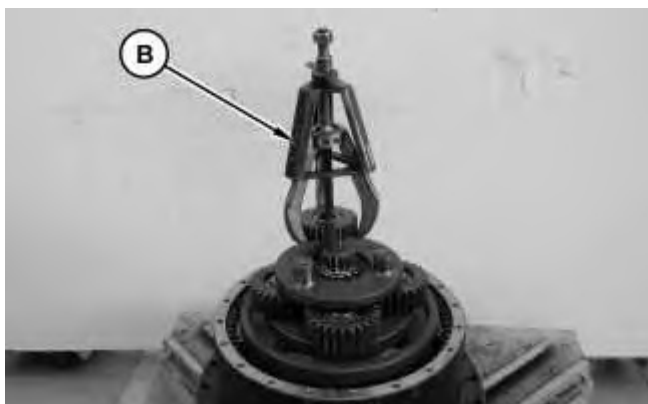


Illustration 3

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2. Remove retaining ring (4) and planet gear (5). If necessary, use Tooling (B) to remove planet gears (5).

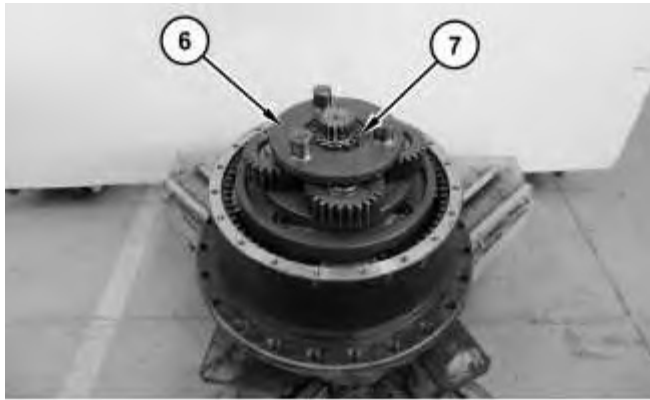


Illustration 4

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3. Remove retaining ring (7) and planet gear carrier (6).

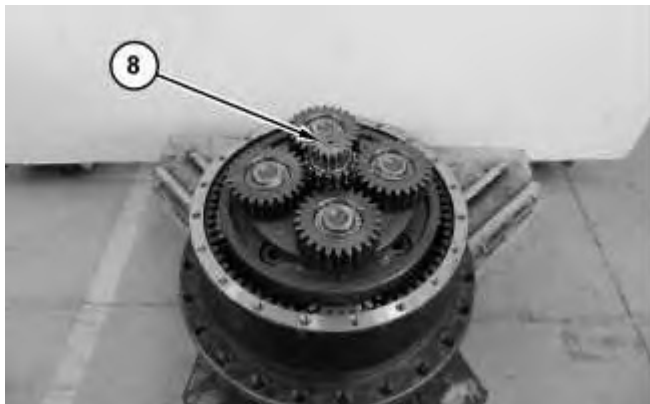


Illustration 5

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4. Remove sun gear (8).

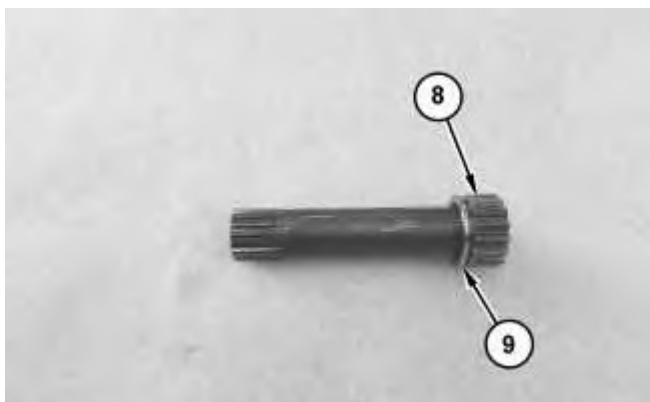


Illustration 6

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5. Remove spacer (9) from sun gear (8).
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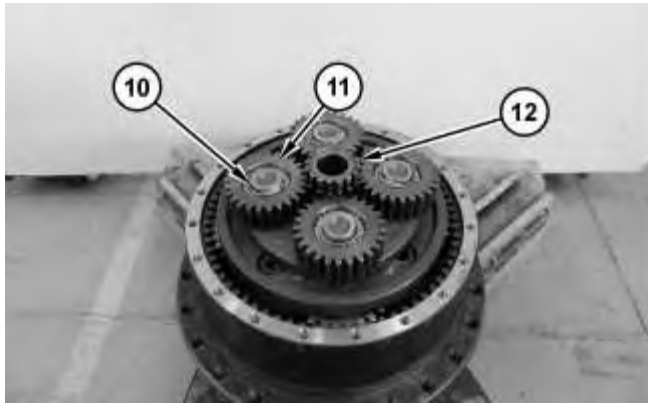


Illustration 7

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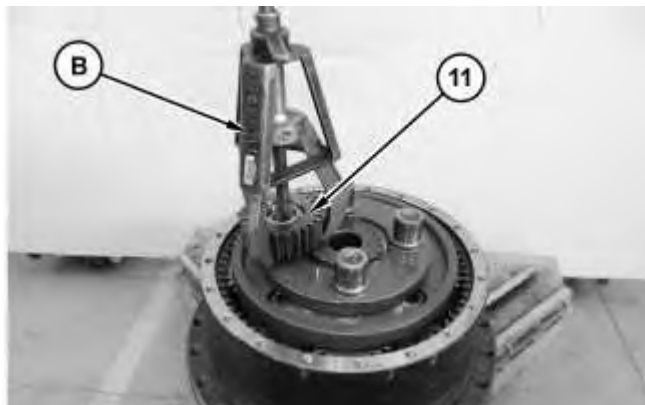


Illustration 8

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6. Remove sun gear (12) and remove retaining ring (10) and planet gears (11). If necessary, use Tooling (B) to remove planet gears (11).

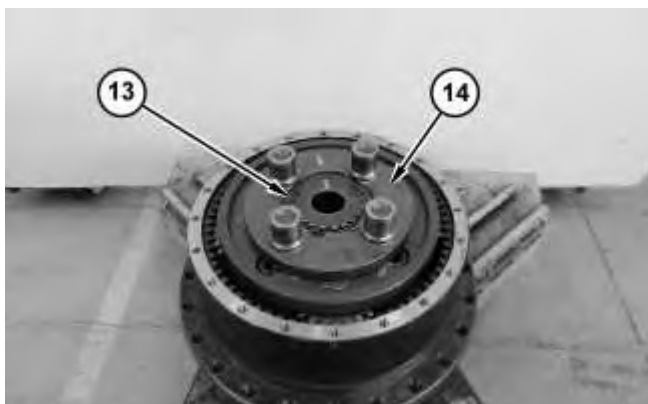


Illustration 9

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7. Remove retaining ring (13) and planet carrier (14).
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