



Service Repair Manual

Models

M313D WHEELED Excavator

Product: WHEELED EXCAVATOR

Model: M313D WHEELED EXCAVATOR J3A

Configuration: M313D Excavator J3A00001-UP (MACHINE) POWERED BY C4.4 Engine

Disassembly and Assembly M313D Wheeled Excavator Power Train

Media Number -KENR6026-02

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i07308038

Transmission - Assemble

SMCS - 3150-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
B	5P-4758	Retaining Ring Pliers As	1
C	5P-5197	Retaining Ring Pliers As	1
D	1P-1863	Retaining Ring Pliers	1
H	9U-7289	Ruler	1
J	1P-0520	Driver Gp	1
K	8T-0984	Pinion Flange Holder	1
L	9U-5017	Torque Wrench	1
M	267-3844	Seal Installer	1
N	267-3845	Guard Installer	1
P	6V-2055	Grease	1
Q	1P-0775	Seal Guide	1
R	267-3850	Clearance Gauge	1

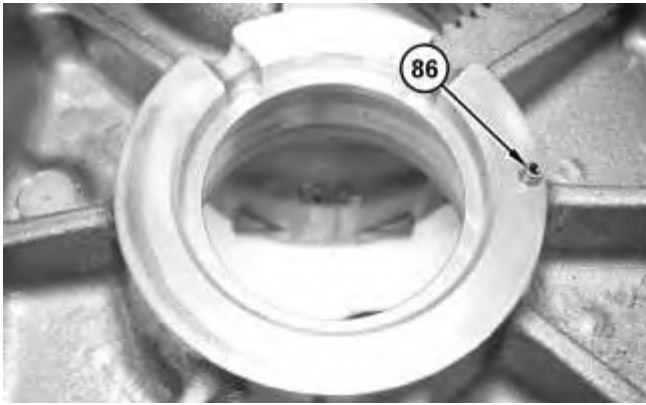


Illustration 1

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1. Install spring pin (86) if it is necessary.



Illustration 2

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2. Install shroud (85).



Illustration 3

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3. Install gear (84).



Illustration 4

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4. Install O-ring seals (82) to cover (80).



Illustration 5

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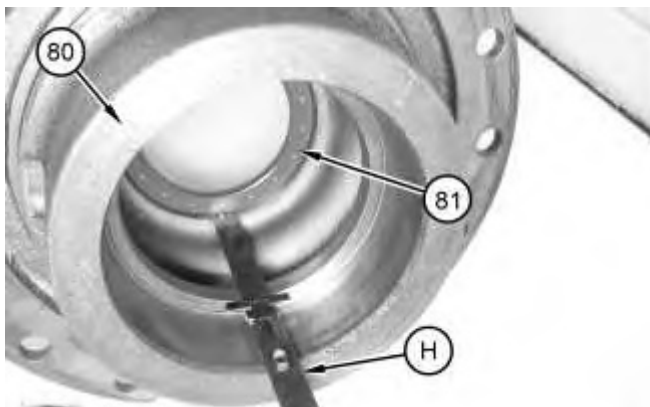


Illustration 6

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5. Use Tooling (J) to install seal (81) to cover (80). Use Tooling (H) to measure the depth of seal (81). Install seal (81) to the depth that was recorded during disassembly.



Illustration 7

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Illustration 8

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6. Position deflector plate (83). Install deflector plate (83).

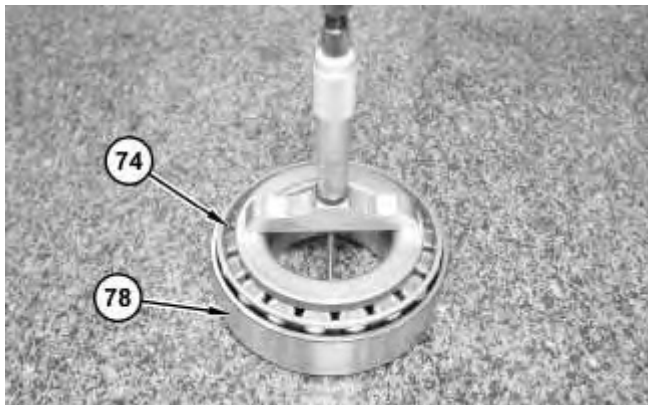


Illustration 9

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7. Position new bearing cone (74) and new bearing cup (78) together on a flat surface. Rotate bearing cone (74) in both directions. Use a suitable depth gauge to measure dimension (A). Subtract 0.10 mm (0.004 inch) from Dimension (A) for bearing preload.

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