

Model: 140K MOTOR GRADER JPA

Configuration: 140K Motor Grader JPA00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly 12K, 140K and 160K Motor Graders Power Train

Media Number -KENR8443-04

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i02186165

Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	439-3938	Link Brackets	2
B	5P-4204	Wrench Assembly	1

Start By:

- Remove the final drives. Refer to Disassembly and Assembly, "Final Drive - Remove" for the correct procedure.

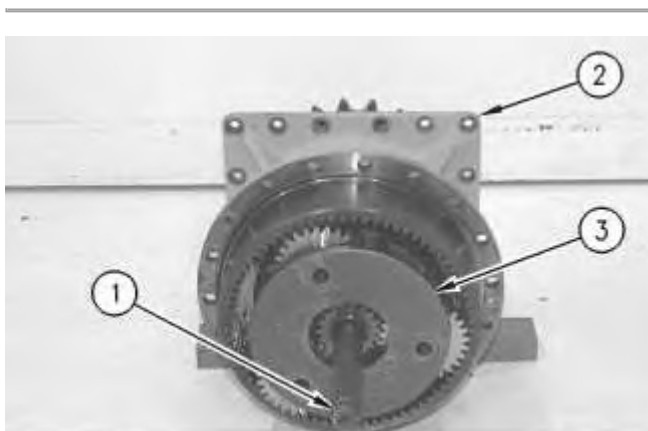


Illustration 1

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1. Remove sun gear shaft (1) from housing (2).
2. Remove planetary carrier (3) from housing (2).

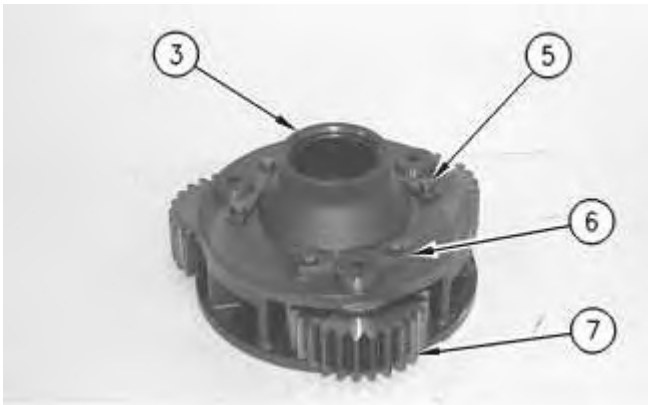


Illustration 2

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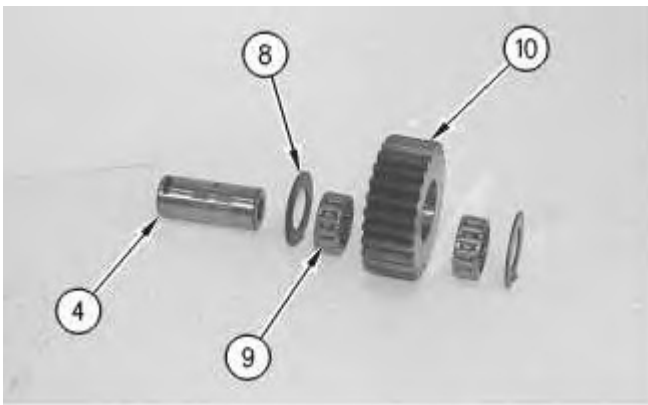


Illustration 3

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3. Remove locking bolts (5), the washers, and retainers (6) from planetary carrier (3).
4. Remove planetary shafts (4) to remove gear assemblies (7) from planetary carrier (3).

Note: Each gear assembly (7) consists of two washers (8), two roller assemblies (9), gear (10) and planetary shaft (4).

Note: Mark the location of the components of the gear assemblies for assembly purposes.

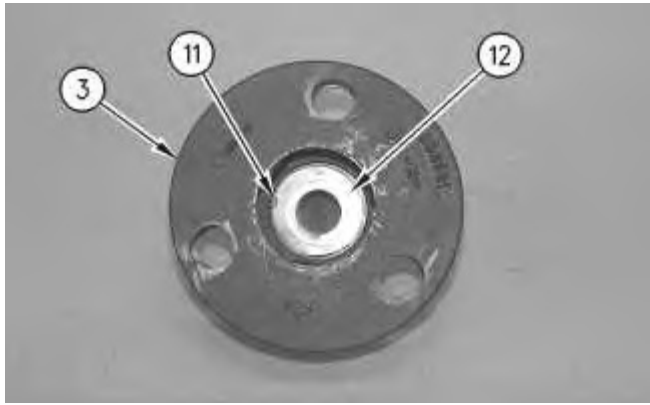


Illustration 4

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5. Remove retaining ring (11) and washer (12) from planetary carrier (3).

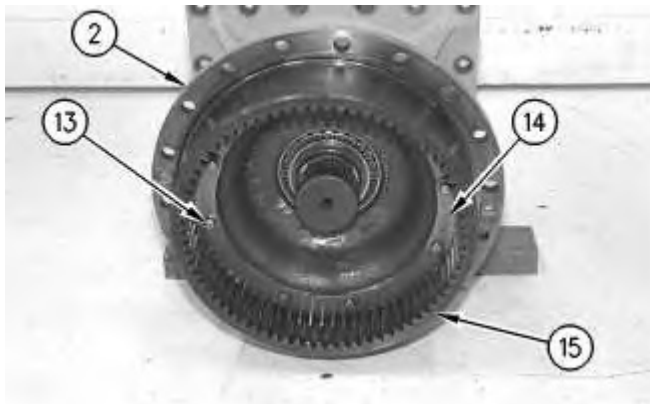


Illustration 5

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6. Remove locking bolts (13), the washers, and plates (14) to remove ring gear (15).
7. Remove ring gear (15) from the housing (2).

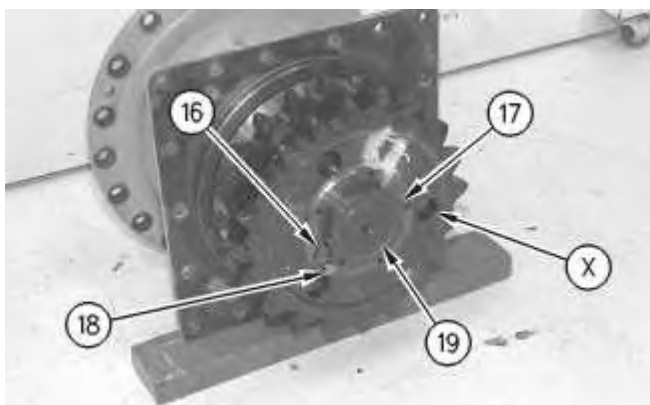


Illustration 6

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8. Remove locking bolt (18), the washer, and lock (16) which holds nut (17) to drive shaft (19).

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