



Service Repair Manual

Models

735 ARTICULATED TRUCK

Product: ARTICULATED TRUCK

Model: 735 ARTICULATED TRUCK 3F5

Configuration: 735 Articulated Truck 3F500001-UP (MACHINE) POWERED BY C13 Engine

Disassembly and Assembly 730 & 735 Articulated Truck Power Train

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i04947512

Pump Drive - Assemble

SMCS - 3108-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0520	Driver Gp	1
B	289-2838	Spanner	1
	289-2846	Spanner Wrench	1
E	-	Loctite 609	-



Illustration 1

g01354899

1. Raise temperature of bearing cone (20) and lower temperature of gear (19). Install bearing cone (20).



Illustration 2

g01354903

2. Lower the temperature of bearing cups (21) and (22). Install bearing cups (21) and (22).



Illustration 3

g01354888

3. Lower the temperature of gear (19) and raise the temperature of bearing cone (18). Position manifold on gear (19). Install bearing cone (18). Position lock (16). Install nut (17) and tighten hand tight.



Illustration 4

g01354874

4. Install bearing cone (14) onto carrier (15).



Illustration 5

g01354737

5. Lower the temperature of bearing cups (12) and (13). Install bearing cups (12) and (13) into gear (11).



Illustration 6

g02169653

6. Position gear (11) onto carrier (15). Install bearing cone (10). Install retaining ring (9).



Illustration 7

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7. Install seal (8).



Illustration 8

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8. Install O-ring seals (7).

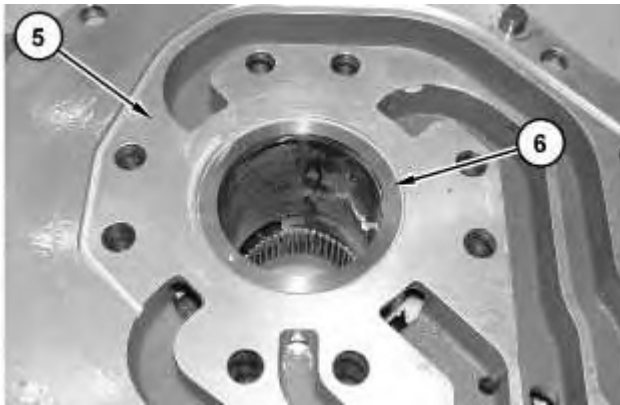


Illustration 9

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9. Install carrier assembly (6) into manifold (5).



Illustration 10

g01231869

10. Lower the temperature of race (4). Apply Tooling (E) evenly onto the mating surfaces of race (4) and manifold (2). Use Tooling (A) to install race (4) into manifold (2).
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