



Service Repair Manual

Models

725C2 Articulated Truck

Product: ARTICULATED TRUCK

Model: 725C2 ARTICULATED TRUCK 2T3

Configuration: 725C2 Articulated Truck 2T300001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly 730C2 and 725C2 Articulated Truck Power Train

Media Number -M0069866-02

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i05767925

Output Transfer Gears - Disassemble

SMCS - 3159-015-OJ

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-5750	Engine Stand	1
	1U-5749	Adapter Plate	1
B	154-6181	Forcing Screws	2
C	138-7573	Link Brackets	2
D	1P-2326	Forcing Screw	1
	1P-2325	Head	1
	8H-0709	Straps	2
	1S-5188	Puller Jaws	2
	3H-0462	Bolts	4
	1P-0520	Driver Group	1
	9S-9155	Spacer	1
E	1U-7600	Slide Hammer Puller	1
F	1U-6400	Three Jaw Puller	1
	1P-0520	Driver Group	1
	9S-9155	Spacer	1

	1P-0520	Driver Group	1
H	138-7575	Link Brackets	2

Start By:

- a. Remove the output transfer gears.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat[®] products.

Dispose of all fluids according to local regulations and mandates.



WARNING

Personal injury or death can result from improper lifting or blocking.

When a hoist or jack is used to lift any part or component, stand clear of the area. Be sure the hoist or jack has the correct capacity to lift a component. Install blocks or stands before performance of any work under a heavy component.

Approximate weights of the components are shown. Clean all surfaces where parts are to be installed.

1. Drain the oil from the output transfer gears into a suitable container.
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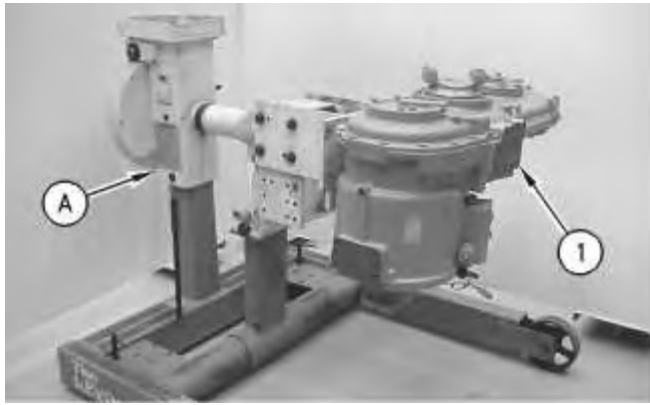


Illustration 1

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2. Mount output transfer gears (1) on Tooling (A), as shown. The weight of output transfer gears (1) is approximately 317 kg (700 lb).

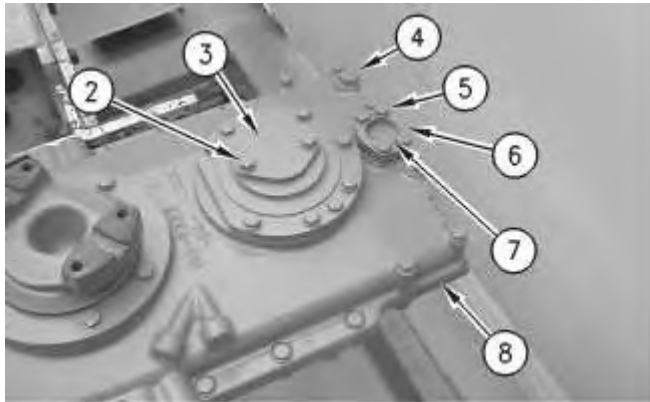


Illustration 2

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3. Remove bolts (5) in order to remove flanges (6) and cover (7). Remove plug (4) and the O-ring seal. Remove bolts (2) in order to remove cover (3) and the O-ring seal from case (8).

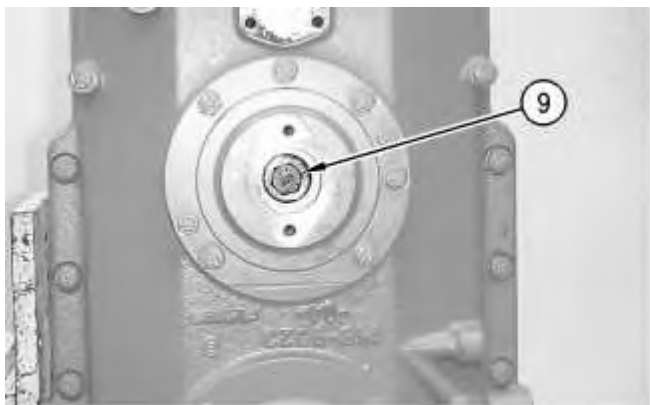


Illustration 3

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4. Remove bolt (9) from the yoke.

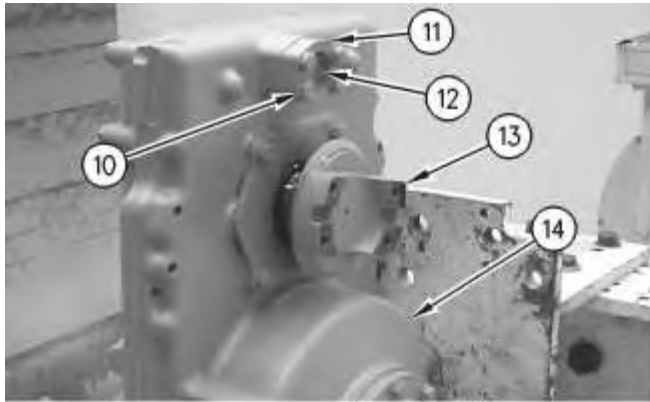


Illustration 4

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5. Remove yoke (13) from case (14). Remove bolts (10) in order to remove flanges (11) and cover (12) from case (14).

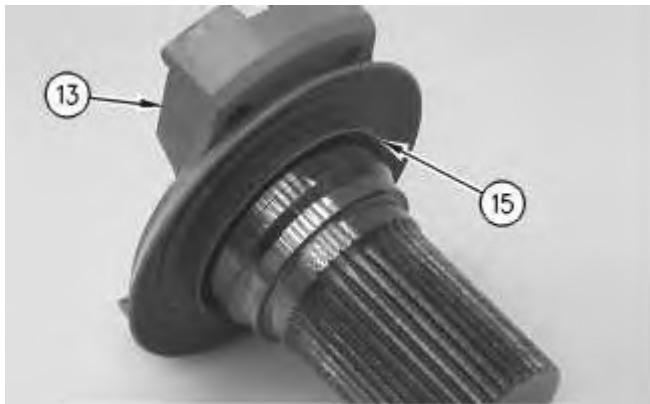


Illustration 5

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6. Remove seal (15) from yoke (13).

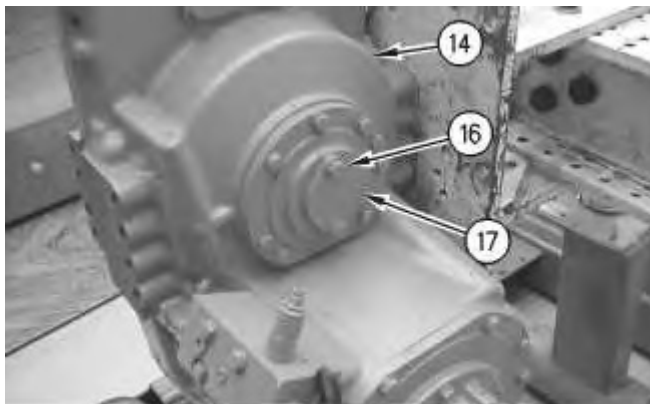


Illustration 6

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7. Remove bolts (16) in order to remove cover (17) from case (14).

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