



Service Repair Manual

Models

735B ARTICULATED TRUCK

Product: ARTICULATED TRUCK

Model: 735B ARTICULATED TRUCK L4D

Configuration: 735B Articulated Truck L4D00001-UP (MACHINE) POWERED BY C15 Engine

Disassembly and Assembly 735B, 740B and 740B EJECTOR Articulated Trucks Power Train

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i05486620

Output Transfer Gears - Disassemble

SMCS - 3159-015-OJ

Disassembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|---------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 180-3033 | Stand | 1 |
| B | 138-7574 | Link Bracket | 2 |
| C | 1P-2420 | Transmission Repair Stand | 1 |
| D | 138-7575 | Link Bracket | 2 |
| E | 1P-2321 | Combination Puller | 1 |
| F | 1P-0520 | Driver Gp | 1 |
| G | 1P-2322 | Combination Puller | 1 |
| H | 8B-7554 | Bearing Cup Puller | 1 |
| | 8B-7549 | Puller Leg | 2 |
| | 5B-0637 | High Idle Nut | 1 |
| | 5F-7353 | Washer | 1 |
| | 1B-4207 | Full Nut | 2 |
| | 3H-0465 | Push-Puller Plate | 4 |
| | 5F-7366 | Forcing Screw | 1 |
| | 5P-4808 | Cap | 2 |

| | | | |
|----------|----------|--------------------|---|
| | 1U-9895 | Crossblock | 1 |
| I | | Forcing Screw | 3 |
| J | 1P-2320 | Combination Puller | 1 |
| K | 154-6181 | Forcing Screw | 3 |

Start By:

- A. Remove the output transfer gears.

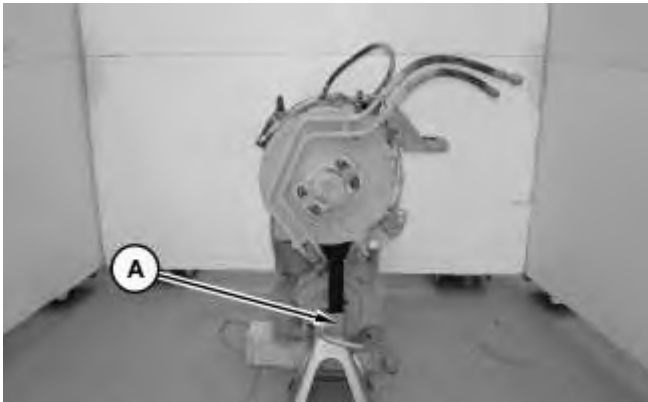


Illustration 1

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1. Use Tooling (A) and suitable cribbing in order to support the output transfer gears.

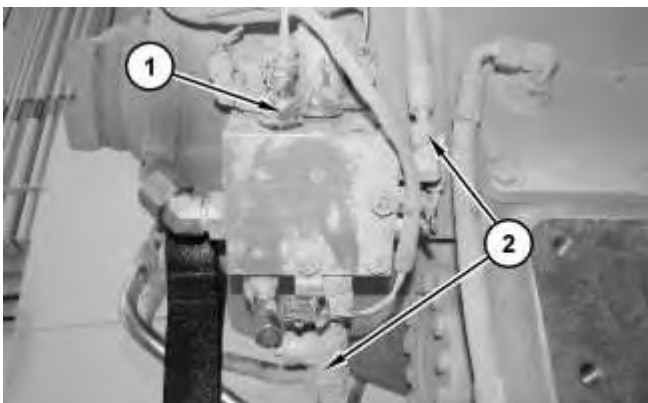


Illustration 2

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2. Disconnect harness assembly (1) .
 3. Remove lines and hoses (2) .
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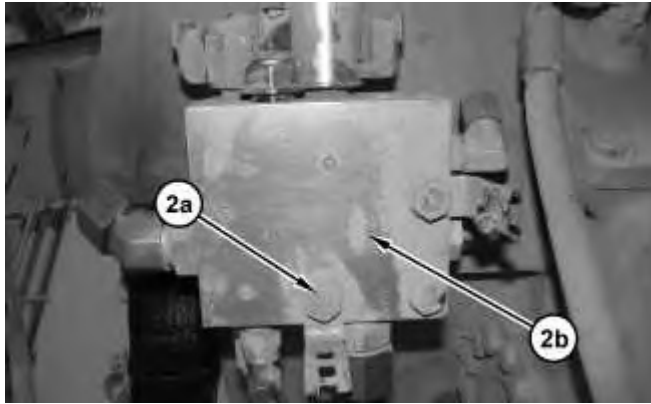


Illustration 3

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4. Remove bolts (2a) and valve (2b) .

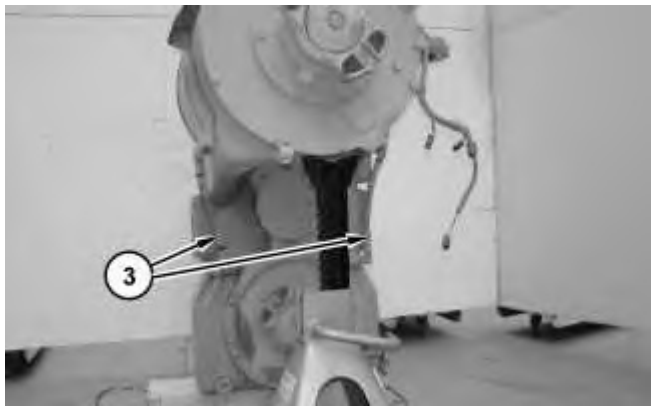


Illustration 4

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5. Remove hose assemblies (3) .

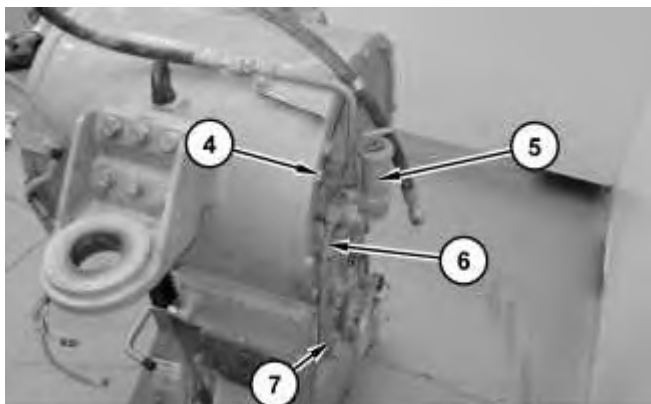


Illustration 5

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- Remove bolts (4) and the washers in order to remove oil filler tube (5) . Remove bolt (6) , the washer, and the clip that secures dipstick tube (7) to the output transfer gears. Loosen the retaining nut and remove tube (7) .

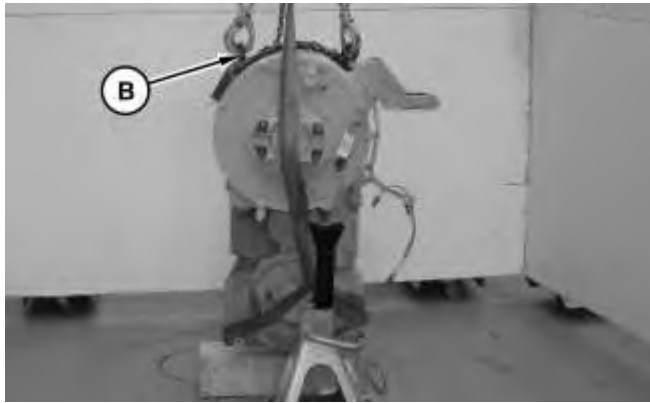


Illustration 6

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- Install Tooling (B) and a suitable lifting device onto the top of the output transfer gears. The weight of the output transfer gears is approximately 630 kg (1390 lb). Carefully lift the output transfer gears and remove Tooling (A) . Refer to step 1.



Illustration 7

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- Use the suitable lifting device in order to place the output transfer gears on Tooling (C) . Use suitable cribbing to support the output transfer gears.
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