



Service Repair Manual

Models

740B Articulated Truck

Product: ARTICULATED TRUCK

Model: 740B ARTICULATED TRUCK T4R

Configuration: 740B Articulated Truck T4R00001-UP (MACHINE) POWERED BY C15 Engine

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

Media Number -UENR0207-03

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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.

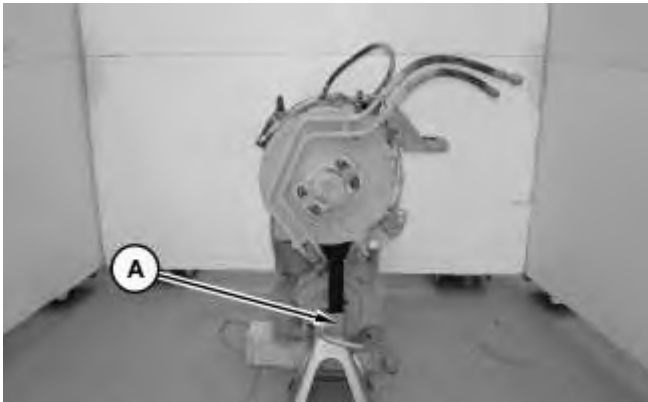


Illustration 1

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

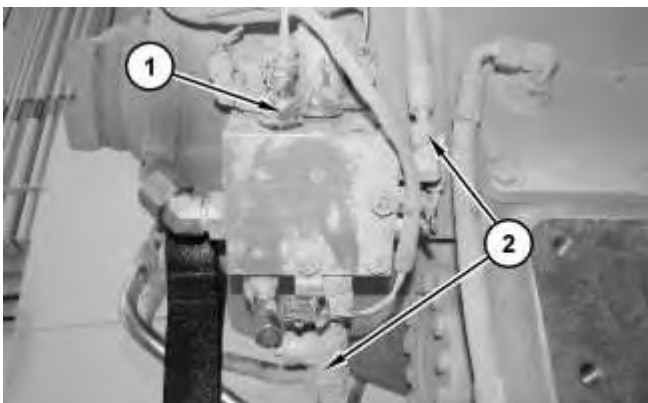


Illustration 2

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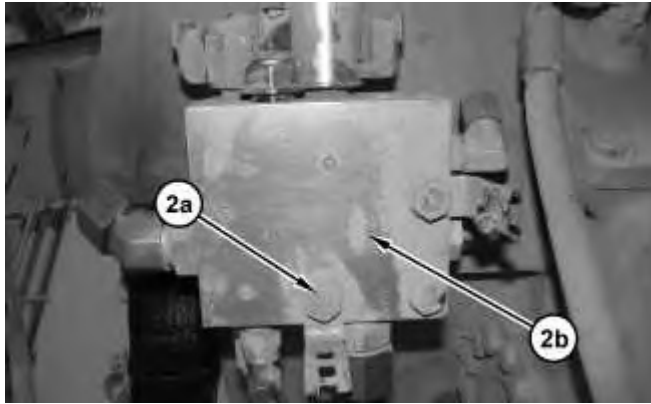


Illustration 3

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

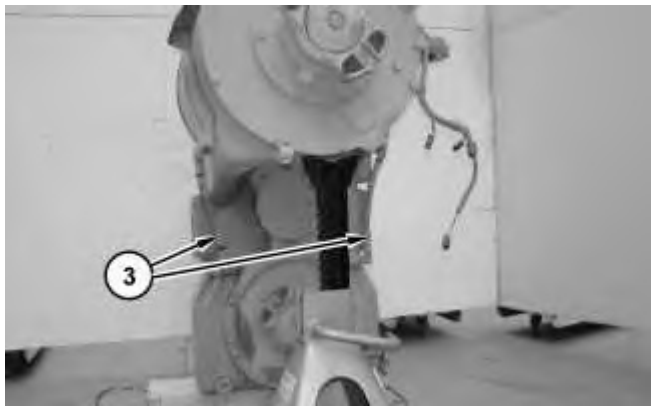


Illustration 4

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5. Remove hose assemblies (3) .

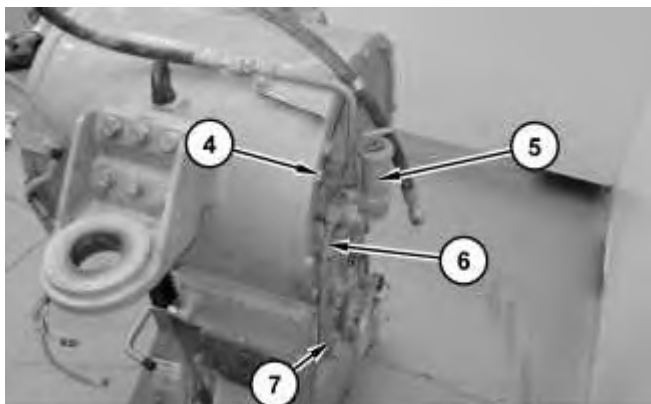


Illustration 5

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6. 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) .

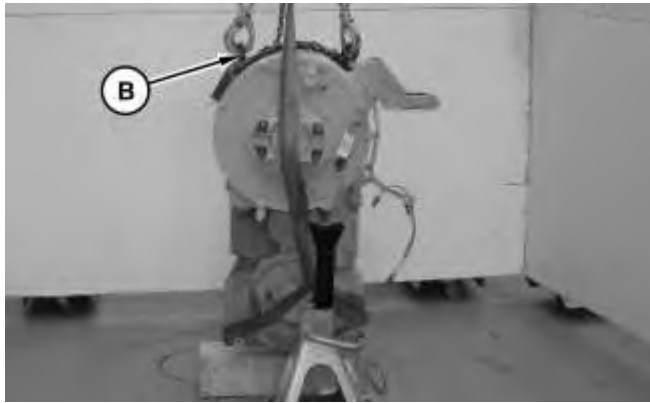


Illustration 6

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7. 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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8. 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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