



Service Repair Manual

Models

730 Ejector Articulated Truck

Product: ARTICULATED TRUCK

Model: 730 ARTICULATED TRUCK 3F4

Configuration: 730 Ejector Articulated Truck 3F400001-UP (MACHINE) POWERED BY C13 Engine

Disassembly and Assembly 730 & 735 Articulated Truck Power Train

Media Number -M0091671-01

Publication Date -01/10/2014

Date Updated -29/06/2018

i04956684

Torque Converter - Remove

SMCS - 3101-011

Removal Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 350-4401 | Adapter Plate | 1 |
| B | 1U-5750 | Engine Stand | 1 |
| | 1P-2850 | Oil Drain Cart | 1 |
| C | 395-1099 | Link Bracket | 3 |

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.

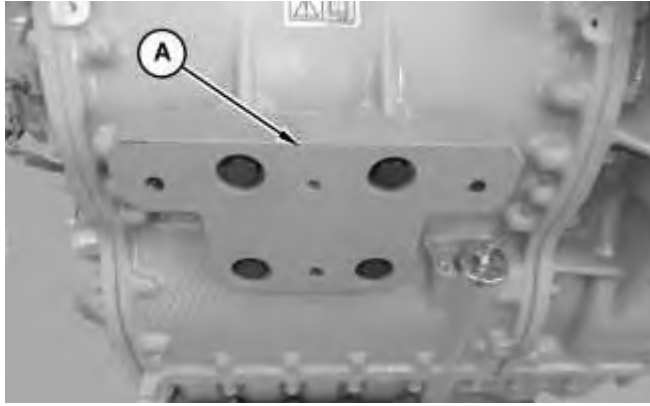


Illustration 1

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1. Install Tooling (A) on to transmission housing.

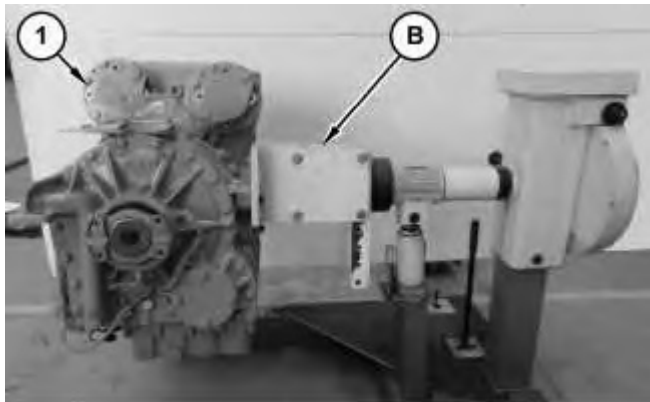


Illustration 2

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2. The weight of transmission (1) is approximately 590 kg (1300 lb). Use a suitable lifting device in order to install transmission onto Tooling (B).
3. Use Tooling (B) to position transmission vertically.



Illustration 3

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4. Remove plug (2) and the O-ring seal.

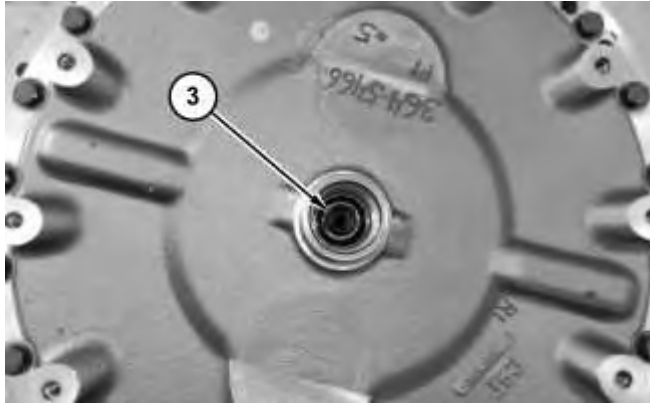


Illustration 4

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5. Remove Bolt (3).

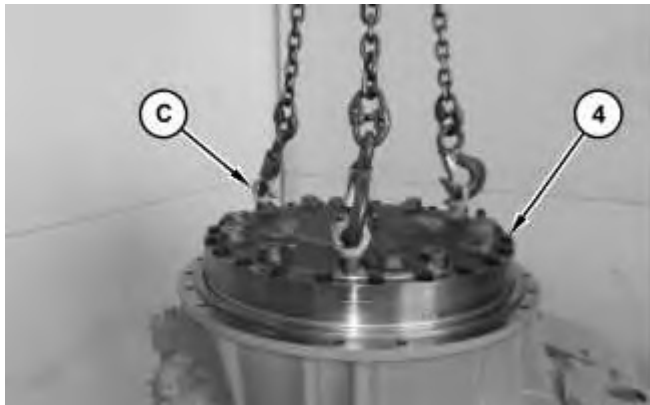


Illustration 5

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6. Attach Tooling (C) and a suitable lifting device to torque converter (4). The weight of torque converter (4) is approximately 91 kg (200 lb). Remove torque converter (4).

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i04937134

Torque Converter - Disassemble

SMCS - 3101-015

Disassembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 395-1099 | Link Bracket | 3 |
| B | 1P-0520 | Driver Gp | 1 |
| C | 154-6181 | Forcing Screw | 2 |

Start By:

- Remove the torque converter.



Illustration 1

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