



# Service Repair Manual

## **Models**

# 730C2 Ejector Articulated Truck

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Product: EJECTOR TRUCK

Model: 730C2 EJ EJECTOR TRUCK 2T5

Configuration: 730C2 Ejector Articulated Truck 2T500001-UP (MACHINE) POWERED BY C13 Engine

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

Media Number -M0069866-02

Publication Date -01/10/2014

Date Updated -14/11/2016

i04937139

# Torque Converter - Assemble

SMCS - 3101-016

## Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	395-1099	Link Bracket	3
B	1P-0520	Driver Gp	1

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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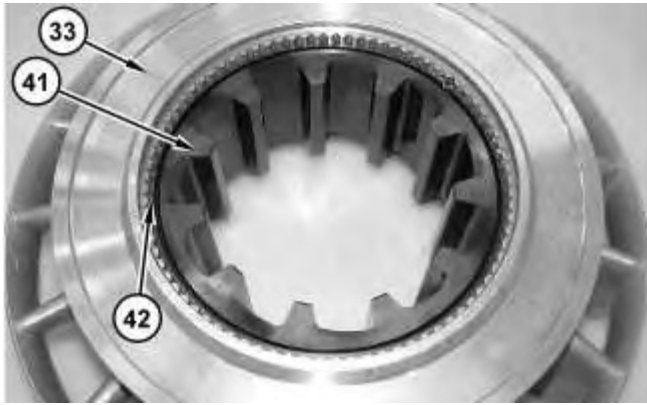


Illustration 1

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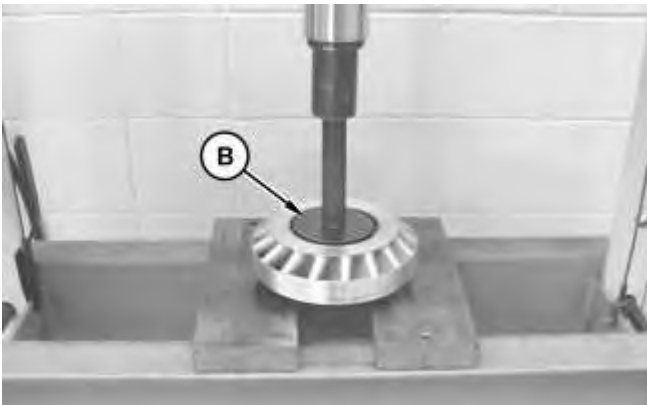


Illustration 2

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1. Install retaining ring (42). Raise the temperature of stator (33) and lower the temperature of cam (41). Use Tooling (B) and a suitable press in order to install cam (41).



Illustration 3

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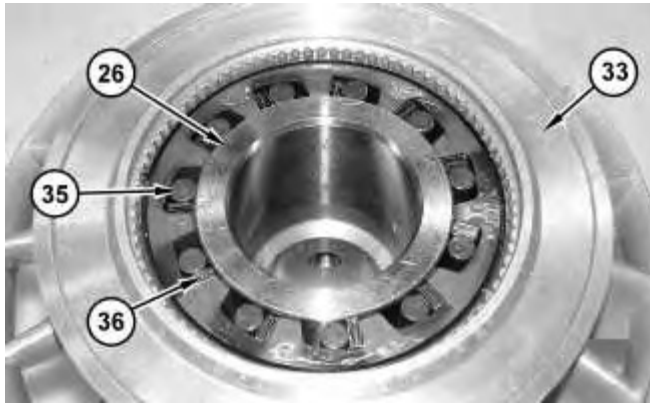


Illustration 4

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 **WARNING**

**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

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2. Position plate (38). Install retaining ring (37). Position bearing (34). Install carrier (26). Reposition stator (33). Install springs (36) with the maximum number of loops to the outside. Install rollers (35).

**Note:** Carrier (26) should only rotate counterclockwise once rollers (35) and springs (36) are installed.

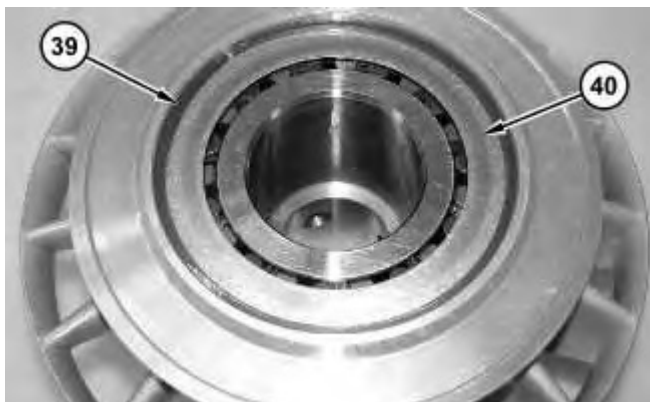


Illustration 5

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3. Position plate (40). Install retaining ring (39).
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Illustration 6

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4. Install O-ring seal (31) in adapter (29).



Illustration 7

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5. Position impeller (24) on adapter (29). Position hub (30). Install bolts (28). Tighten bolts (28) to a torque of  $105 \pm 14 \text{ N}\cdot\text{m}$  ( $77 \pm 10 \text{ lb ft}$ ). Install race (27).



Illustration 8

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6. Install carrier (26) onto stator (33). Install bearing (32).

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