

Product: ARTICULATED TRUCK

Model: 725C ARTICULATED TRUCK LFB

Configuration: 725C Articulated Truck LFB00001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly 725C Articulated Truck Power Train

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i05848286

Torque Converter - Disassemble

SMCS - 3101-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	439-3939	Link Bracket	3
B	-	M12 Guide Stud	3
C	1P-0510	Driver Gp	1
D	8T-4182	Bolt	2
E	1P-1863	Retaining Ring Pliers	1
F	8B-7551	Bearing Puller Gp	1

Start By:

- Separate the torque converter housing from the planetary transmission.



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.

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.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

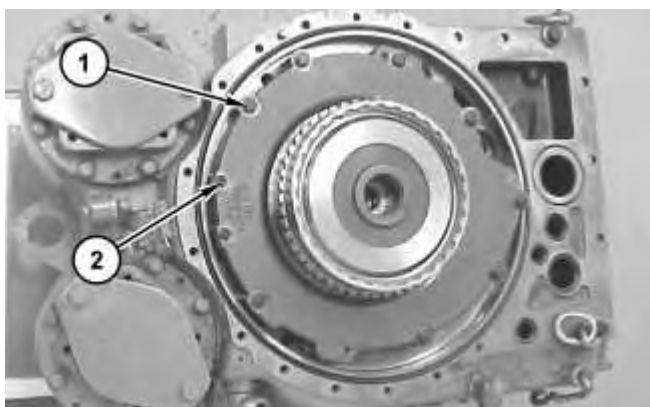


Illustration 1

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1. Remove bolts (1) and allen head screws (2) that secure the retarder in position.
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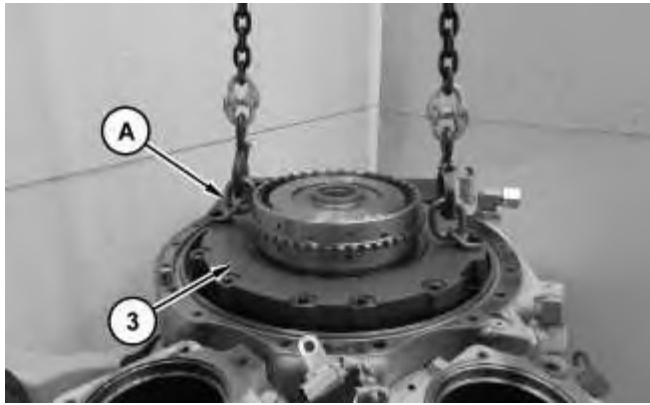


Illustration 2

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2. Use Tooling (A) and a suitable lifting device to remove retarder (3) from the center shaft of the torque converter. The weight of retarder (3) is approximately 48 kg (105 lb).



Illustration 3

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3. Remove allen head screws (4) and the washers from the torque converter housing.

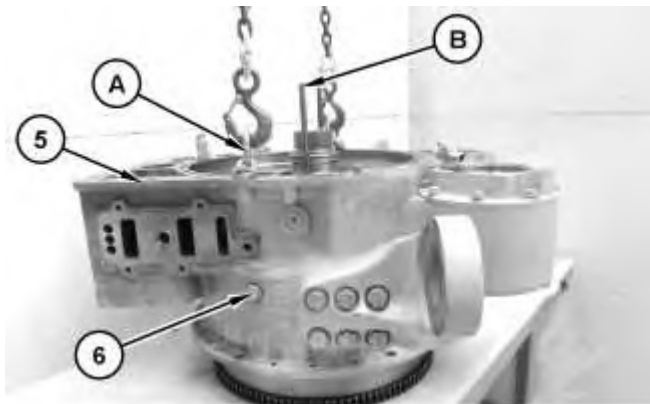


Illustration 4

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4. Remove bolts (6) from torque converter housing (5) in order to release the separator plate.

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