



Service Repair Manual

Models

320 GC Excavator

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Product: EXCAVATOR

Model: 320 GC EXCAVATOR ZBT

Configuration: 320 GC Excavator ZBT00001-UP (MACHINE) POWERED BY C4.4 Engine

Disassembly and Assembly 320GC, 320 and 323 Excavators Machine Systems

Media Number -M0080364-08

Publication Date -01/09/2018

Date Updated -12/09/2018

i07505832

Travel Motor - Disassemble

SMCS - 4351-015

Disassembly Procedure

Reference: Special Instruction, "Visual Service Procedures - Colors and Symbols" , M0066576

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
	FT-0957	Positioning Gp	3
B	-	M16x2 Threaded Rod	3
	8T-1757	Nut	9
	9X-8268	Washer	9
C	421-5662	Lifting Eye Assembly	1
D	421-5663	Lifting Eye Assembly	2
E	1U-9895	Crossblock	1
	3H-0465	Push-Puller Plate	1
	8T-0298	Bolt	2

Start By:

- a. Remove the travel motor.
-

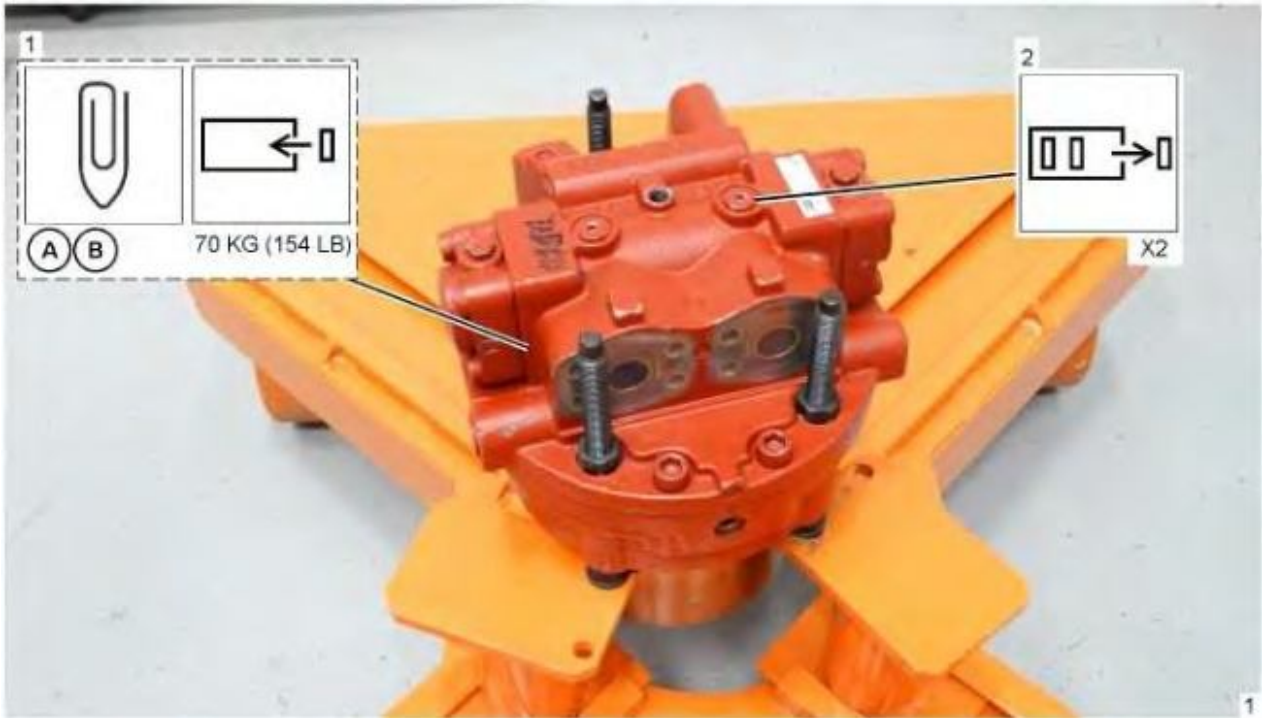


Illustration 1

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Remove plugs and the O-ring seals.

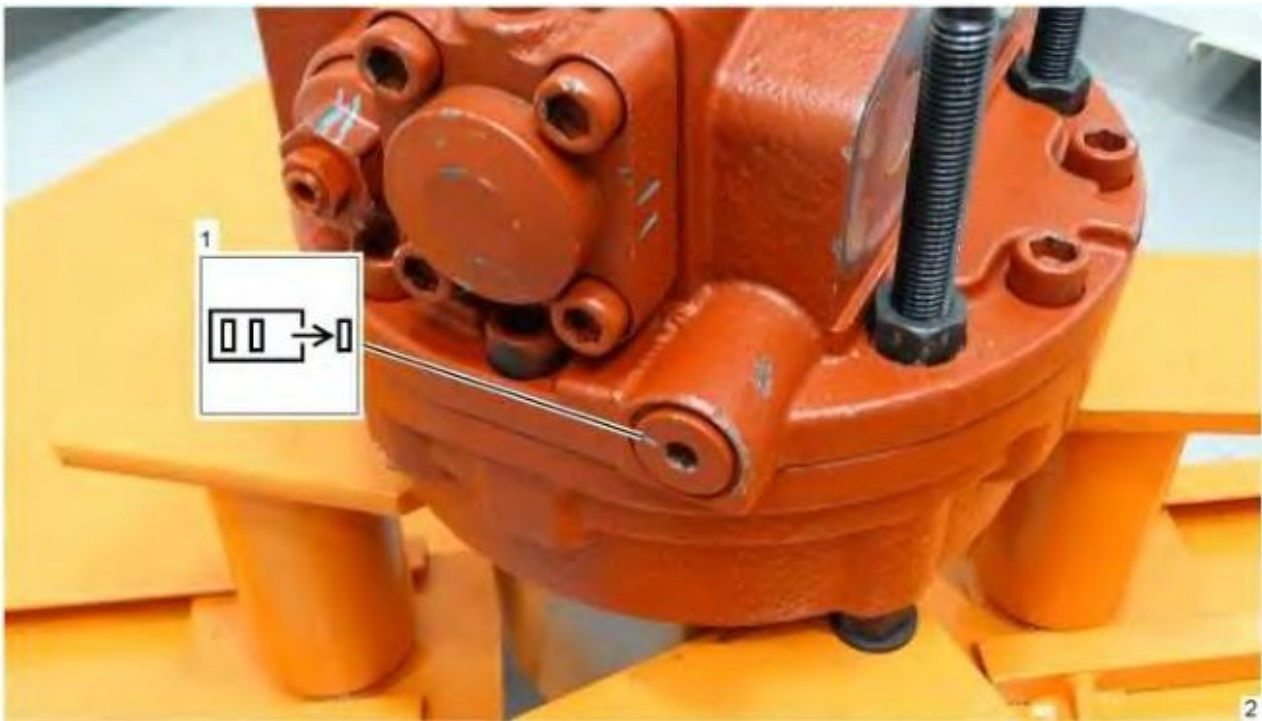


Illustration 2

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Remove plug and the O-ring seal. Repeat for the opposite side.



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Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

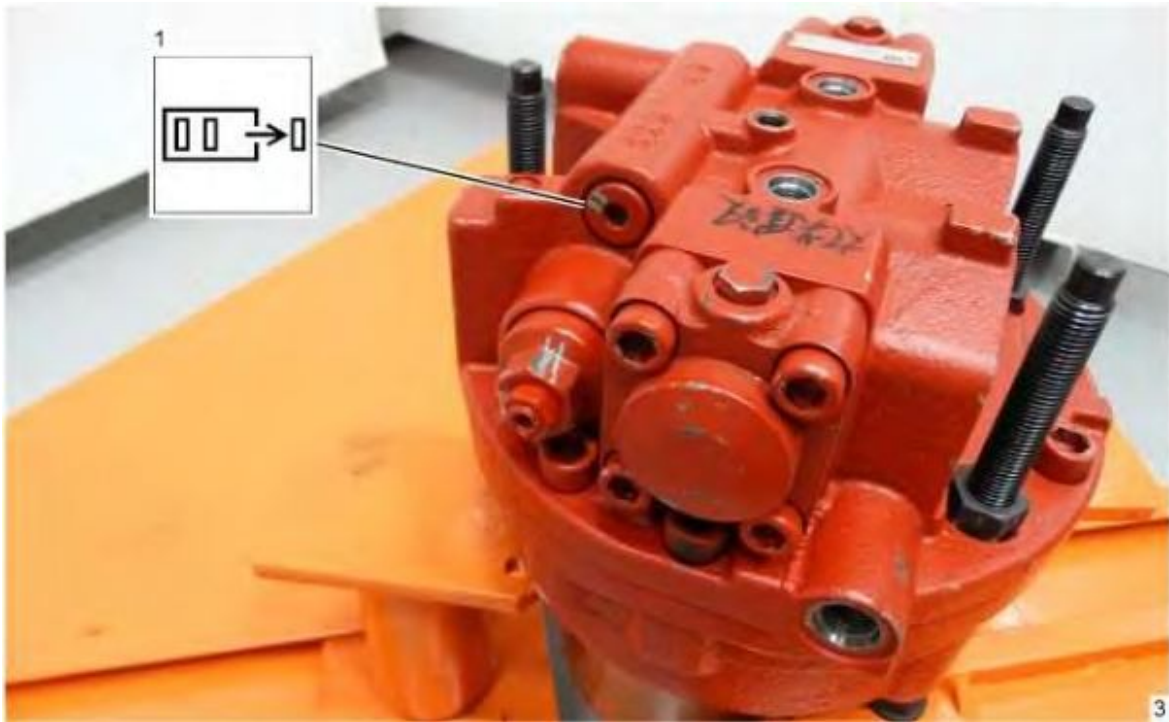


Illustration 3

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Remove plug and the O-ring seal. Repeat for the opposite side.

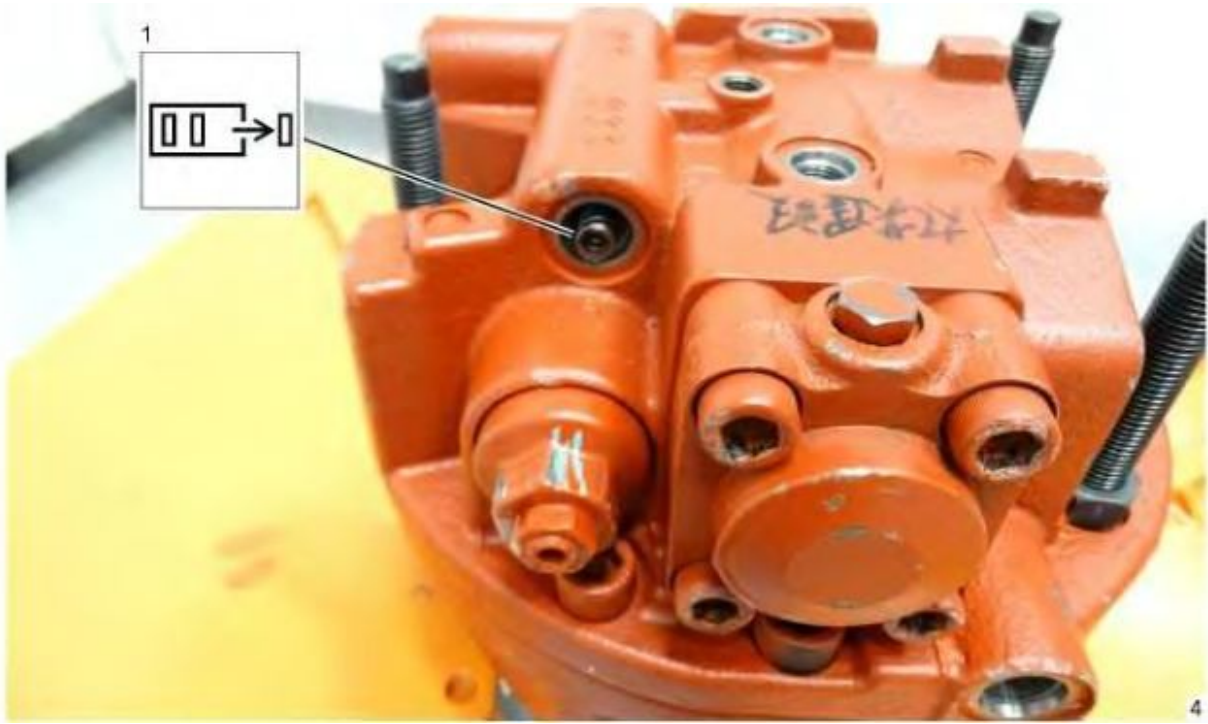


Illustration 4

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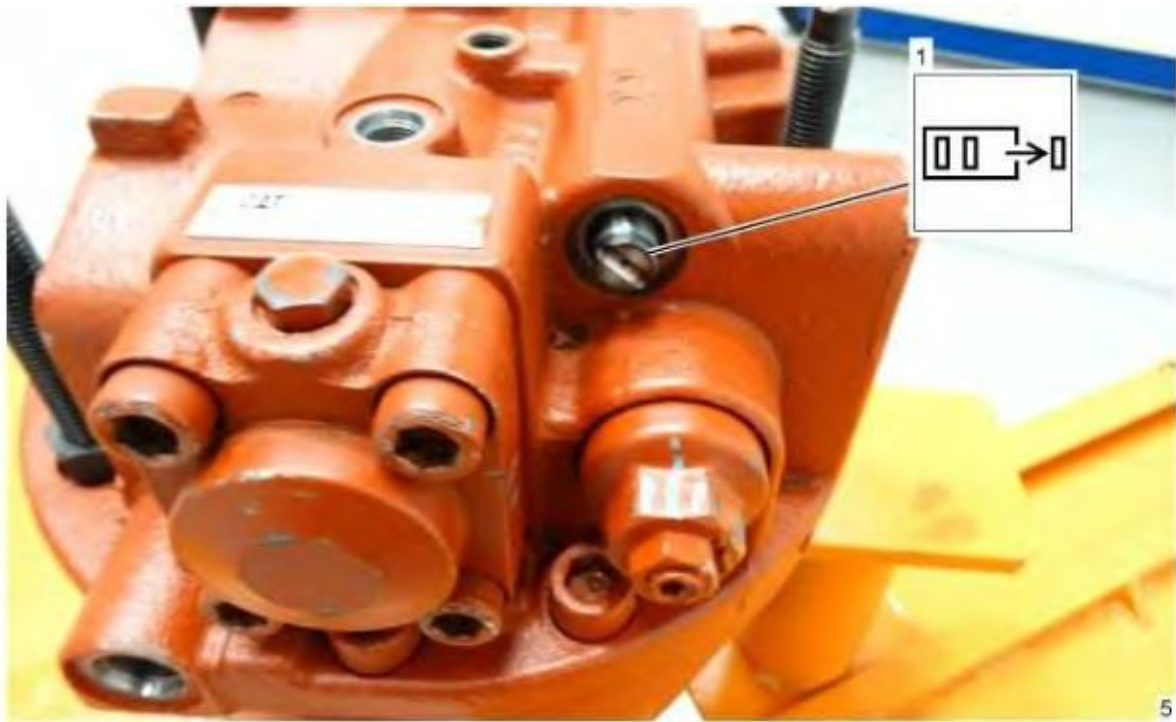


Illustration 5

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 **WARNING**

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

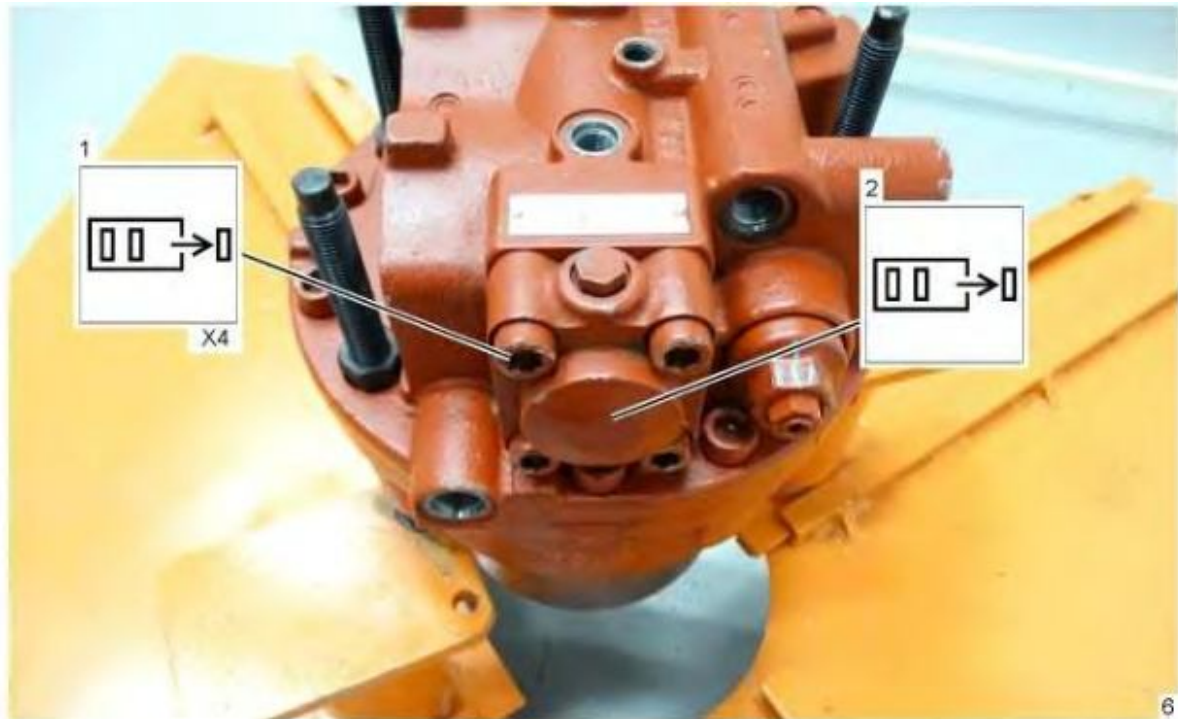
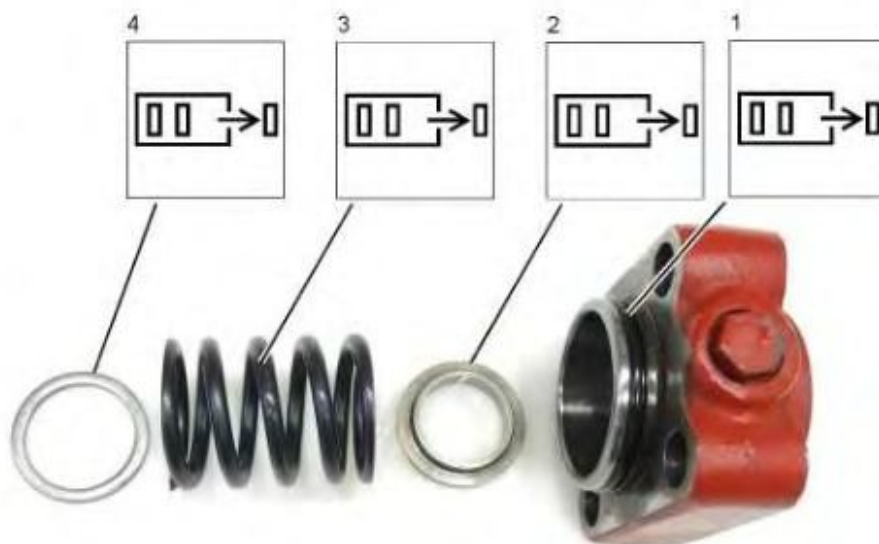


Illustration 6

g06344430

Repeat for the opposite side.



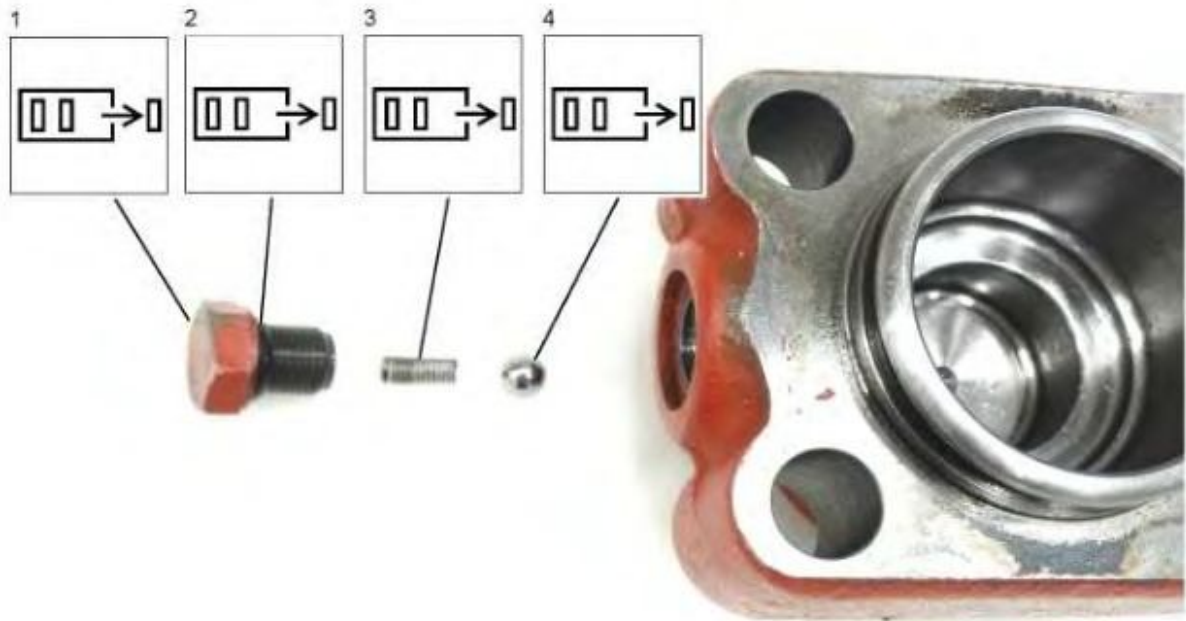
Repeat for the opposite side.

 **WARNING**

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.



Repeat for the opposite side.



Illustration 9

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Illustration 10

g06344670

Repeat for the opposite side.

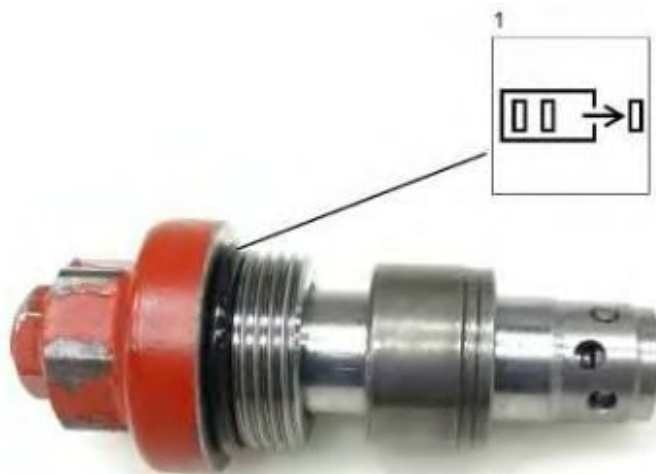


Illustration 11

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Repeat for the opposite side.

! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.



Illustration 12
Remove the nuts of Tooling (B).

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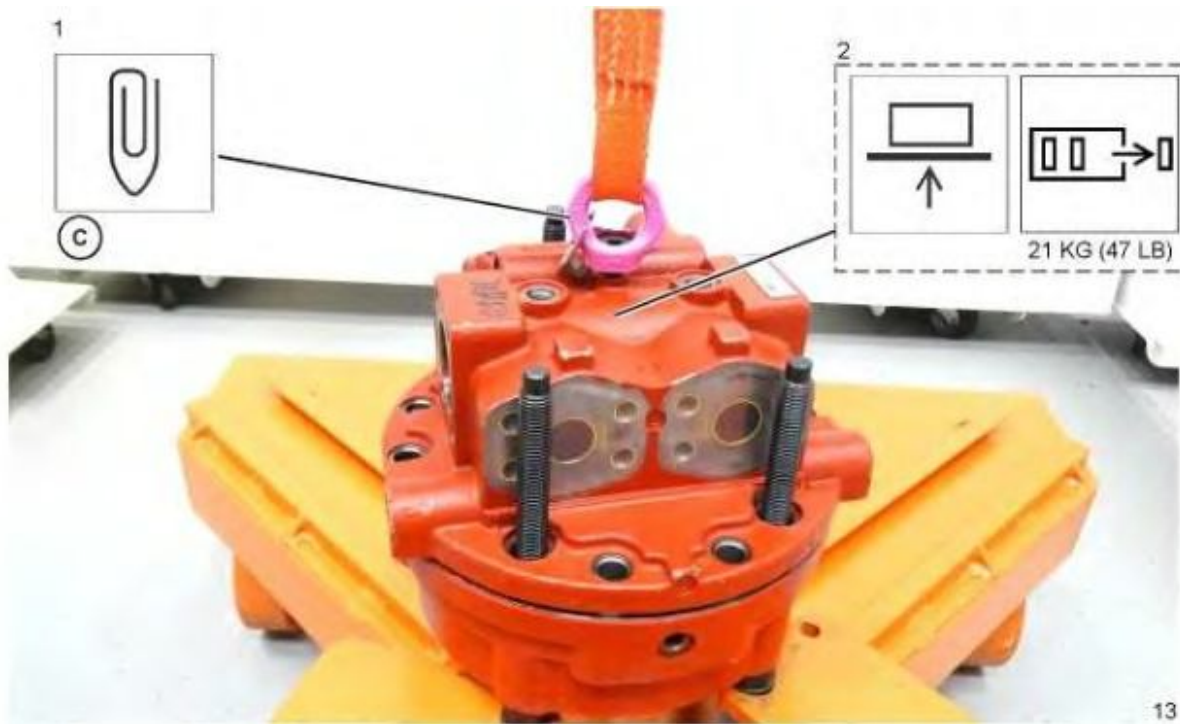
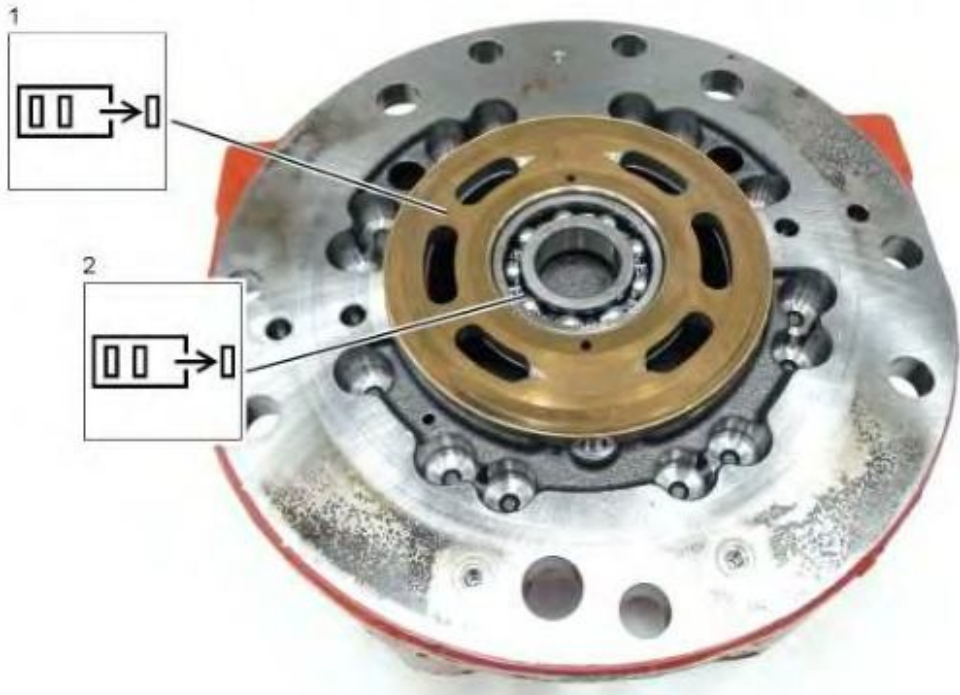


Illustration 13

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Illustration 14

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Illustration 15

g06344776



Illustration 16

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Remove the housing from the Tooling and place on a suitable bench.

 **WARNING**

To avoid personal injury, always wear eye and face protection when using pressurized air.



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Illustration 17
Use air pressure to unseat the brake piston.

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Illustration 18

g06344925



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Illustration 19

g06344940



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Illustration 20

g06344938



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Illustration 21

g06344946



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Illustration 22

g06345220



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Illustration 23

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Illustration 24

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Illustration 25

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Illustration 26

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Illustration 27

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Illustration 28

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Illustration 29

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Disassembly and Assembly
320GC, 320 and 323 Excavators Machine Systems

Media Number -M0080364-08

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Travel Motor - Assemble

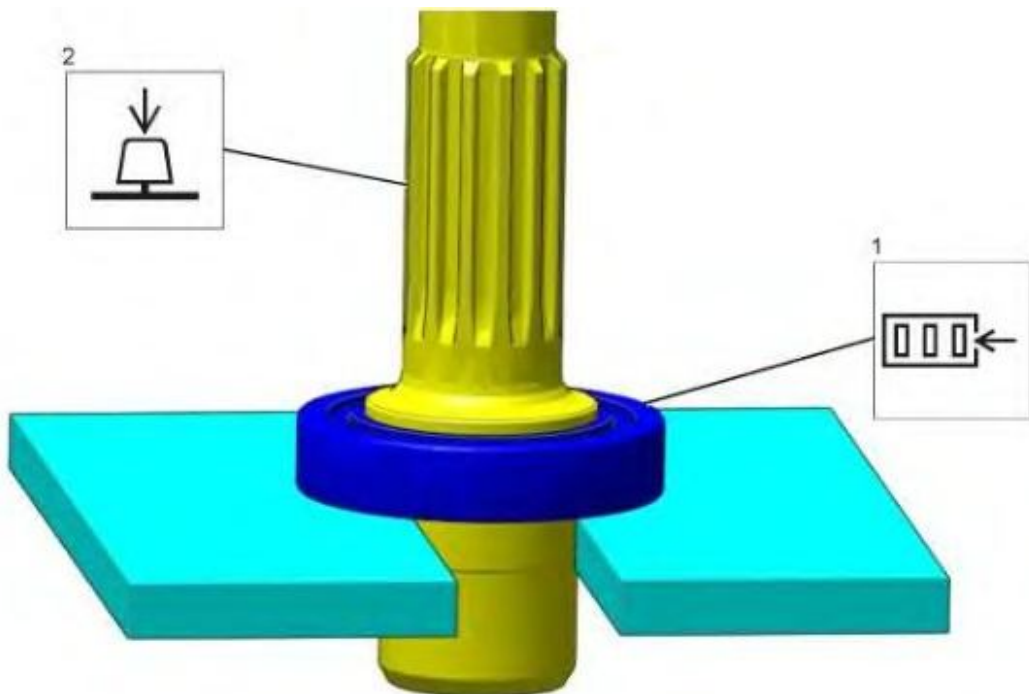
SMCS - 4351-016

Assembly Procedure

Reference: Special Instruction, "Visual Service Procedures - Colors and Symbols" , M0066576

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Gp	1



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