



Service Repair Manual

Models

335F and 335F L Excavator

Product: EXCAVATOR

Model: 335F EXCAVATOR SGJ

Configuration: 335F L Excavator SGJ00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly 335F CR Excavator Machine Systems

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i05984324

Travel Motor - Disassemble

SMCS - 4351-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-7506	Adapter	1
	8T-4244	Nut	6
	8T-4223	Hard Washer	6
	-	Threaded Rod M12 -1.75 by 250 mm (10 inch)	1
B	8T-0651	Bolt	1
	8T-4167	Hard Washer	1
C	3E-3882	Eyebolt	1
D	1P-1859	Retaining Ring Pliers	1
E	1P-0510	Driver Gp	1
	9S-9152	Bearing Puller Gp	1
F	1P-1861	Retaining Ring Pliers	1

Start By:

- a. Remove the travel motor.
 1. Fasten the travel motor in Tooling (A) in a vertical position. The weight of the travel motor is approximately 60 kg (132 lb).

2. Put an alignment mark across the head and the body of the travel motor for assembly purposes. The head must be reinstalled to the original orientation on the body of the travel motor.



Illustration 1

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WARNING

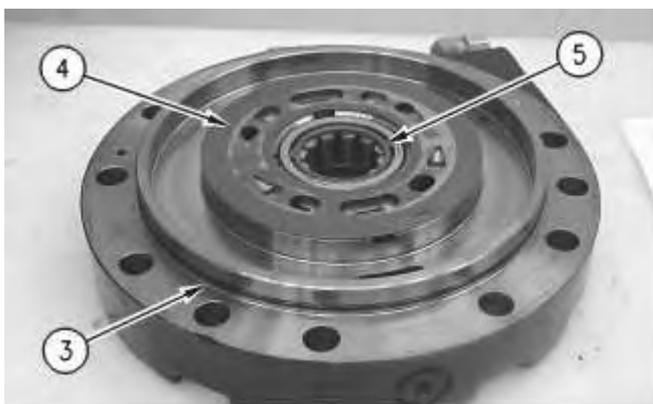
Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

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

Note: During the removal of head (2) from the travel motor, be careful not to damage the mating surfaces of the components.

3. Remove bolts (1).
4. Remove head (2) from the body of the travel motor.



5. Remove O-ring seal (3), port plate (4), and bearing (5).

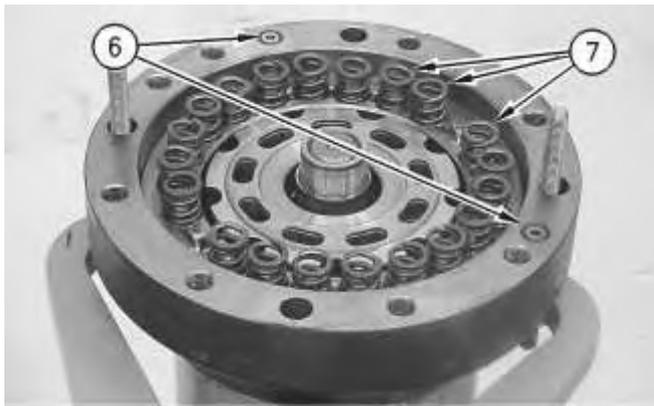


Illustration 3

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6. Remove O-ring seals (6). Remove springs (7).

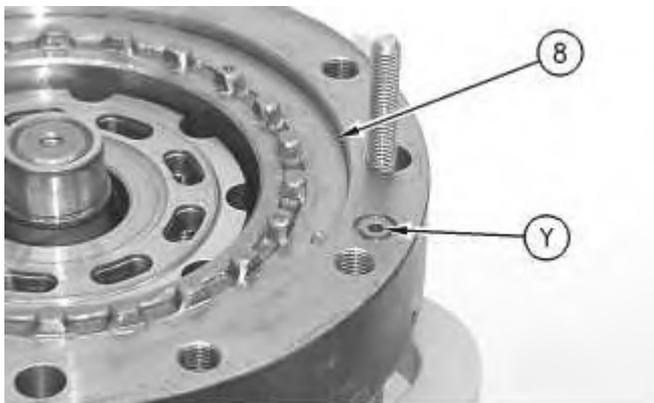


Illustration 4

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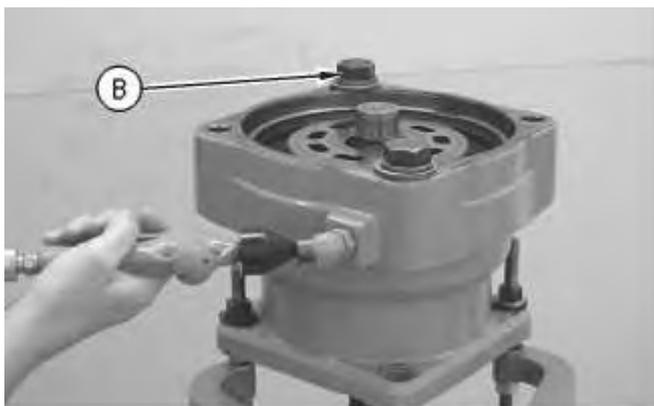


Illustration 5

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Example of the use of Tooling (B).

- Place a shop towel over brake piston (8). Retain brake piston (8) with Tooling (B). Apply approximately 525 kPa (75 psi) of shop air pressure to brake release Port (Y). Make sure that the shop air pressure is free of water. Brake piston (8) will move up the piston guide, and out of the piston guide. Remove brake piston (8) from the body of the travel motor.



Illustration 6

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- Remove seal (9) and backup ring (10) from the brake piston.
- Remove seal (11) and backup ring (12) from the brake piston.

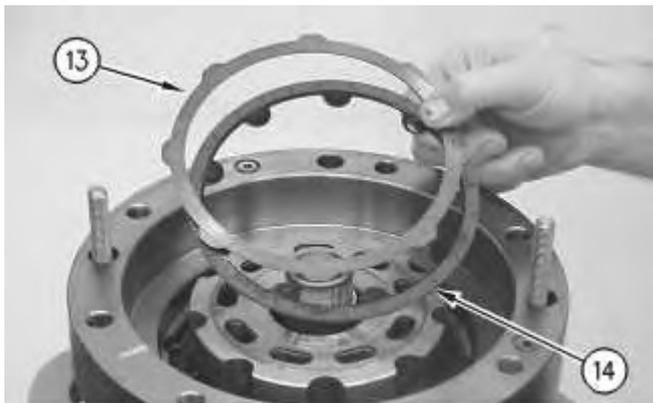
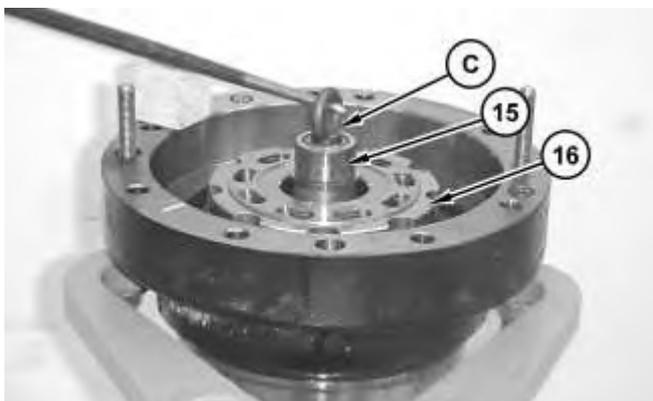


Illustration 7

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- Remove plates (13) and friction discs (14).



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