



Service Repair Manual

Models

365B EXCAVATOR

Product: EXCAVATOR
Model: 365B EXCAVATOR BTH
Configuration: ISJ HEX COMMONALITY CHART BTH00001-UP (MACHINE)

Disassembly and Assembly 365B, 365B Series II, 365BL and 365BL Series II Excavators Machine Systems

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i01492295

Travel Motor - Disassemble

SMCS - 4351-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
(A)	1P-1864	Pliers	1
(B)	1P-1858	Pliers	1
(C)	138-7575	Link Bracket	2
(D)	1P-0520	Driver Group	1

Start By:

- A. Remove the travel motor. Refer to Disassembly and Assembly, "Travel Motor - Remove and Install " in this manual.

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, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

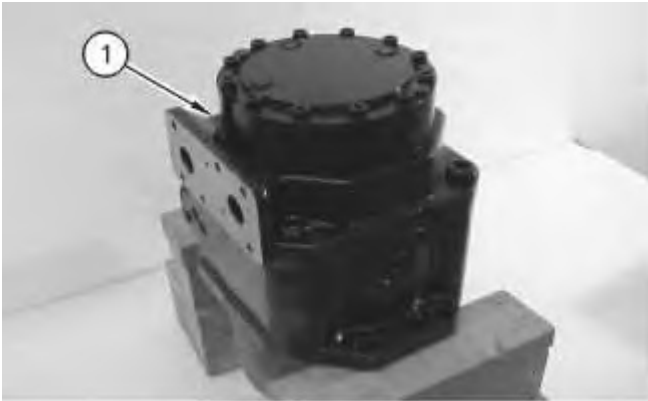


Illustration 1

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1. Thoroughly clean the outside of travel motor (1) prior to disassembly. Weight of the travel motor is 118 kg (260 lb).
2. Place an alignment mark across all housings of the travel motor for assembly purposes.

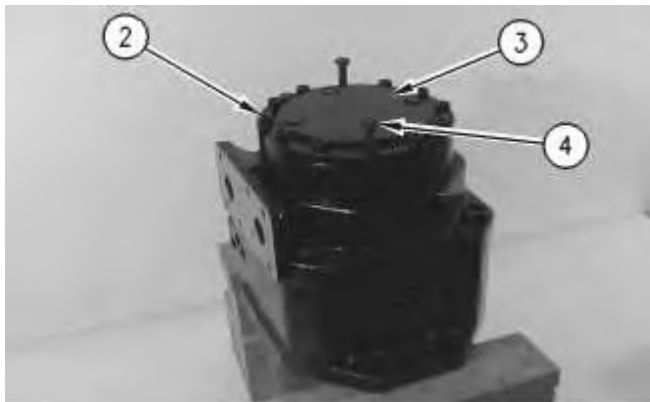


Illustration 2

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 **WARNING**

Personal injury can result from parts and/or covers under spring pressure.

Spring force will be released when covers are removed.

Be prepared to hold spring loaded covers as the bolts are loosened.

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3. Remove two socket head bolts (2) from brake cover (3) that are 180 degrees from each other. Replace these two bolts with bolts (4) that are slightly longer in length. The two longer bolts will retain the brake cover when the remaining ten socket head bolts (2) are removed.
 4. Carefully remove the ten remaining socket head bolts (2) that retain the brake cover in position.
 5. Remove two longer bolts (4) from the brake cover.

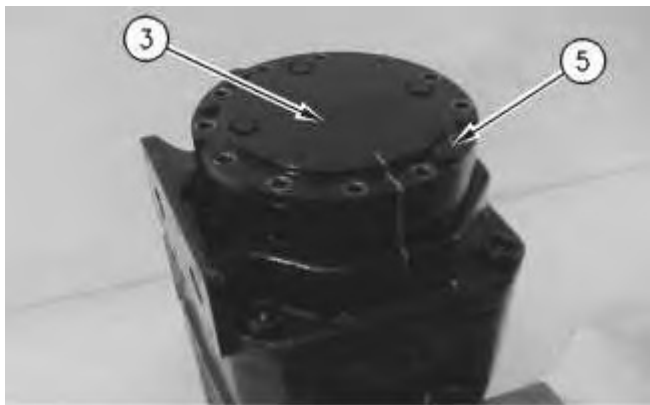


Illustration 3

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6. Remove two remaining hex head bolts (5) from brake cover (3) .
7. Remove brake cover (3) from the head assembly.

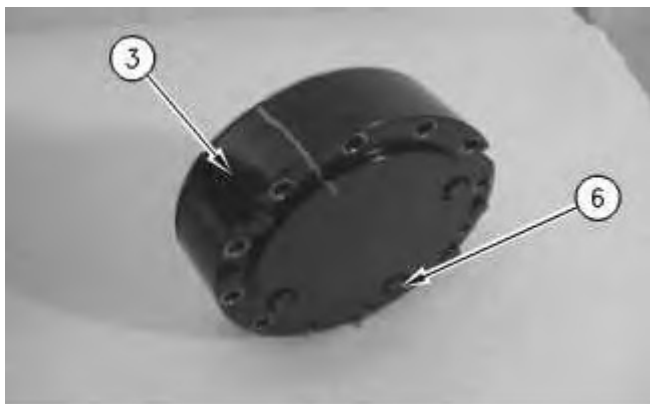


Illustration 4

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8. If necessary, remove the brake adjusting screws (6) from brake cover (3) .
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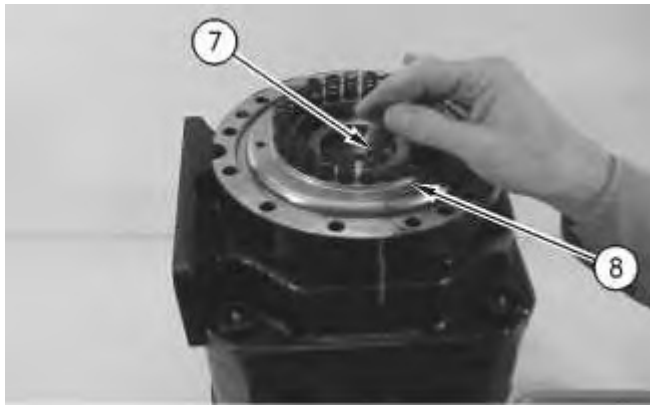


Illustration 5

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Note: There is an inner spring and an outer spring in each spring set.

9. Remove twenty-four spring sets from the brake and piston assembly.



Illustration 6

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10. Remove brake assembly (9) from head assembly (8) .

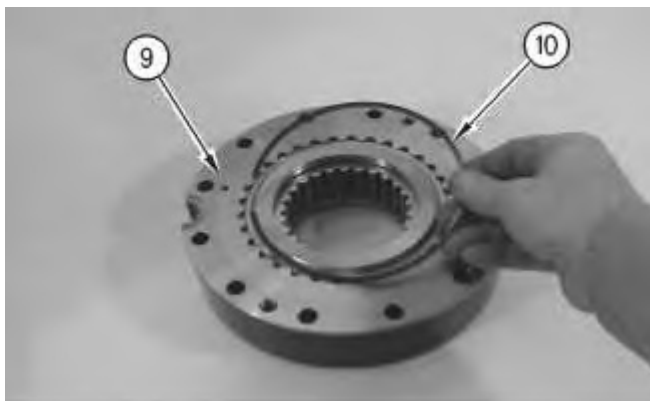


Illustration 7

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