



Service Repair Manual

Model

322C and 322C L 322CL Excavator

Product: EXCAVATOR

Model: 322C EXCAVATOR FED

Configuration: 322C & 322C L Excavators FED00001-UP (MACHINE) POWERED BY 3126 Engine

Disassembly and Assembly 322C Excavator Machine Systems

Media Number -REN3843-07

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i02349029

Control Manifold (Pilot Oil) - Install - NFC Control Valve

SMCS - 5059-012-M9

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	FT-2674	Vacuum Cap	1

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.



Illustration 1

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1. Install control manifold (10), the washers and bolts (11).

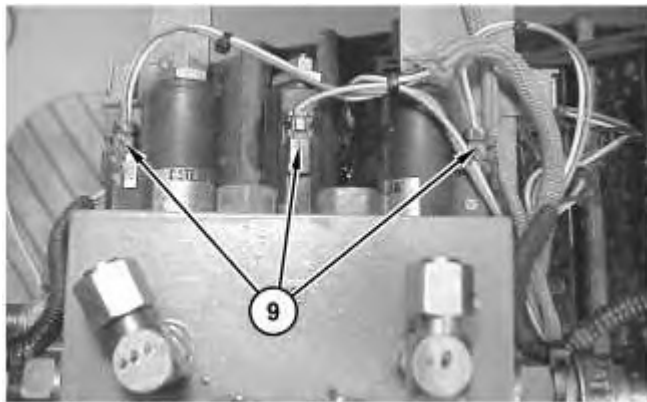


Illustration 2

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2. Connect harness assemblies (9).



Illustration 3

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3. Connect harness assembly (8) and hose assemblies (7).

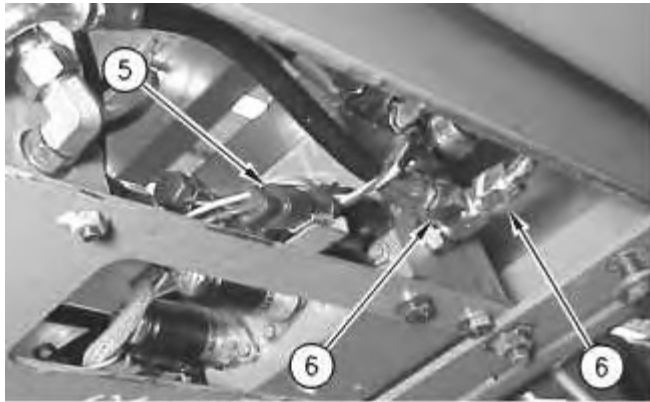


Illustration 4

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4. Remove the plugs and the caps.
5. Connect hose assemblies (6) and harness assemblies (5).

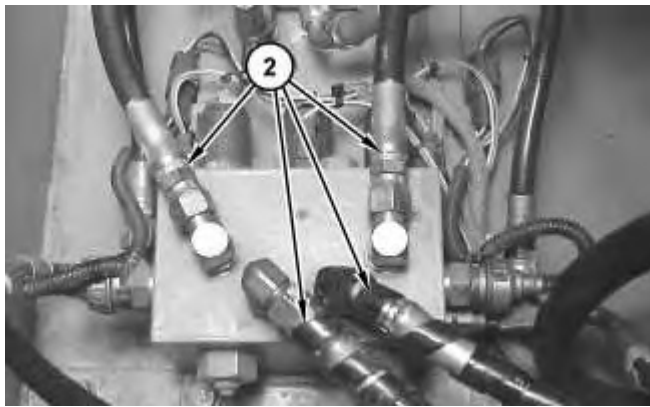


Illustration 5

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6. Connect hose assemblies (2).

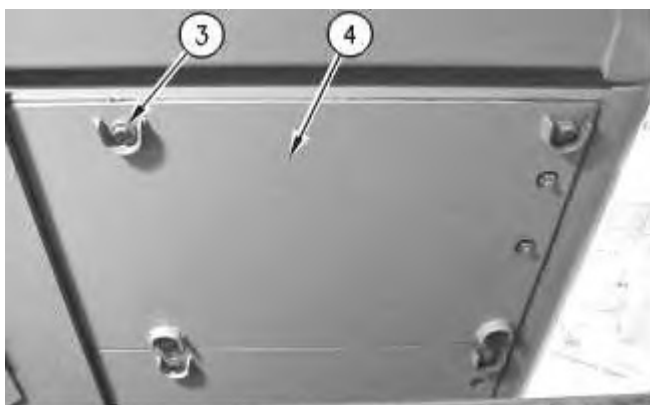


Illustration 6

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7. Install access cover (4), the washers and bolts (3).
8. Remove Tooling (A) and install the cap to the hydraulic tank.

9. Install high efficiency filters in place of the pilot filter, the case drain filter, and the return filter.

Note: High efficiency filters should not be run for more than 250 hours before you change back to the standard filters.

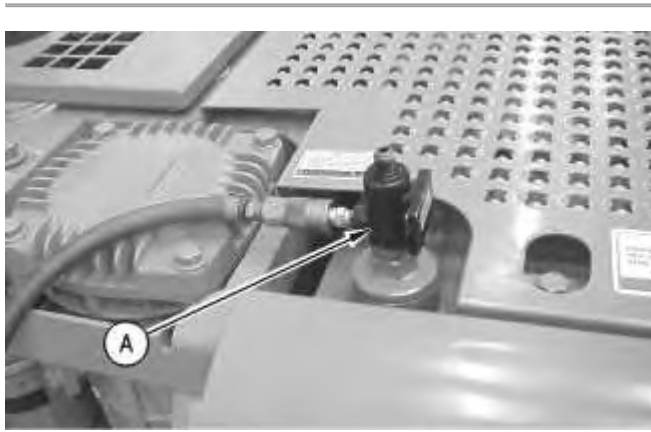


Illustration 7

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10. Remove Tooling (A).
11. Check the hydraulic system level.



Illustration 8

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12. Close access door (1) on the right side of the machine.

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