CATERPILLAR®

Service Repair Manual

Models

245 EXCAVATOR

Model: 245 EXCAVATOR 94L

Configuration: 245 EXCAVATOR 94L00001-00254 (MACHINE) POWERED BY 3406 ENGINE

Disassembly and Assembly 245 EXCAVATOR VEHICLE SYSTEMS

Media Number -SENR7339-02

Publication Date -01/01/1983

Date Updated -12/10/2001

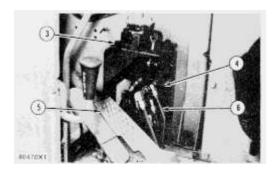
Bucket And Boom Pilot Control Valve

SMCS - 5452-11; 5452-12

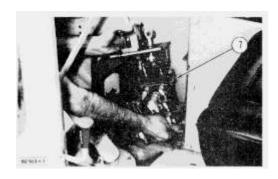
Remove Bucket And Boom Pilot Control Valve



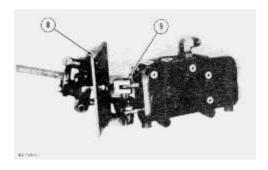
- **1.** Remove the knob from control lever (1).
- **2.** Remove the three covers (2).



- **3.** Remove the foot support (5).
- **4.** Disconnect the oil lines (6) from valve.
- **5.** Remove the three bolts (4) from valve, and the three bolts (3) from support assembly.

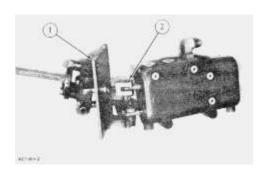


6. Remove the bucket and boom pilot control valve (7).

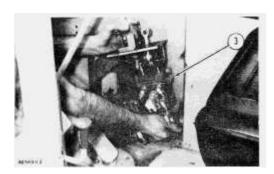


- 7. Remove the two cotter pins and pins (9).
- **8.** Remove the support assembly (8) from pilot control valve.

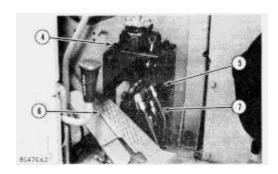
Install Bucket And Boom Pilot Control Valve



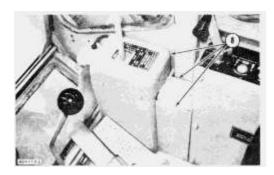
1. Put the support assembly (1) in position on pilot control valve. Install the two pins (2) and cotter pins.



2. Put the bucket and boom pilot control valve (3) in position.



- **3.** Install the three bolts (4) in support assembly and the three bolts (5) in valve.
- **4.** Connect the oil lines (7) to valve.
- **5.** Install foot support (6).



- **6.** Install the three covers (8).
- 7. Install the knob on control lever.

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Wed Oct 9 23:40:56 UTC+0800 2019

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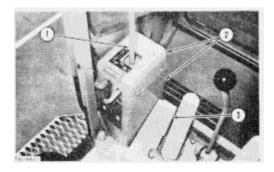
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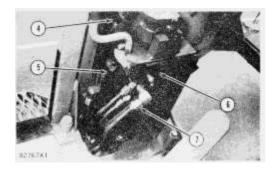
Stick And Swing Pilot Control Valve

SMCS - 5452-11; 5452-12

Remove Stick And Swing Pilot Control Valve



- **1.** Remove the knob from control lever (1).
- 2. Remove the two covers (2).
- **3.** Remove the foot support (3).



- **4.** Disconnect the linkage (5) from safety lever.
- **5.** Disconnect the oil lines (7) from valve.
- **6.** Remove the three bolts (6) from valve, and the three bolts (4) from support assembly.

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