

Disassembly and Assembly 245 FRONT SHOVEL VEHICLE SYSTEM

Media Number -SEN7717-00

Publication Date -01/09/1977

Date Updated -12/10/2001

Boom

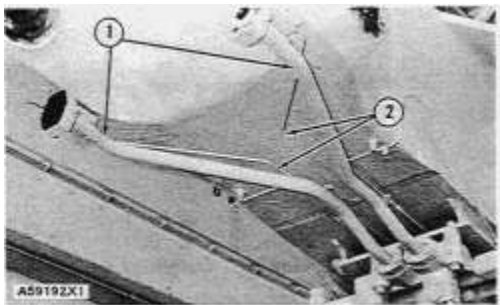
SMCS - 6501-11; 6501-12

Remove Boom

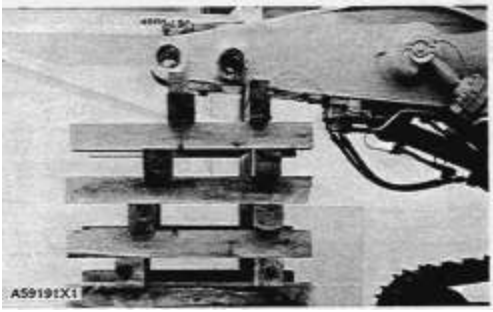
	Tools Needed	A
5P4768	Adapter	1
9S5559	Stud	1
9S5431	Sleeve Assembly	1
1P1841	Pulling Adapter	1
7F9540	Puller Assembly	1
1P543	Nut	1
5P3100	Pump Group	1

start by:

- a) remove stick
- b) remove stick cylinder
- c) remove bucket cylinders

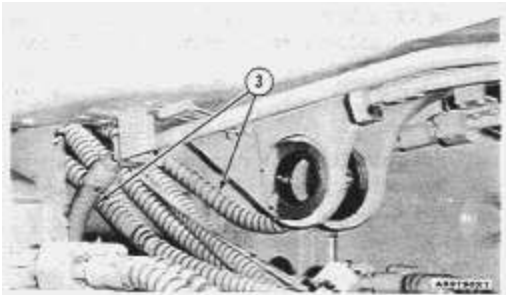


1. Remove two hydraulic tubes (1) and two grease lines (2) from the boom.

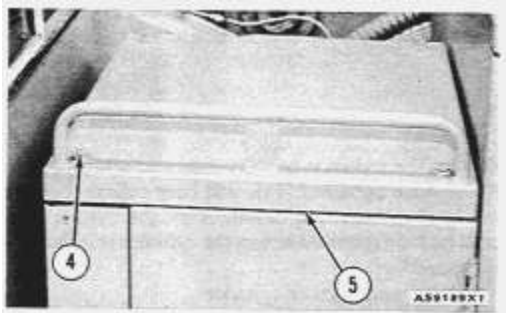


2. Use 8" x 8" and 6" x 6" cribbing (shoring) as a support for the boom.

3. Remove two boom cylinders (left and right) and master cylinder. See REMOVE BOOM CYLINDERS (LEFT AND RIGHT) and REMOVE MASTER CYLINDER.

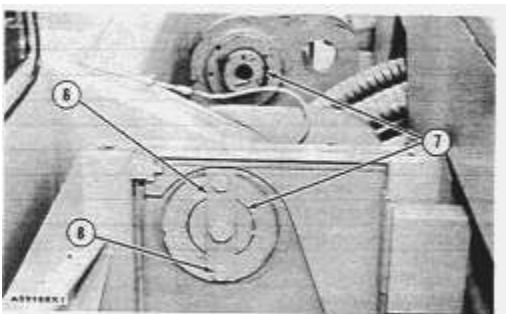


4. Disconnect two hydraulic tubes (3).



5. Remove bolts (4) then remove access cover (5) to get to the inside boom pin.

6. Fasten a hoist to the boom.



7. Remove three bolts (8) and bars (6) that hold the boom pins (7) in position.