

**CATERPILLAR****Service Information Systems****Disassembly and Assembly****DO & 311 BACKHOE**

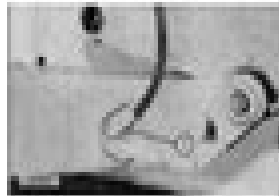
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Publication Date : 01/1997 (1997)

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**Boom And Boom Cylinder**

345B-12, 345B-12, 408E

**Remove Boom And Boom Cylinder**

See Fig.

a) Remove boom cylinder

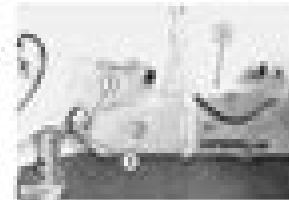


1. For identification on hydraulic boom for correct assembly when disconnected. Disconnect two hydraulic booms (2) to the boom cylinder.



2. Put a block under the boom cylinder. Remove nut and bolt (3).

3. Remove pin (5).



4. Push a lever to boom (4). Remove nut and bolt (6).

5. Remove pin (7).



6. Lower and curve boom (4) and the boom cylinder from the stick assembly. Weight is 645 lb. (290 kg). Remove the boom.



7. Remove nut, lockwasher, washer and bolt (8). Remove clip (7).

# Cat 931b Service Manual

**Caterpillar Tractor Company (U.S.A)**



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