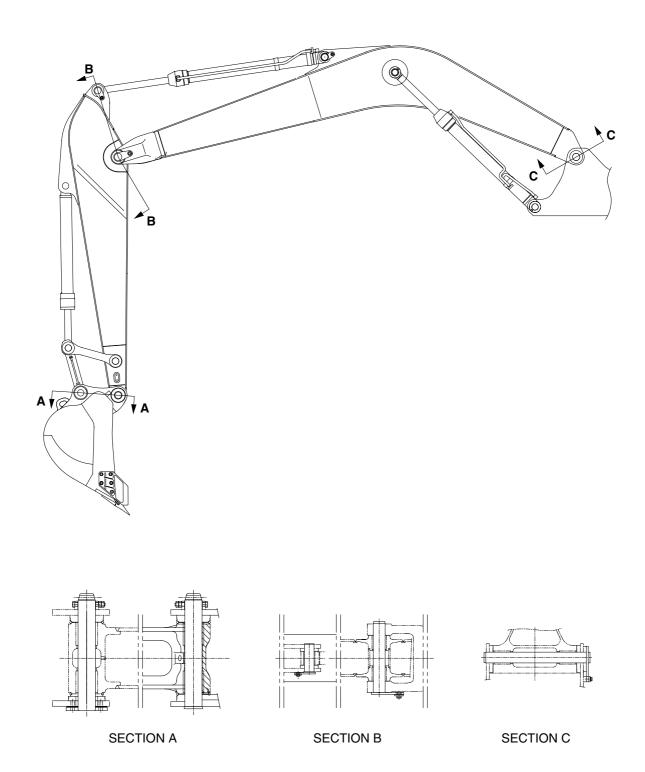
GROUP 11 WORK EQUIPMENT

1. STRUCTURE



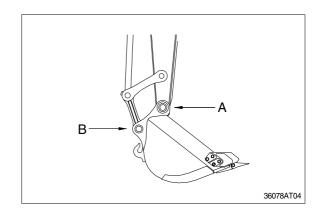
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2. REMOVAL AND INSTALL

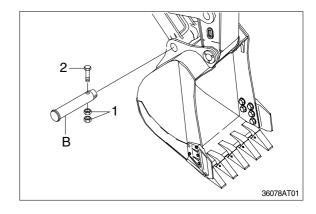
1) BUCKET ASSEMBLY

(1) Removal

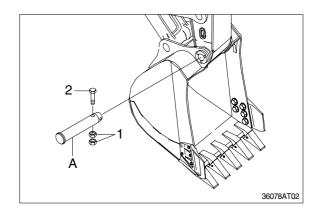
① Lower the work equipment completely to ground with back of bucket facing down.



② Remove nuts(1), bolt(2) and draw out the pin(A).

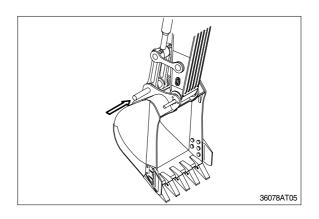


③ Remove nuts(3), bolt(4) and draw out the pin(B).



(2) Install

- ① Carry out installation in the reverse order to removal.
- ♠ When aligning the mounting position of the pin, do not insert your fingers in the pin hole.
- Adjust the bucket clearance.For detail, see operator's manual.

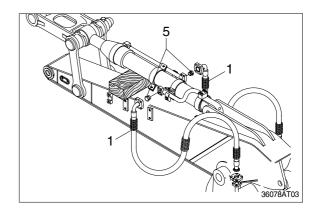


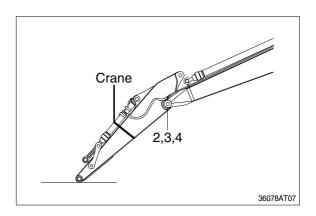
2) ARM ASSEMBLY

(1) Removal

- * Loosen the breather slowly to release the pressure inside the hydraulic tank.
- ♠ Escaping fluid under pressure can penetrated the skin causing serious injury.
- Remove bucket assembly.
 For details, see removal of bucket assembly.
- ② Disconnect bucket cylinder hose(1).
- ♠ Fit blind plugs(5) in the piping at the chassis end securely to prevent oil from spurting out when the engine is started.
- ③ Sling arm cylinder assembly, remove spring, pin stopper and pull out pin.
- * Tie the rod with wire to prevent it from coming out.
 - For details, see **removal of arm cylinder assembly**.
- ④ Place a wooden block under the cylinder and bring the cylinder down to it.
- ⑤ Remove bolt(2), plate(3) and pull out the pin(4) then remove the arm assembly.
 - Weight: 1243kg(2740lb)
- When lifting the arm assembly, always lift the center of gravity.

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(2) Install

- Carry out installation in the reverse order to removal.
- ♠ When lifting the arm assembly, always lift the center of gravity.
- * Bleed the air from the cylinder.

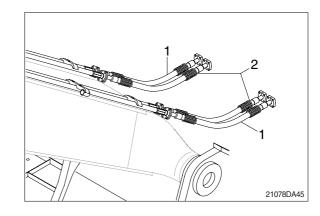
3) BOOM ASSEMBLY

(1) Removal

- Remove arm and bucket assembly.
 For details, see removal of arm and bucket assembly.
- ② Remove boom cylinder assembly from boom.
 - For details, see **removal of arm cylinder assembly.**

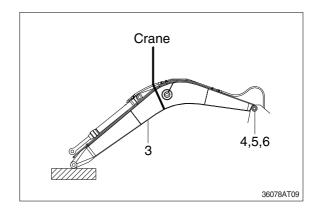


- ④ Disconnect bucket cylinder hoses(2) and arm cylinder hoses(1).
- When the hoses are disconnected, oil may spurt out.
- ⑤ Sling boom assembly(3).



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- ⑥ Remove bolt(4), plate(5) and pull out the pin(6) then remove boom assembly.
 - · Weight : 2600kg(5730lb)
- When lifting the boom assembly always lift the center of gravity.



(2) Install

- ① Carry out installation in the reverse order to removal.
- ♠ When lifting the arm assembly, always lift the center of gravity.
- * Bleed the air from the cylinder.

