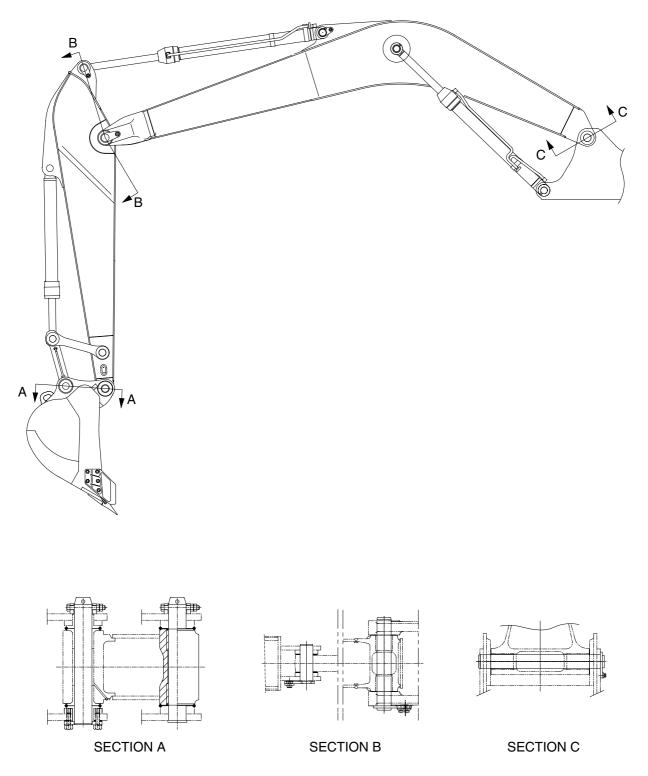
GROUP 11 WORK EQUIPMENT

1. STRUCTURE



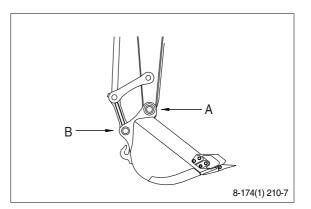
29078WE01

2. REMOVAL AND INSTALL

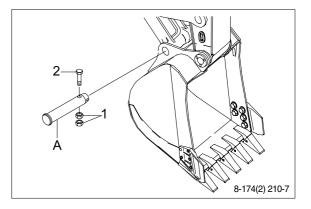
1) BUCKET ASSEMBLY

(1) Removal

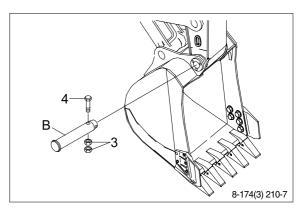
① Lower the work equipment completely to ground with back of bucket facing down.



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

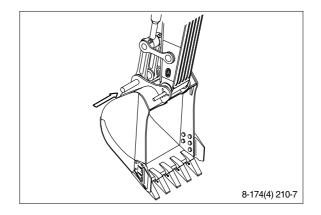


③ Remove nut(3), bolt(4) and draw out the pin(B).



(2) Install

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



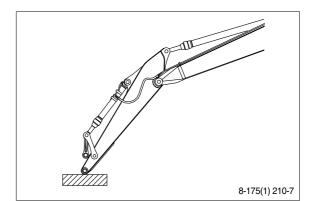
2) ARM ASSEMBLY

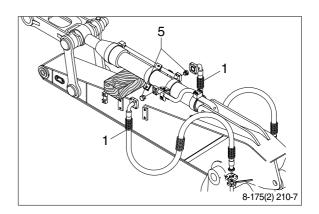
(1) Removal

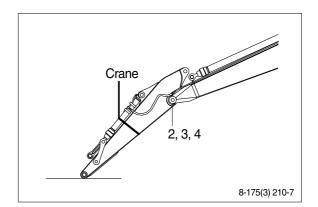
- * Loosen the breather slowly to release the pressure inside the hydraulic tank.
- A Escaping fluid under pressure can penetrated the skin causing serious injury.
- Remove bucket assembly.
 For details, see removal of bucket assembly.
- ② Disconnect bucket cylinder hose(1).
- ▲ Fit blind plugs in the 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.
- ④ For details, see **removal of arm cylinder assembly.**

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 : 1450kg(3200lb)
- When lifting the arm assembly, always lift the center of gravity.







(2) Install

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

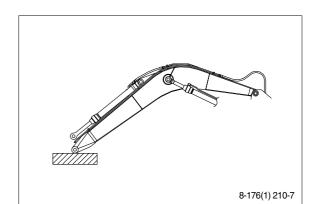
3) BOOM ASSEMBLY

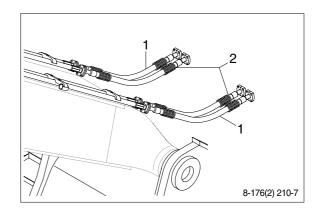
(1) Removal

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

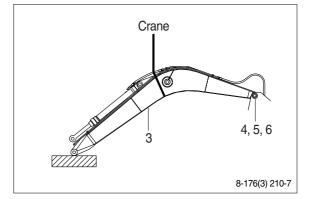
For details, see **removal of boom** cylinder assembly.

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





- 6 Remove bolt(4), plate(5) and pull out the pin(6) then remove boom assembly.
 - · Weight : 3300kg(7360lb)
- When lifting the boom assembly always lift the center of gravity.



(2) Install

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

