



SECTION 5 FRONT ATTACHMENT

Group 1 Front Attachment


CAUTION: Metal fragments may fly off when a hammer is used. Wear necessary protection, such as goggles, helmets, etc in order to prevent personal injury.


6. Hoist and hold boom cylinder (a). Insert thrust plates (2, 9). Install pin (3) by using a bar and a hammer. Install boom cylinders (a) on both sides.
7. Install stopper (5). Tighten bolt (6) and nuts (4) (2 used). (2 places on both left and right)

 : 30 mm

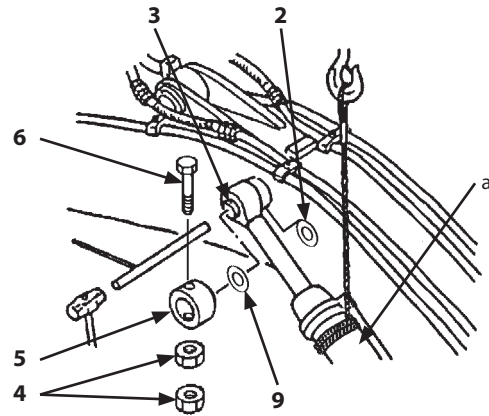
 : 170 N·m (17 kgf·m, 130 lbf·ft)

8. Connect hose (1) to boom cylinder rod side (b). (2 places on both left and right)

 : 17 mm

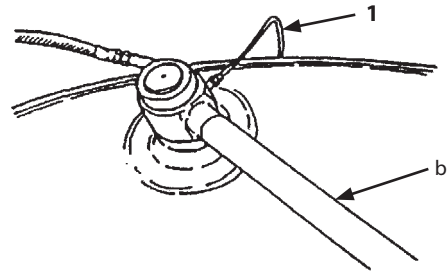
 : 30 N·m (3 kgf·m, 22 lbf·ft)

9. Apply grease onto the rod side, bottom side, and boom foot side (c) of boom cylinder.



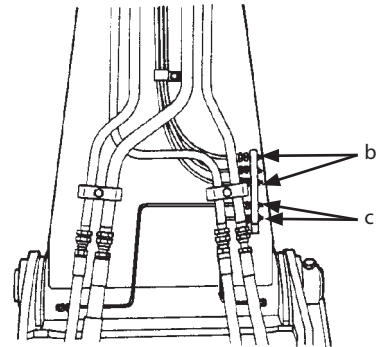
a- Boom Cylinder

W178-04-01-004



b- Boom Cylinder Rod Side

W105-04-01-002



b- Boom Cylinder Rod Side
c- Boom Foot Side

W1V1-04-01-001

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IMPORTANT: When removing the arm from the boom, perform the following steps when installing the arm.

10. Install thrust plates (14) into left and right sides of the arm. Adjust total clearance of left and right within 1.5 mm (0.059 in).
11. Install the arm cylinder rod side to the arm. Apply grease onto grease fittings (15, 16) on the boom connecting boss of arm and the arm cylinder rod side.

IMPORTANT: For handling of HN bushing for the front attachment, check the followings.

Precautions when installing the bushing

If a hammer is used, the bushing may be damaged. Use a special too and a press.

Special tool when installing bushing (bushing inner diameter):

(ST 2880): 80 mm

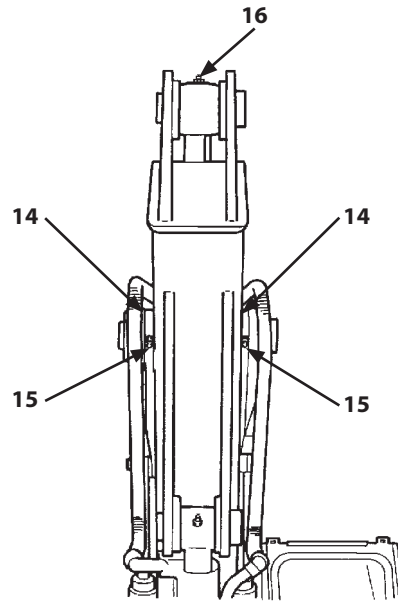
(ST 2883): 90 mm

(ST 2882): 100 mm

Precautions when reinforcing arm

The heat when welding in order to reinforce the arm may cause oil leakage and decrease lubrication performance.

When lubrication oil leaks, replace the bushing.



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