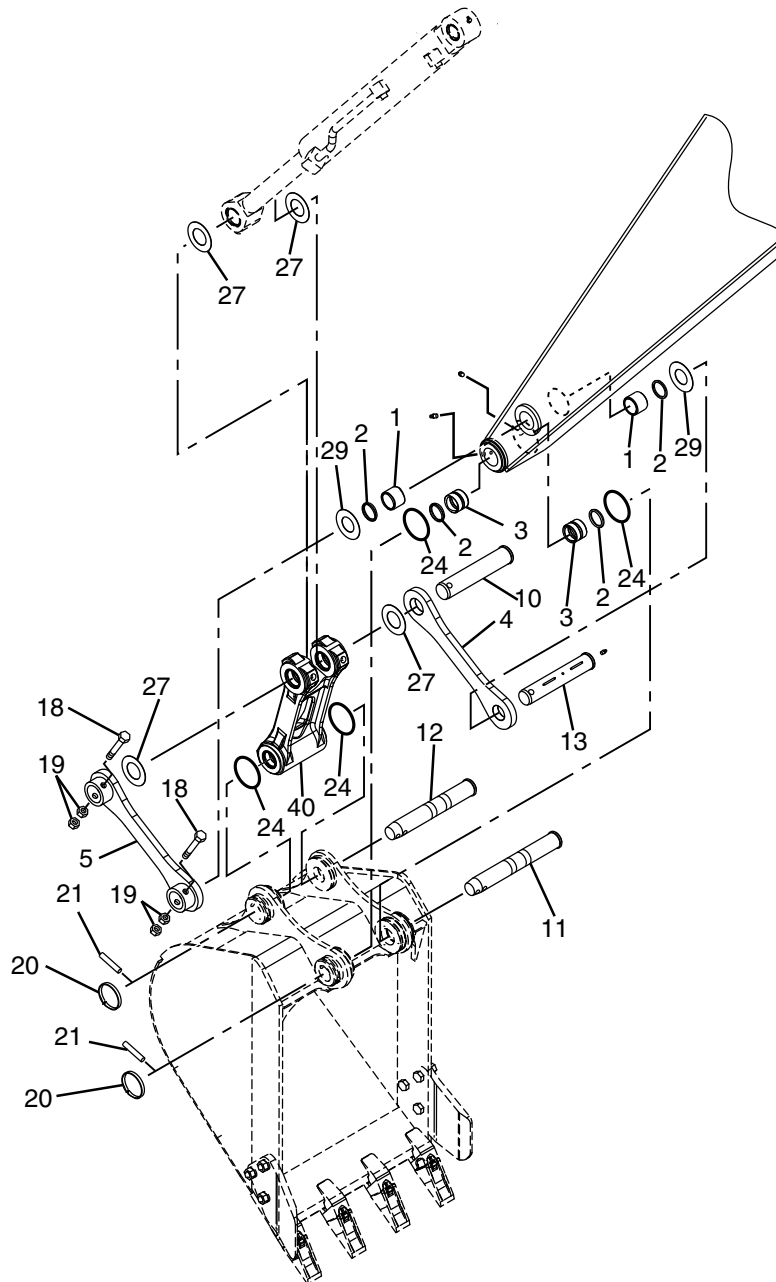


Bucket Links Remove and Install



T166094

Bucket Links

- | | | | |
|---------------------|------------------------|------------------------|------------------------|
| 1—Bushing (2 used) | 10— Pin | 20— Retainer (2 used) | 29— Shim (as required) |
| 2— Seal (4 used) | 11— Pin | 21— Pin (2 used) | 40— Center Link |
| 3— Bushing (2 used) | 12— Pin | 24— O-Ring (4 used) | |
| 4— Link | 13— Pin | 27— Shim (as required) | |
| 5— Link | 18— Cap Screw (2 used) | | |
| | 19— Nut (4 used) | | |

NOTE: It is not necessary to remove bucket to remove bucket links.

1. Connect center link (40) to a hoist using a lifting strap. Put a wood block between bucket cylinder and arm to hold cylinder up when cylinder pin (10) is removed.

2. Remove cap screws (18) and nuts (19).

NOTE: Mark location of shims (27 and 29) to aid in assembly.

3. Remove pins (10 and 13) and shims (27 and 29).

Continued on next page

TJ15698,0000157 -19-11APR07-1/2

T166094—UN—13MAR03

4. Remove retainer (20) and pin (21).
5. Remove pin (12) and center link (40).
6. Inspect bushings and seals. See Inspect Pins, Bushings, and Bosses—Front Attachment. (Group 3340.) See Bushings and Seal Remove and Install. (Group 3340.)
7. Repair or replace parts as necessary.
8. Install center link (40) and pin (12).
9. Install pin (21) and retainer (20).
10. Install shims (27 and 29) equally on each side of joint to get a minimal amount of clearance in the joint. There must be some clearance in the joint.
11. Align pin bores and install pins (10 and 13).
12. Install cap screws (18) and nuts (19).
Tighten nuts (19) against each other. Cap screws (18) need to be free to turn.
13. Apply multi-purpose grease to pivot joints. See Track Adjuster, Working Tool Pivot, Swing Bearing, and Swing Bearing Gear Grease. (Operator's Manual.)

TJ15698,0000157 -19-11APR07-2/2

Arm Remove and Install

1. Remove bucket. See Bucket Remove and Install. (Group 3302.)
2. Retract arm cylinder.
3. Put floor stand under end of boom, so load is on boom, not on arm cylinder. Extend arm cylinder just enough to put end of arm on ground.

CAUTION: High pressure release of oil from pressurized system can cause serious burns or penetrating injury. The hydraulic tank is pressurized. Relieve pressure by pushing pressure release button (1).

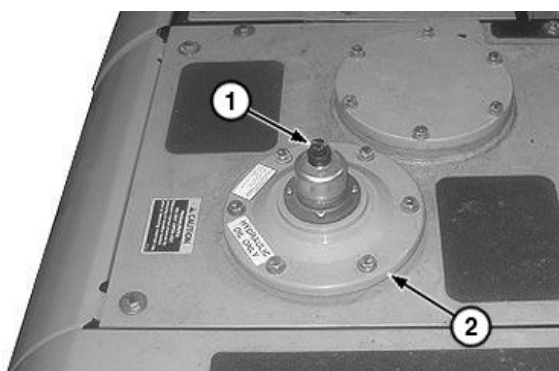
4. Push pressure release button (1).

CAUTION: To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.

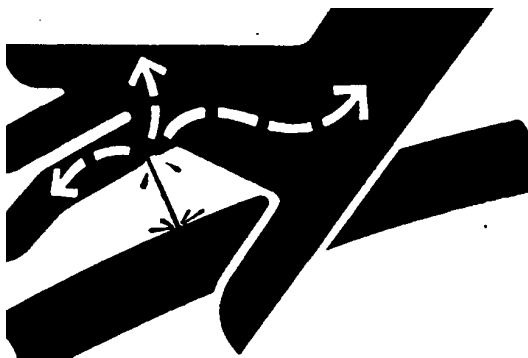
5. Loosen bucket cylinder hydraulic hoses to release any residual pressure.

NOTE: Remove bucket cylinder and linkage only if necessary to repair arm.

6. Remove bucket links and bucket cylinder. See Bucket Links Remove and Install (Group 3340.) See Bucket Cylinder Remove and Install. (Group 3360.)



1— Pressure Release Button 2— Hydraulic Oil Tank Cover



TX1020485A—UN—21MAR07

X9811—UN—23AUG88

Continued on next page

TJ15698,0000158 -19-11APR07-1/5