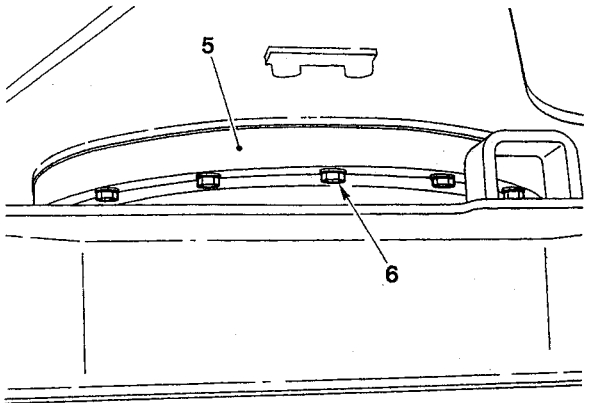
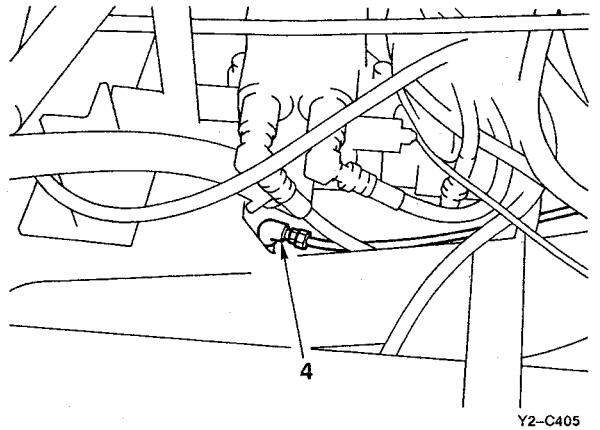
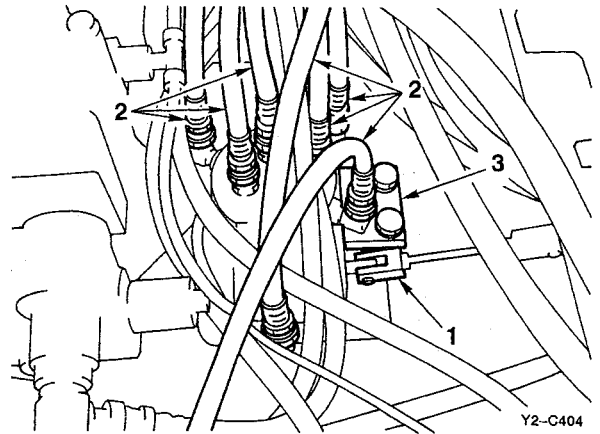


DISASSEMBLY AND ASSEMBLY

Removing the Upper Frame

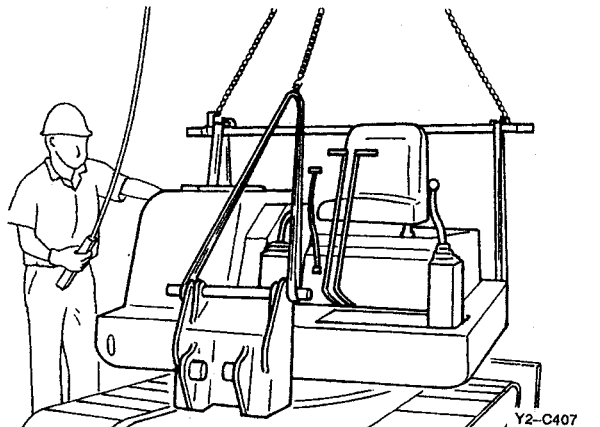
1. Remove the hoe attachment.
 - Refer to the item “Attachments, Disassembly and Assembly”.
2. Take off the hood and center cover and remove the floor plate and center cover.
 - Refer to the item “Removing the Cover”.
3. Remove engine cover [F] and the cab bracket.
 - Refer to the item “Removing the Cab”.
4. Remove the lever joint (1) on the swivel joint.
5. Disconnect the swivel joint shaft side piping (2).
 - Make match marks on the installation position of the hoses before disconnecting them.
6. Remove the swivel joint stopper (3).
7. Disconnect the grease pipe (4) from the slew bearing.
8. Leaving 2 bolts each on the front and rear, take out the installation bolts (6) from the outer race of the slew bearing (5).
 - Operate the slew lever and remove the installation bolts as the upper frame is being turned.
9. Suspend the upper frame and remove it.
 - After suspending the upper frame temporarily, take out the remaining bolts, making sure that it is well balanced.



Installing the Upper Frame

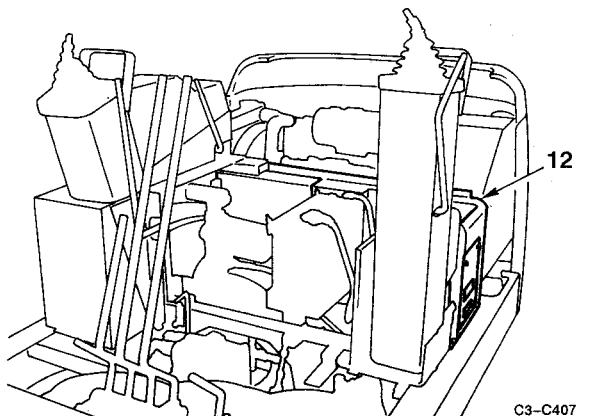
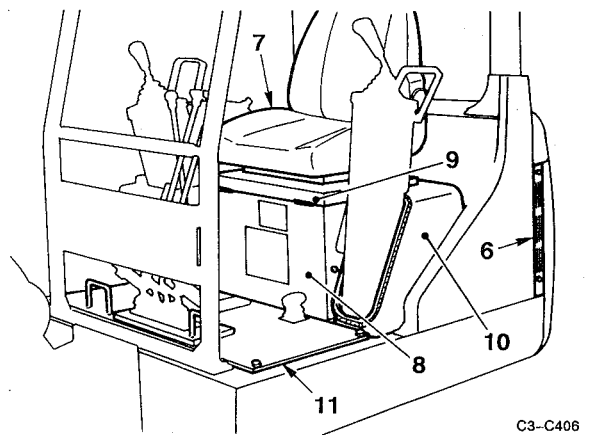
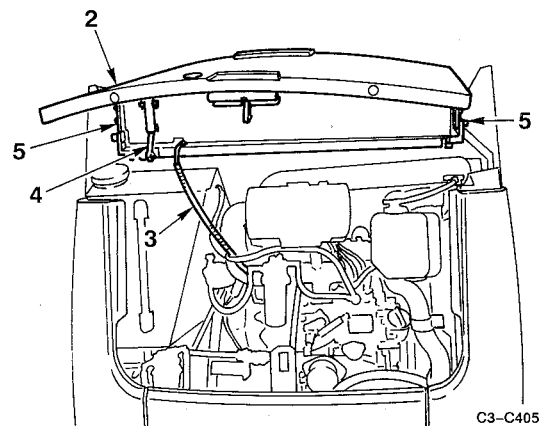
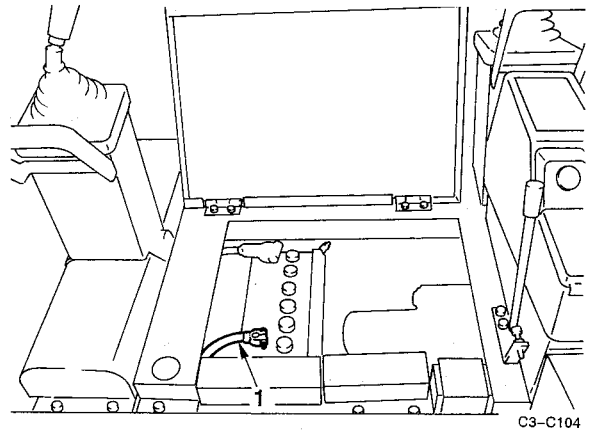
Follow the procedure used for removal in reverse order.

- Apply molybdenum disulfide grease to the threads and bearing surface of the slew bearing outer race installation bolts.
- Slew Bearing Installation Bolt Tightening Torque:
Outer Race; 10.4kgf-m



Removing the Covers

1. Remove the battery ground cable (1) from the (-) terminal of the battery.
2. Remove the hood (2).
 - a. Open the hood (2) and suspend it.
 - b. Disconnect the electrical wiring (3) of the flasher lamp.
 - c. Remove the stay (4).
 - d. Remove the hinge section (5).
3. Remove the center cover (6).
4. Remove engine cover [F] and the cab bracket.
 - Refer to the item "Removing the Cab".
5. Remove the seat (7).
 - Open the lid (9) of the center cover (8), and remove the nut on the inside.
6. Remove the center cover (8) and the lid (9).
7. Remove the cover (10).
8. Remove the floor center cover (11).
 - Be sure and remove the grip and pedal before removing the cover.
9. Remove the partition cover (12).

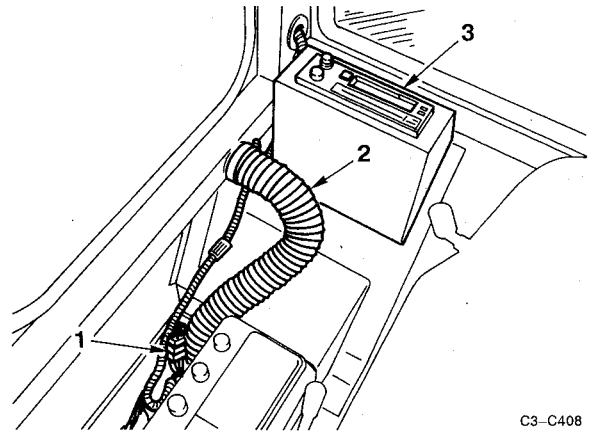


Installing the Covers

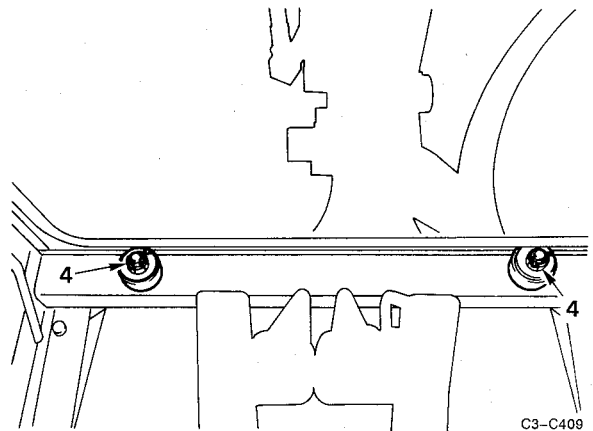
To install the covers, follow the procedures used for removal in reverse order.

Removing the Cab

1. Remove the battery ground cable from the (-) terminal of the battery.
2. Disconnect the cab ground wire and the cab electrical wiring (1).
3. Disconnect the defroster hose (2).
4. Remove the radio (3) and speakers.
5. Remove the castle nuts (4), two each in the front and back, used for mounting the cab.
6. Suspend the cab (5) and remove it.
 - Cab Weight: Approx. 181kg
7. Remove the cab bracket (6).



C3-C408

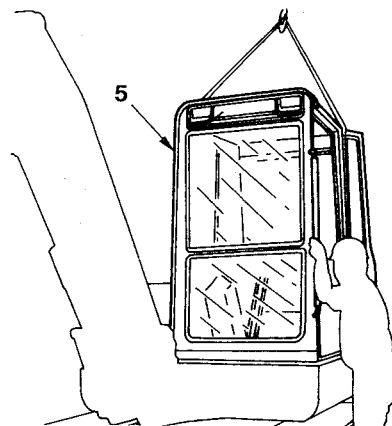


C3-C409

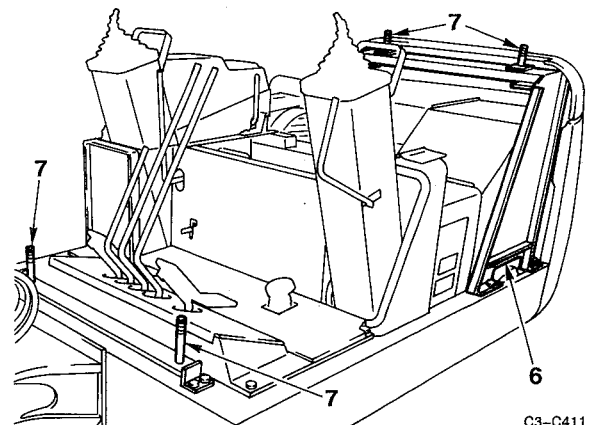
Installing the Cab

To install the cab, follow the procedure used for removal in reverse order.

- Be sure and set the cab mounting bolts (7) in the cab bracket upper frame in advance.
- Hanging the cab level, temporarily fix it in a suspended state.



C3-C410

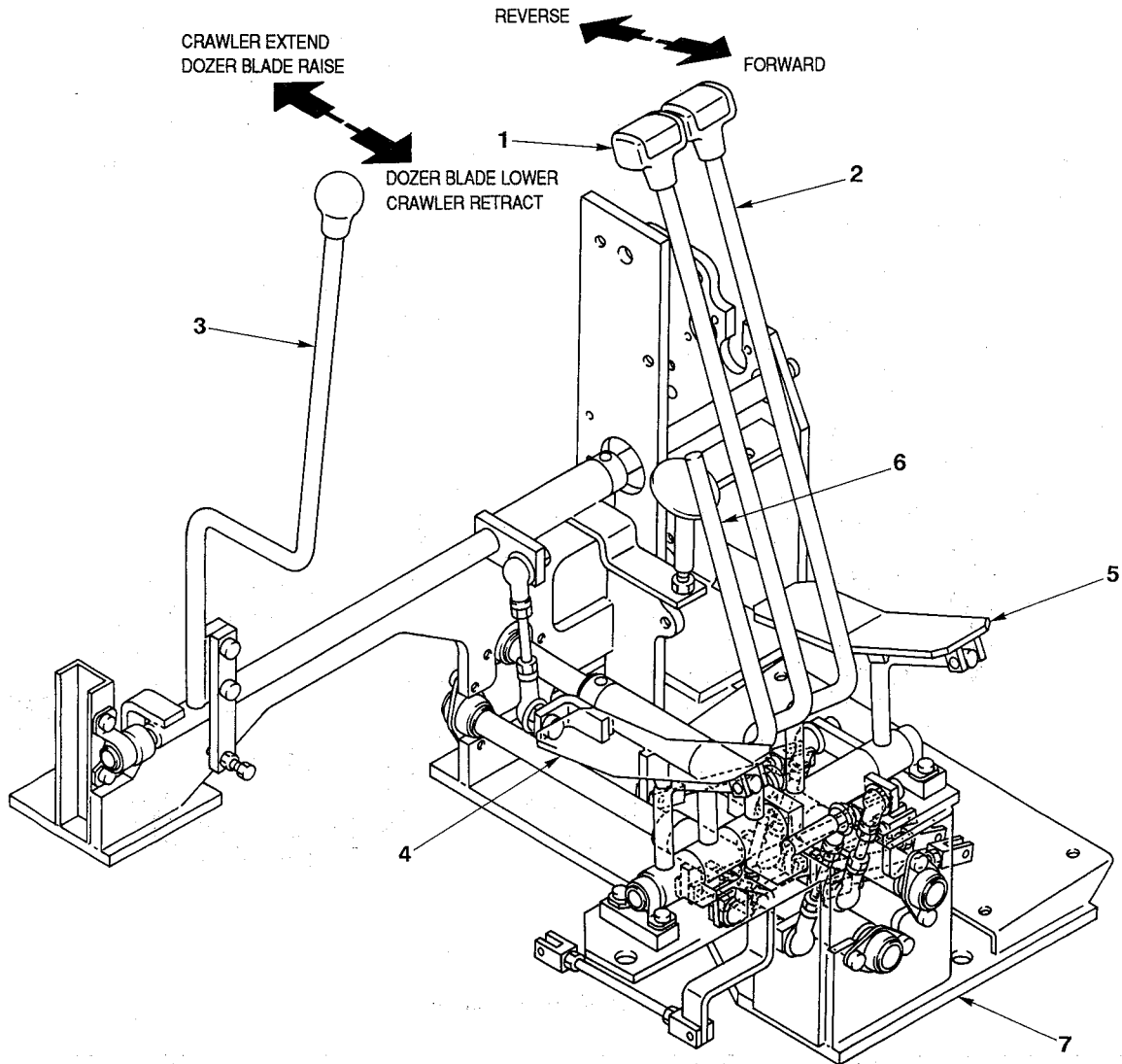


C3-C411

CONTROL SYSTEM

CONSTRUCTION

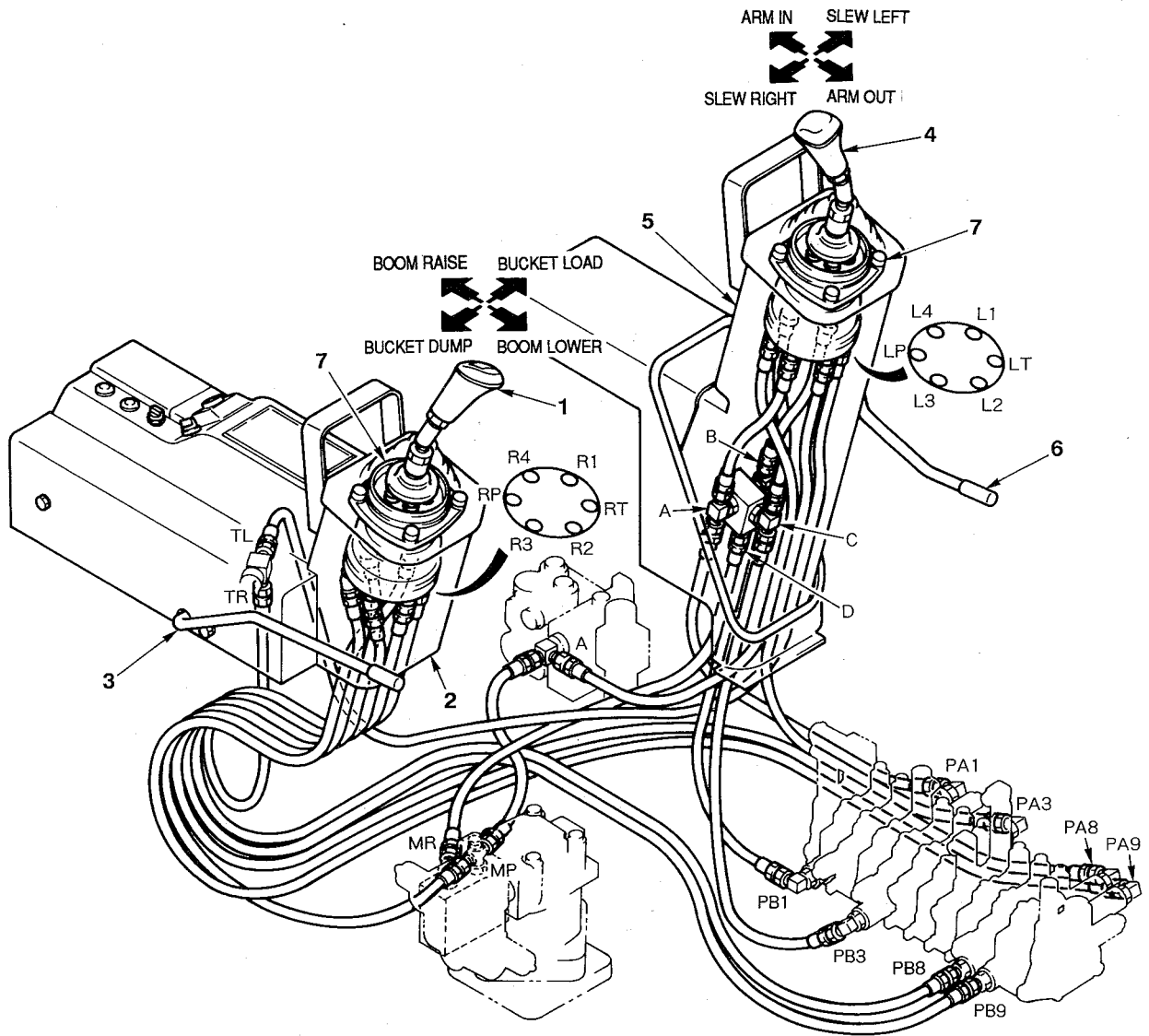
Likage Unit



C3-C500

- | | |
|-----------------------|--------------------|
| 1. Right Travel Lever | 5. Aux. Port Pedal |
| 2. Left Travel Lever | 6. Selector Lever |
| 3. Dozer Blade Lever | 7. Lever Bracket |
| 4. Swing Pedal | |

Hydraulic Pilot Unit
 ■ A Type (ISO); Canopy



C3-C501

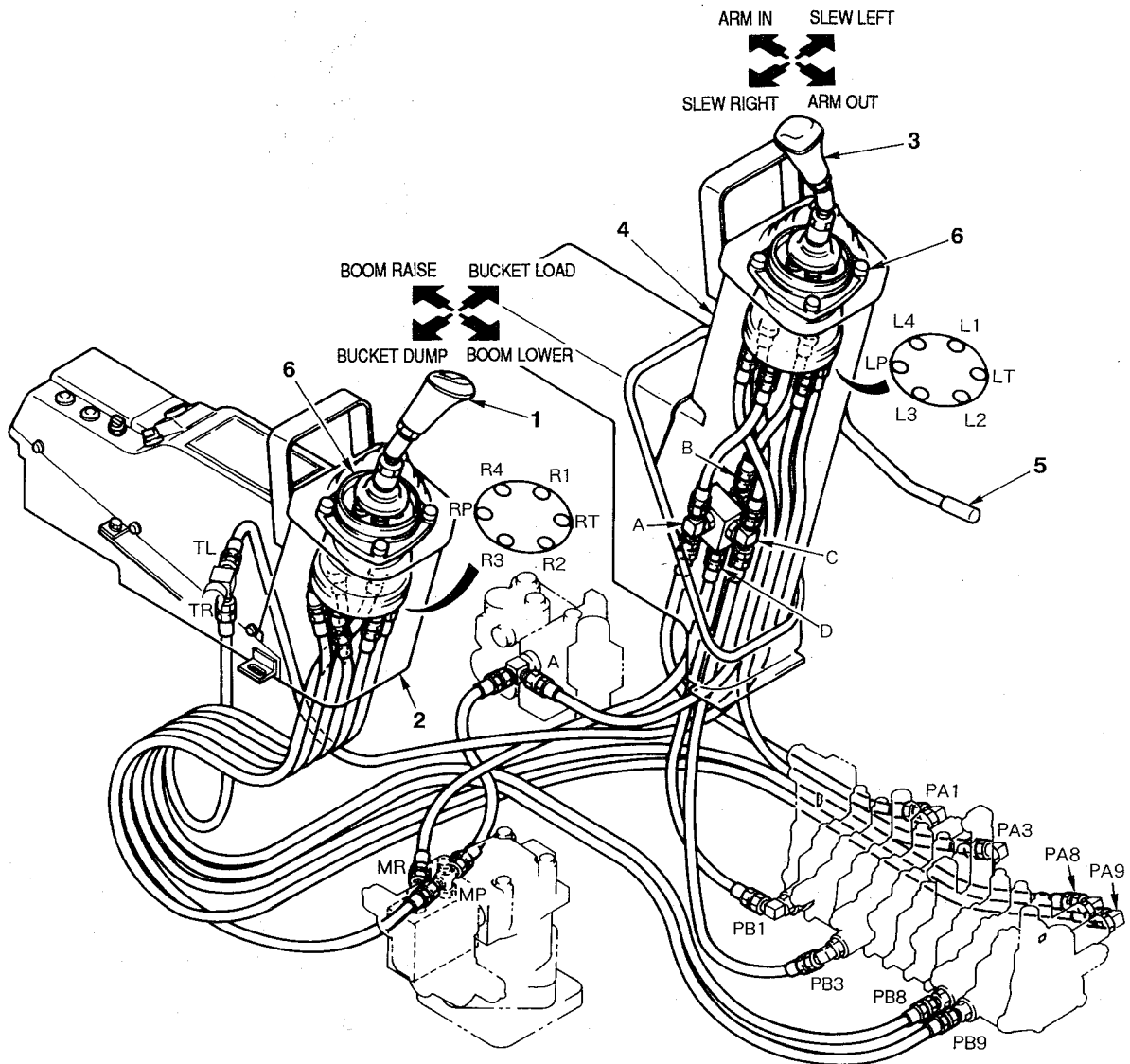
◆ Table of Connections ◆

Right Pilot Valve	R1 ↔ PA9	Control Valve
	R2 ↔ PB8	
	R3 ↔ PB9	
	R4 ↔ PB8	
	PP ↔ MP	Slew Motor
	RT ↔ TR	Tank
Left Pilot Valve	L2 ↔ PA3	Control Valve
	LP ↔ A	Control Valve (Sub)
	LT ↔ TL	Tank
	L3 ↔ A	Shuttle Valve
	L1 ↔ B	
	L4 ↔ C	

Shuttle Valve	A ↔ PA1	Control Valve
	B ↔ PB1	
	C ↔ PB3	
	D ↔ MR	Slew Motor

1. Right Operation Lever
2. Right Lever Stand
3. Right Lock Lever
4. Left Operation Lever
5. Left Lever Stand
6. Left Lock Lever
7. Pilot Valve

■ A Type (ISO); Cab



C3-C502

◆ Table of Connections ◆

Right Pilot Valve	R1 ↔ PA9	Control Valve
	R2 ↔ PB8	
	R3 ↔ PB9	
	R4 ↔ PB8	
	PP ↔ MP	Slew Motor
	RT ↔ TR	Tank
Left Pilot Valve	L2 ↔ PA3	Control Valve
	LP ↔ A	Control Valve(Sub)
	LT ↔ TL	Tank
	L3 ↔ A	Shuttle Valve
	L1 ↔ B	
	L4 ↔ C	

Shuttle Valve	A ↔ PA1	Control Valve
	B ↔ PB1	
	C ↔ PB3	
	D ↔ MR	Slew Motor

1. Right Operation Lever
2. Right Lever Stand
3. Left Operation Lever
4. Left Lever Stand
5. Left Lock Lever
6. Pilot Valve