

Keep with Operators Manual

SMC 2408
LOADER PLUMBING KIT INSTRUCTIONS
JOHN DEERE 4200,4210, 4300, 4310, 4400 & 4410 TRACTORS

Tractor must be equipped with optional John Deere Selective Control Valve (SCV) Kit.

Plumbing kit can be installed using tools ordinarily available.

Shut off engine and engage brakes during installation.

NOTE: Apply sealant only to all tapered threads unless coupled with swivel adapters. When using teflon tape, wrap tape clockwise (as viewed from end) and wrap only twice. Keep sealant away from first two threads of tapered end to prevent contamination of hydraulic fluid. Do not use sealant on o-ring or flare adapter threads.

PLUMBING LOADER TO MID MOUNT COUPLERS (Figure 1)

1. Install color coded spiral bands (5-8) to male end of 3/8 x 74" hoses (1).
2. Install hoses to steel oil lines on loader in sequence shown in Figure 1. Hoses with red coding attaches to bucket cylinder base. Hose with yellow coding attaches to bucket cylinder rod. Hose with black coding attaches to lift cylinder rod. Hose with green coding attaches to lift cylinder base.
3. Slide nylon sleeve (3) over 3/8 x 74" hoses (1).
4. Install 90° elbow fitting (2) onto each male end of 3/8 x 74" hoses (1). Install male couplers (9) onto male end of 90° elbow fittings (2).

5. Attach loader hoses with male couplers and color coded spiral bands to tractor couplers with corresponding color dust caps.

NOTE: Important to attach lift cylinder hoses (black and green coded) to outer two tractor mid mount couplers (black and green spiral band coded) for loader to function properly.

6. Using tarp strap (4), bundle hoses together and attach to front part of loader frame (as shown in figure 1) to avoid interference with moving parts.
7. After all plumbing has been completed slowly cycle lift and bucket cylinders several times to purge air from hydraulic system. Retract cylinders and shut off engine. Replenish tractor hydraulic system.



WARNING: Escaping hydraulic fluid under pressure can penetrate skin causing serious injury.

- DO NOT use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.
- Stop engine and relieve pressure before connecting or disconnecting lines.
- Tighten all connections before starting engine or pressurizing lines.

If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.

PARTS LIST - PLUMBING KIT (Figure 1)

| ITEM | SMC NO. | DESCRIPTION | QTY. |
|------|----------|---|------|
| 1 | 36844-13 | HOSE, 3/8 x 74 | 4 |
| 2 | 32845-2 | FITTING, Elbow, 90°, 3/4 O-ring to 3/4 JIC Swivel | 4 |
| 3 | 34853-3 | SLEEVE, Nylon, 1.75 x 60" | 1 |
| 4 | 7438-1 | TARP STRAP | 1 |
| 5 | 36240-2 | SPIRAL BAND, 3/4, (Red) | 1 |
| 6 | 36240-3 | SPIRAL BAND, 3/4, (Yellow) | 1 |
| 7 | 36240-4 | SPIRAL BAND, 3/4, (Green) | 1 |
| 8 | 36240-13 | SPIRAL BAND, 3/4, (Black) | 1 |
| 9 | 6137-12 | COUPLER, Male | 4 |

Figure 1
Plumbing Kit

