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| Keep With Loader Operator's Manual |
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## VALVE RELOCATION & HOSE KIT INSTRUCTIONS FOR KUBOTA L3430, L4330, L4630, OR L5050 TRACTORS WITH CAB 2491 OR 2409 LOADER

### GENERAL INFORMATION

This valve relocation and hose kit is compatible with loader mounting kit 2-7274 or 2-7277, which is required to complete installation. Refer to instructions provided with loader mounting kit to install loader mounting brackets and mount loader.

To use this kit, tractor must be equipped with optional Kubota cab valve kit L2223, which must be installed according to instructions provided in Kubota Installation Guide provided with cab valve kit.

This 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.*



**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.*

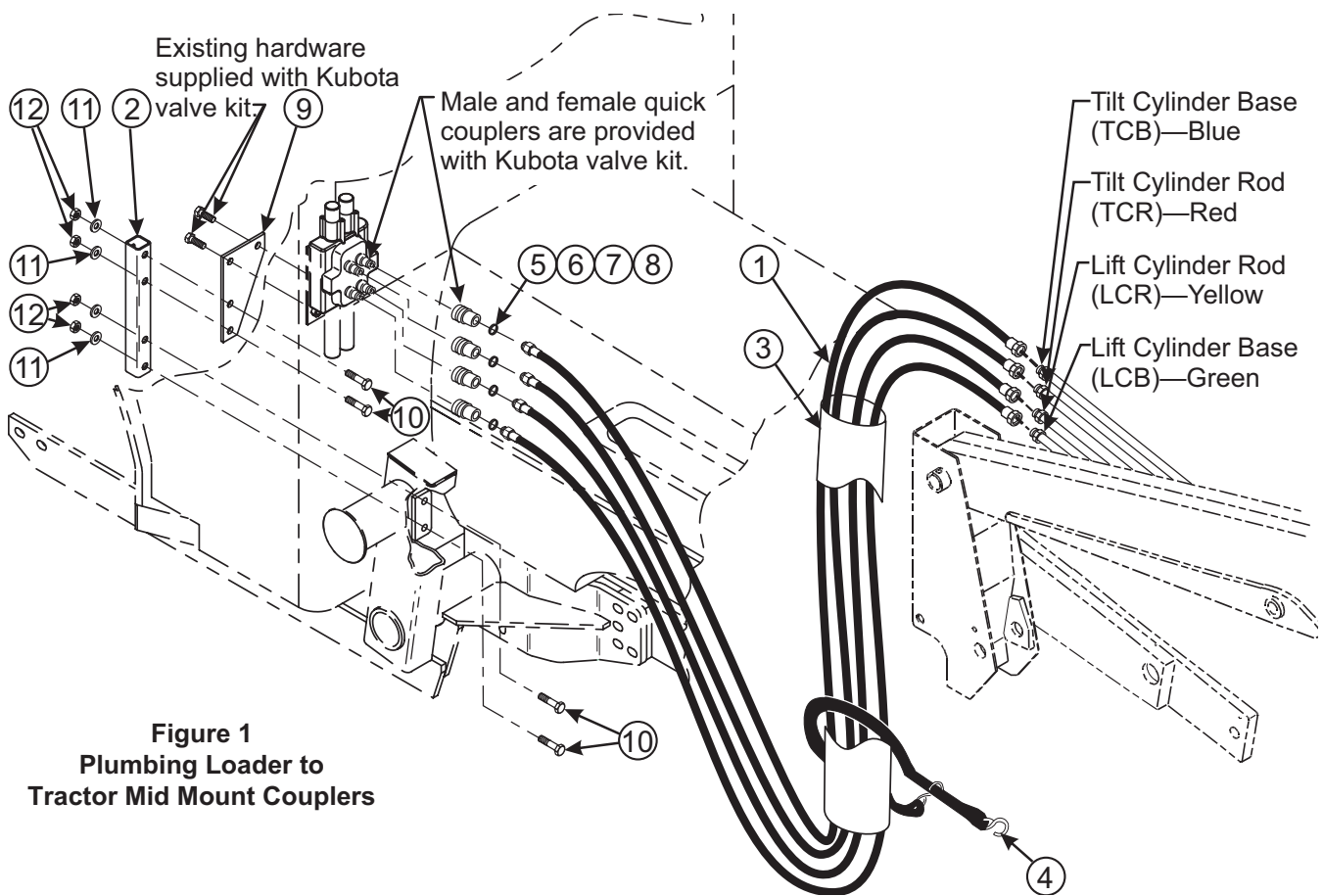
*If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.*

### INSTALLING VALVE (Figure 1)

1. Temporarily remove tractor hood side panels, keeping all hardware for later re-use.
2. Use hardware provided with Kubota valve kit (12mm cap screws and lock washers) to fasten valve and plate to adapter plate (9).
3. Attach tube (2) to adapter plate (9) using 1/2 x 2-1/2" cap screws (10), flat washers (11) and lock nuts (12).
4. Fasten tube (2), adapter plate (9) and valve to mount tab on right side of loader mid mounting bracket using 1/2 x 2-1/2" cap screws (10), flat washers (11), and lock nuts (12).
5. Reattach tractor hood side panels using original hardware remove earlier.

### PLUMBING LOADER TO VALVE(Figure 1)

1. Install color coded spiral bands (5, 6, 7, 8) to male end of 3/8 x 44" hoses (1).
2. Install hoses to loader boom oil lines in sequence from the bottom up. (Loosening oil line clamp nearest to ends of oil lines may help ease assembly.) Attach hose identified by green band to lift cylinder base (LCB) oil line. Attach hose identified by yellow band to lift cylinder rod (LCR) oil line. Attach hose identified by red band to tilt cylinder rod (TCR) oil line. Attach hose identified by blue band to tilt cylinder base (TCB) oil line.
3. Slide nylon sleeve (3) over 3/8 x 44" hoses (1).
4. Install female quick couplers, which are provided with Kubota valve kit, onto male ends of 3/8 x 44" hoses (1).
5. Attach hoses (1) with female couplers to corresponding male couplers on Kubota control valve (refer to Kubota Installation Guide for proper valve connections and operation).
6. Using tarp strap (4), bundle hoses together and attach to front part of loader frame 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.



**Figure 1**  
**Plumbing Loader to**  
**Tractor Mid Mount Couplers**

**PARTS LIST - VALVE RELOCATION & HOSE KIT**

| Item | Part No. | Description                 | Qty. |
|------|----------|-----------------------------|------|
| 1    | 36336-8  | HOSE, 3/8 x 44"             | 4    |
| 2    | 51296    | TUBE, Valve Relocation      | 1    |
| 3    | 34853-6  | SLEEVE, Nylon Hose, 40"     | 1    |
| 4    | 7438-1   | TARP STRAP                  | 1    |
| 5    | 36240-6  | BAND, Colored, Red          | 1    |
| 6    | 36240-7  | BAND, Colored, Yellow       | 1    |
| 7    | 36240-5  | BAND, Colored, Blue         | 1    |
| 8    | 36240-8  | BAND, Colored, Green        | 1    |
| 9    | 51297    | PLATE, Valve Adapter        | 1    |
| 10   | 41838-25 | SCREW, Cap, 1/2-13 x 2-1/2" | 4    |
| 11   | 42502-10 | WASHER, Flat, 1/2           | 4    |
| 12   | 41840-5  | NUT, Lock, 1/2-13           | 4    |

# INSTALLATION INSTRUCTIONS