

Keep with Operators Manual

TWO FUNCTION PLUMBING KIT QUICK DISCONNECT FOR MID MOUNT VALVE

NEW HOLLAND 72LA & 72LA MSL LOADERS
NEW HOLLAND TM SERIES TRACTORS

MODEL	FWD	FWD with <i>Terra-Glide</i>	Super Steer	2 WD
TM115	X	X	X	X
TM125	X	X	X	X
TM135	X	X	X	X
TM150	X	X	X	X
TM165	X	X	X	X

Plumbing kit can be installed using tools ordinarily available.

Shut off engine and engage brakes during installation.

PLUMBING TWO FUNCTION KIT TO MID MOUNT VALVE (Figure 1, 2 & 3)

1. Install bracket assemblies (8) onto right mid mount with four 5/16 x 3/4 cap screws (2) and lock nuts (3). Attach 6-port quick coupler fixed half (7) to bracket assemblies (8) with four 5/16 socket head cap screws (9) and 5/16 lock nuts (3).
2. Attach 1/2 x 31 hoses (12) to bottom side of 6-port quick coupler fixed half (7) into ports 2 & 6 and tighten (see figure 1). Attach 1/2 x 35 hose (13) to coupler port 1 and tighten (see figure 1). Attach 1/2 x 35 hose (15) to coupler port 5 and tighten.
3. Remove protective cap from front fittings on mid mounted valve sections 1 & 2. Attach 1/2 x 31 hose (12) from port 2 of 6-port quick coupler fixed half (7) to fitting at the front of valve section one as illustrated in figure 2 and tighten. Attach 1/2 x 31 hose (12) from port 6 of 6-port quick coupler fixed half (7) to fitting at the front of valve section two and tighten.
4. Remove rearmost plug on bottom side of first valve section nearest tractor (see figure 2) and install 90° elbow (1). **NOTE:** *Copper washer furnished with 90° fitting (1), must be installed over o-ring to seal properly.* Attach 1/2 x 35 hose (13) from port 1 of 6-port quick coupler fixed half (7) to 90° elbow (1) and tighten. Remove rearmost plug on bottom side of second valve section (see figure 2) and install banjo end of 1/2 x 35 hose (15) using flow bolt (16) spacer washer (17) and dowty washers (18).
IMPORTANT: *Banjo fitting must be installed as illustrated in figure 2.*
5. Connect 6-port quick coupler mobile half (6) to fixed half (7)
6. Attach hoses (11) to oil lines beginning with bottom oil line and tighten. Mark opposite end of each hose (11) to identify position. Slide hoses through nylon sleeve (5).

7. Attach 45° fittings (4) to 6-port quick coupler mobile half (6) in positions as illustrated in figure 2 and tighten. Attach hoses (11) to 45° fittings (4) as shown in figure 2.

NOTE: *It is important to make sure hoses are connected in the positions as illustrated in figure 2 to insure proper operation.*

8. Punch holes through nylon sleeve near each end of sleeve (5), using adjustable plastic straps (10), secure nylon sleeve (5) to hoses (11) by running adjustable straps (10) through holes and around sleeve to avoid slippage and interference with moving parts.
9. Attach hoses (11) and nylon sleeve (5) to tractor hand rail with tie strap (14) as illustrated in figure 3.
10. After all plumbing has been completed slowly cycle loader several times to purge air from hydraulic system. Retract cylinders and shut off engine. Replenish tractor hydraulic system.

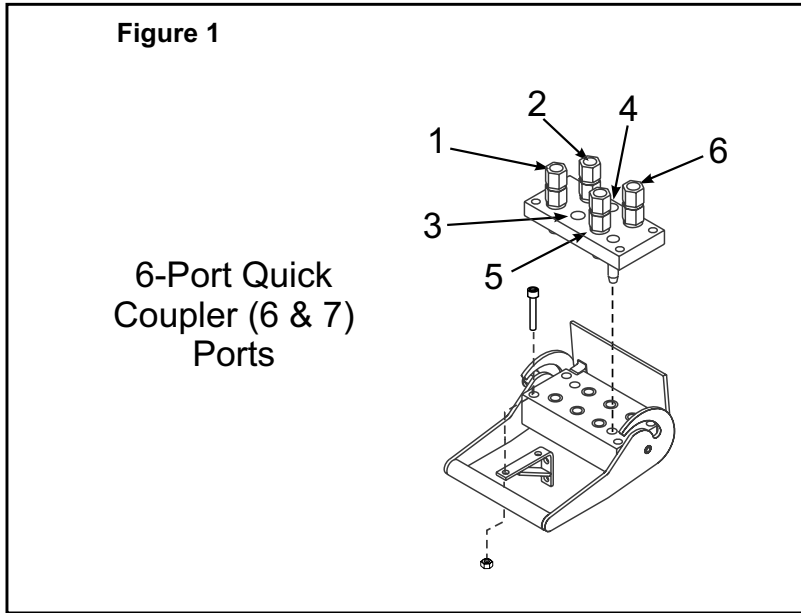
NOTE: *When cycling loader, operate loader according to operation decal for valve. If direction of control lever is wrong, reverse hose connections and recheck operation.*



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

- *Do not use your hands to check for leaks. Use a piece of cardboard or paper. Always wear eye protection when searching for leaks.*
- *Stop engine and relieve pressure before connecting and disconnecting lines.*
- *Tighten all connections before starting engine or pressurizing lines.*

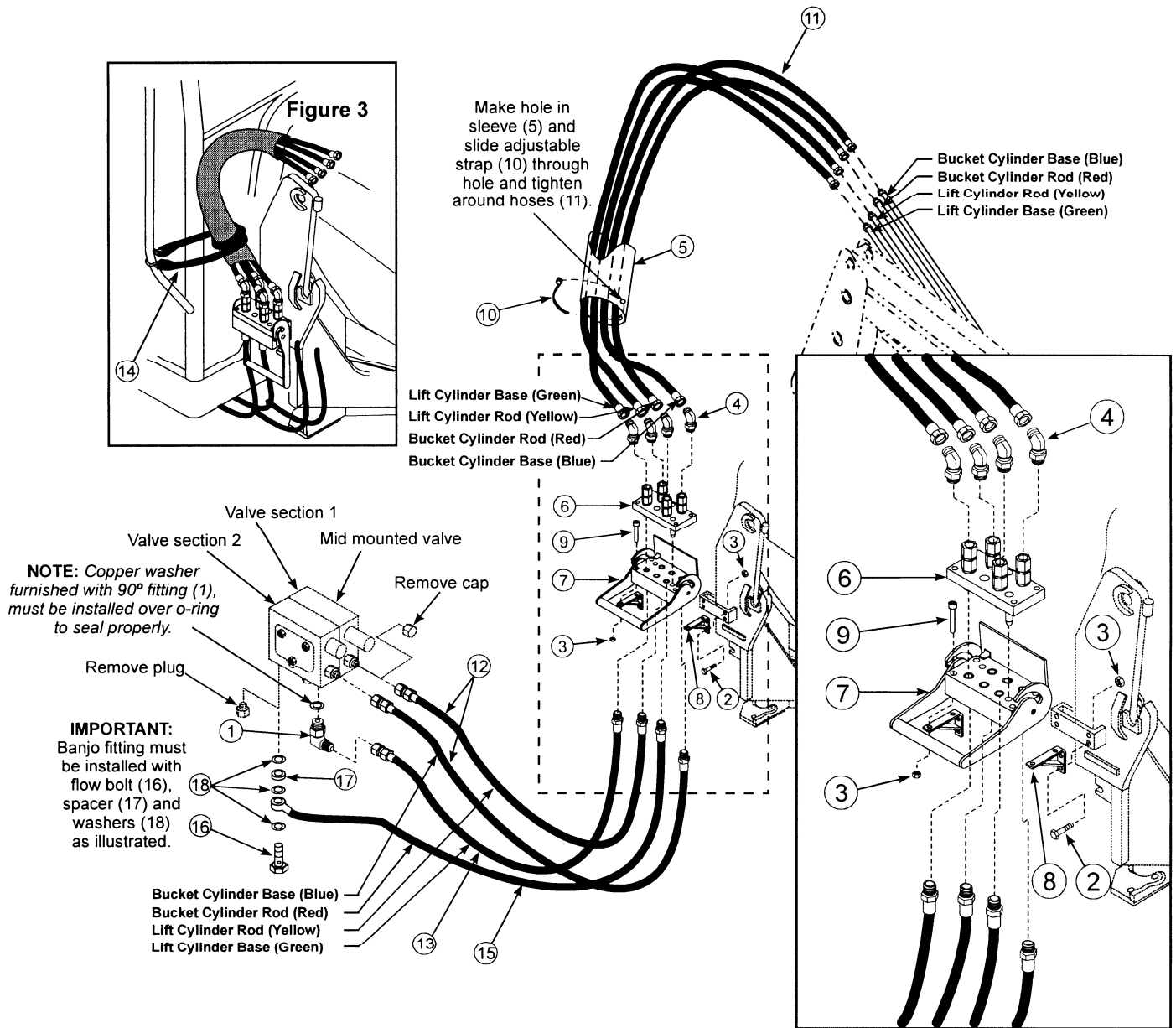
If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.



PARTS LIST - TWO FUNCTION PLUMBING KIT (QUICK DISCONNECT) FOR MID MOUNT VALVE (Figure 2)

ITEM	SMC NO.	NH NO.	DESCRIPTION	QTY.
1	48324	86511408	FITTING, Elbow, 90°	1
2	41838-26	87872	SCREW, Cap, 5/16-18 x 3/4	4
3	41840-2	87382	NUT, Lock, 5/16-18	8
4	31213-7	216797	FITTING, Elbow, 45°, 3/4-16 x 3/4-16	4
5	34853-31	86583547	SLEEVE, Nylon, 2.38 x 46	1
6	48261	86583603	6-PORT QUICK COUPLER, Mobile Half	1
7	48262	86583604	6-PORT QUICK COUPLER, Fixed Half	1
8	48326	86583605	BRACKET ASSEMBLY	2
9	48327	SML48327	SOCKET HEAD, Cap Screw	4
10	8137-1	86582400	STRAP, Adjustable, .19 x 11	2
11	48311-1	86583548	HOSE, 1/2 x 59	4
12	48323-1	86583550	HOSE, 1/2 x 31	2
13	48323-2	86583551	HOSE, 1/2 x 35	1
14	7438-1	86581718	TIE STRAP	1
15	48329-2	SML483292	HOSE, 1/2 x 35	1
16	48330	86583640	FLOW BOLT	1
17	48331-1	82020496	SPACER WASHER	1
18	48272-1	5167640	DOWTY WASHER	3

Figure 2
Two Function
Quick Disconnect
Plumbing Kit
To Mid Mount Valve



INSTALLATION INSTRUCTIONS