

Keep With Operator's Manual
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## 756C, 757C & 758C BACKHOE HYDRAULIC KIT NEW HOLLAND 1320, 1520, 1620, 1715, 1720 & TC30 TRACTORS

Hydraulic kit can be installed on tractor using tools ordinarily available. Tractor must be equipped with loader to operate backhoe.

### INSTALLING HYDRAULIC KIT (Figures 1 & 2)

1. Connect 1/2 x 102 hose (1) to inlet port on backhoe valve. Connect 1/2 x 72 hose (2) to tank port on backhoe valve.
2. Install female quick coupler (8) to end of 1/2 x 72 hose (2). Install male quick coupler (7) to end of 1/2 x 102 hose (1). Route hoses (1 & 2) inside subframe channel (Figure 1).
3. Remove steel oil line and adapter fittings from power beyond port on tractor remote valve and power beyond port "A" on hydraulic manifold.
4. Install 1/2 x 32 hose (3) to power beyond port (marked "N") on tractor remote valve. Install female quick coupler (8) to hose (3).
5. Install 3/8 x 3/4 adapter fitting (5), 3/4 x 1/2 elbow fitting (6), dustcap (9) and male quick coupler (7) to "A" port on tractor hydraulic manifold (Figure 2).
6. Couple power beyond hose (3) from remote valve to tractor hydraulic manifold.
7. Install 3/8 x 1/2 elbow fitting (10), dustcap (9) and male quick coupler (7) to tank port on tractor or, if equipped, to rear remote valve.
8. Secure pressure and tank hoses (1 & 2) to underside of backhoe foot rest using tie strap(4). Secure pressure hose (1) to middle of side frame using tie strap (4) (Figure 2).

### MOUNTING BACKHOE TO TRACTOR

1. Back tractor slowly toward backhoe, parallel to subframe assembly, until hoses can be connected to tractor.



**WARNING:** To prevent possible damage to hoses and backhoe valve, *always* shut off tractor engine when coupling or uncoupling hoses from backhoe. Make sure connections are complete at couplers.

2. Couple tank hose (2) to tractor tank port. Uncouple power beyond hose (3) from tractor hydraulic manifold, and couple it to pressure hose (1).

**NOTE:** *Tractor 3pt is now disenabled.*

3. Using backhoe controls, extend bucket and lower stabilizers to provide a base for raising subframe. Using backhoe controls, raise subframe to proper height to connect to tractor.
4. Slowly back tractor until subframe is engaged in mounting bracket and mounting ears.

**NOTE:** *Check to be sure hoses are not pinched between tractor and subframe.*

Connect subframe to mounting ears using pins provided in subframe kit.

5. After backhoe has been mounted to tractor, check all hydraulic connections. Slowly cycle backhoe 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.*

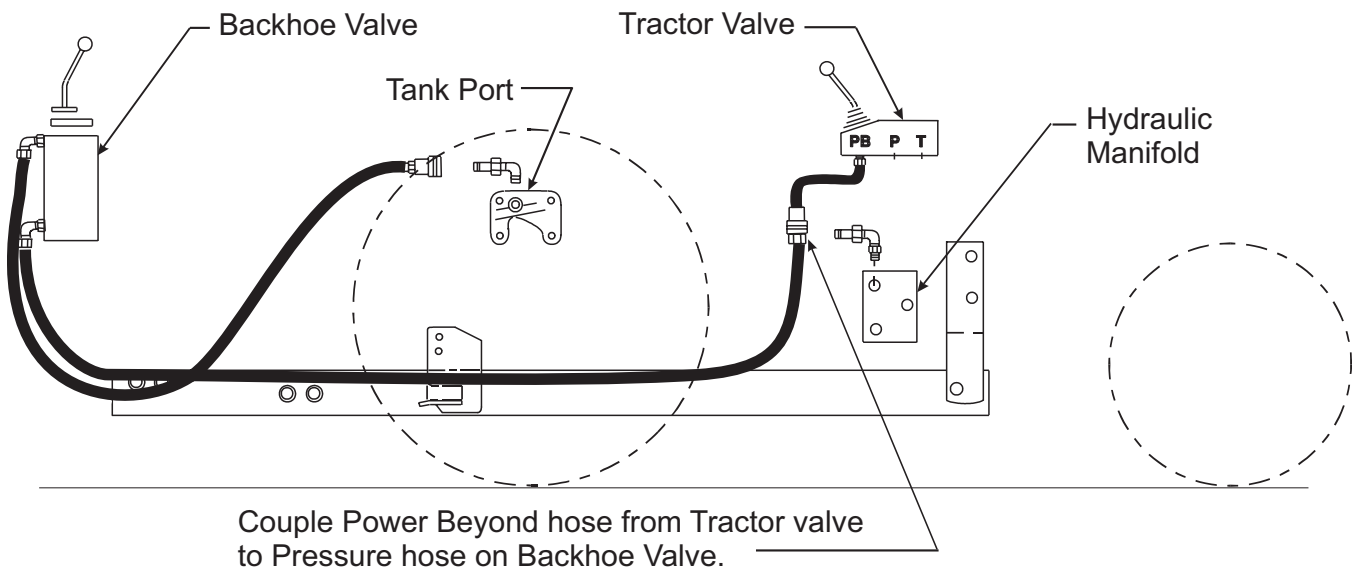
- *DO NOT use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.*
- *Stop engine and relieve pressure before connecting or disconnecting lines.*
- *Tighten all connections before starting engine or pressurizing lines.*
- *Make sure hoses are secure and will not rub on ground or tires.*

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

**PARTS LIST - REPAIR PARTS**

ITEM	PART NO.	NH NO.	DESCRIPTION	QTY.
1	41053-5	SML410535	HOSE, 1/2 x 102	1
2	41053-4	SML410534	HOSE, 1/2 x 72	1
3	44980-1	SML449801	HOSE, 1/2 x 32	1
4	8137-6	SML81376	TIE STRAP, 5/16 x 11	2
5	41397-1	SML413971	FITTING, Adapter, 3/8 NPT x 3/4-16 JIC	1
6	39609-4	00076352	FITTING, Elbow, 3/4-16 JIC x 1/2 NPT	1
7	6137-6	SML61376	QUICK COUPLER, Male, 1/2	3
8	6147-8	SML61478	QUICK COUPLER, Female, 1/2	2
9	4838-3	SML48383	DUSTCAP, 1/2	2
10	34644-2	SML346442	FITTING, Elbow, 3/8 NPT x 1/2 NPT, 90°	1

**Figure 1  
Hydraulic Kit Assembly**



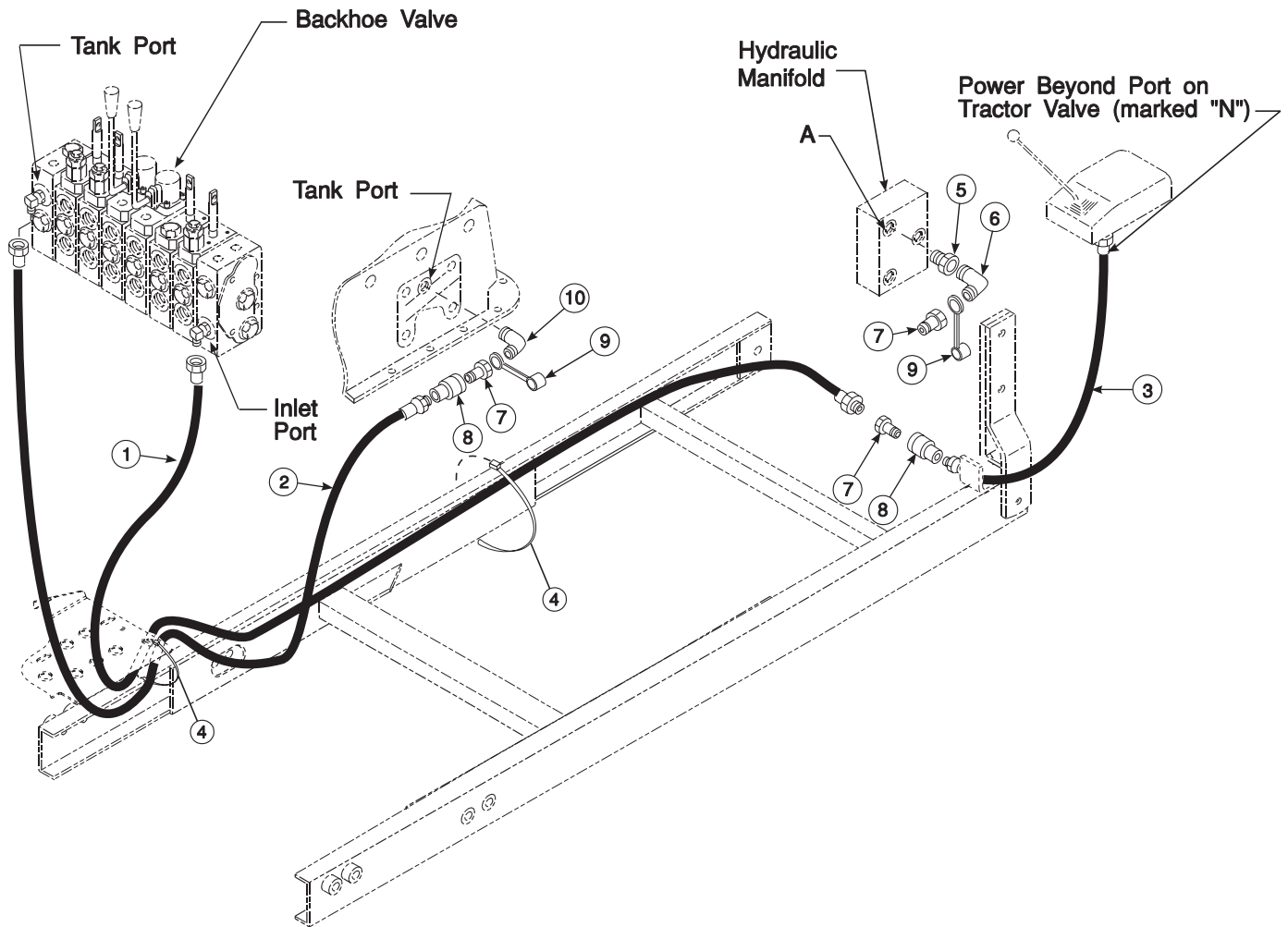


Figure 2  
Hydraulic Kit Assembly

# **INSTALLATION INSTRUCTIONS**