

Keep With Loader Operator's Manual

HOSE KIT - GRAPPLE FORK TO TRACTOR REAR REMOTES INCLUDING MIDMOUNT QUICK COUPLERS

MODEL	2WD	LESS CAB	WITH CAB	FWD	FWD Terra Glide™
8160	X	X	X	X	
8260	X	X	X	X	
8360	X	X	X	X	
8560	X		X	X	
TM 115, 125, 135, 150 & 165	X		X	X	X

PLUMBING FROM GRAPPLE FORK TO MIDMOUNTING COUPLERS

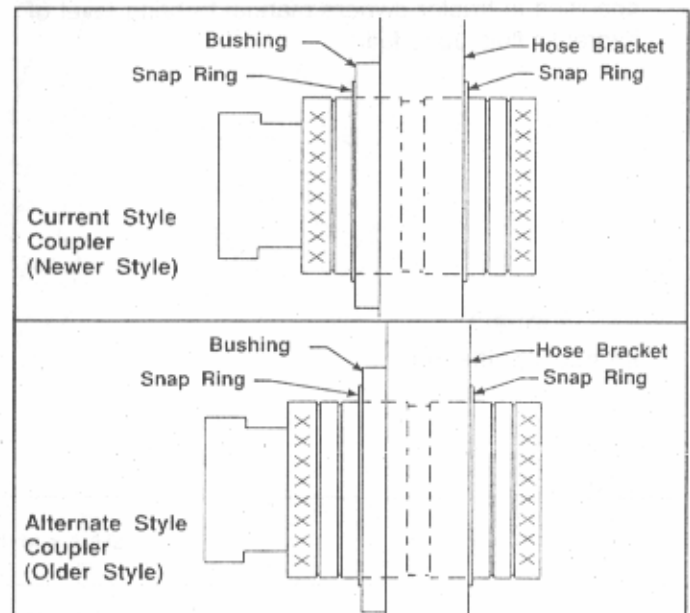
IMPORTANT: Check for proper tractor valve operation before plumbing grapple fork to tractor. If valve is equipped with a flow speed control, it should be adjusted to slowest speed setting.

1. Position quick coupler bracket (1) on top of loader boom arm cross tube 10" from right corner where cross tube meets loader boom arm. Using quick coupler bracket (1) as a template, drill two 7/32" holes into loader cross tube. Fasten quick coupler bracket (1) to loader cross tube using 1/4 x 1-1/2 self-tapping screws (2).
2. Place male ends of 3/8 x 150 hoses (8) through holes in coupler bracket (1) and install 3/4 bushings (5), spacers (6) and female quick couplers (3), securing hoses to coupler bracket. Secure 3/8 x 150 hoses (8) to boom oil lines using plastic tie straps (7). Place spiral identification bands (4) over spacers (6).

INSTALLING TWO-WAY COUPLERS

1. Install two-way couplers (13) to outside holes of hose bracket using retaining rings (11) and bushings (10).

NOTE: Rear retaining ring must be installed in second slot from back of coupler (third slot from rear for older style couplers). Be sure bushings (10) are behind hose mounting bracket.



2. Install male couplers (14) to 3/8 hoses (8) and connect to two way couplers (13).

PLUMBING FROM MIDMOUNT TO TRACTOR REAR REMOTES.

1. Connect 3/8 x 120 hoses (9) to two-way couplers (13). Route 3/8 x 120 hoses under cab to rear of tractor. Follow same route as loader hoses, using existing plastic tie straps to secure all hoses.

NOTE: If tractor is equipped with auxiliary fuel tank, route hoses between auxiliary fuel tank and cab.

2. Install male couplers (not supplied) to ends of 3/8 x 120 hoses (9) and connect to rear remote couplers.

NOTE: When plugging couplers into tractor remote hydraulic couplers, make sure both ports are controlled by same spool.

3. Install spiral bands (12) to 3/8 x 150 hoses (8) and 3/8 x 120 hoses (9) at two way coupler connection and to 3/8 x 120 hoses (9) at tractor rear remotes.

4. After all plumbing has been completed and all parts are secure, start engine and slowly cycle lift and bucket cylinders several times to purge air out of system, then retract cylinders and shut off tractor engine. Add additional tractor hydraulic fluid as specified in tractor owners manual to bring level of hydraulic fluid up to full.

NOTE: If operation of grapple fork is reversed from desired lever operation reverse connections at remote valve.



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.

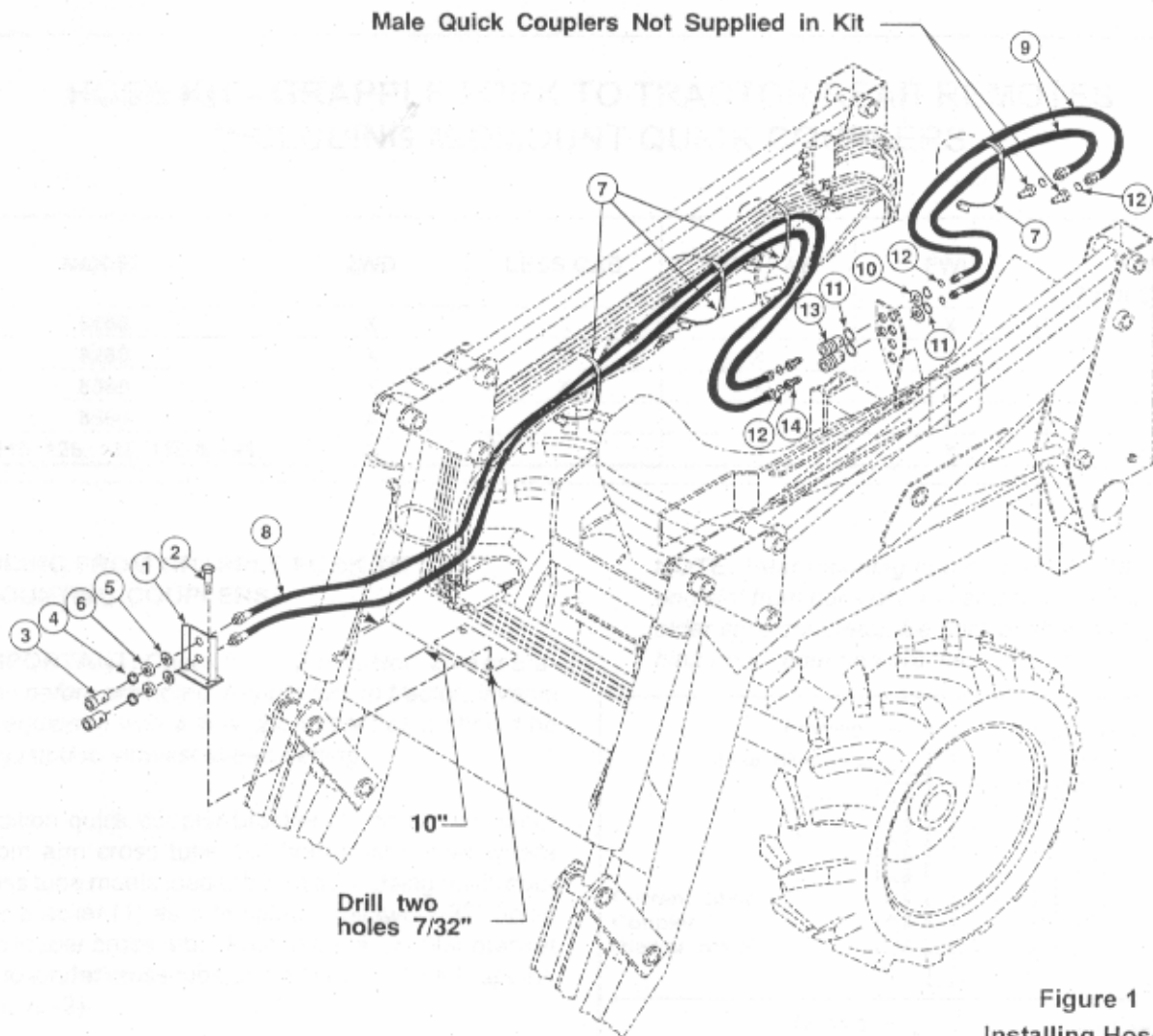


Figure 1
Installing Hose Kit

PARTS LIST - HOSE KIT

Item	Part No.	Description	Qty.
1	40569	BRACKET, Quick Coupler	1
2	36354-1	SCREW, Hex Head Self Tapping, 1/4-14 x 1-1/2	2
3	6147-4	COUPLER, Quick, Female	2
4	36240-5	BAND, Spiral, Blue, 5/8	1
	36240-6	BAND, Spiral, Red, 5/8	1
5	6120-2	BUSHING, 3/4 x 1-1/4	2
6	38912	SPACER, Plastic	2
7	8137-3	TIE STRAP, 1/2 x 20	5
8	40662-5	HOSE, 3/8 x 150	2
9	44297-1	HOSE, 3/8 x 120	2
10	6120-44	BUSHING, 1-1/2 x 2-1/4	2
11	6040-16	RING, Retaining	4
12	36240-1	BAND, Spiral, Blue, 3/4	3
	36240-2	BAND, Spiral, Red, 3/4	3
13	43895-1	COUPLER, Two Way	2
14	6137-6	COUPLER, Male	2

INSTALLATION INSTRUCTIONS