

BACKHOE MOUNTING KIT 95 BACKHOE KIOTI DK45, DK50 & DK55 TRACTORS

Subframe can be installed on tractor and backhoe using tools ordinarily available. Tractor must be equipped with loader to provide adequate counter weight. 3-point linkage for 3-point must be removed (see caution below). Reference to right or left as viewed while sitting on backhoe seat.

Complete backhoe installation requires pump kit or hose kit to operate backhoe from DK45, DK50, or DK55 tractor hydraulic system. Install hydraulic kit before mounting backhoe.



CAUTION: *If backhoe is being powered by an auxiliary pump kit or by a hose kit from tractor rear remotes, 3-pt hitch needs to be disabled by removing pins from hydraulic control arms. Failure to do so could result in damage to backhoe.*

Read backhoe operators manual and become familiar with backhoe controls before installing subframe. Knowing how backhoe functions is necessary to attach subframe and backhoe to tractor.

Install swing lock pin so boom remains in straight back position.

REMOVING BACKHOE FROM PALLET

1. Install pump kit or hose kit. Refer to instructions packed with kit for proper installation procedure. Back tractor, parallel to subframe assembly, close to backhoe.



CAUTION: *Do not remove hardware which secures backhoe to pallet until bucket is installed. Backhoe may tip over causing damage or serious personal injury.*

2. Remove stabilizers from shipping position. Install stabilizers to backhoe using pins provided. Connect stabilizer cylinders to stabilizers using pins provided.
3. Connect pump or hoses to tractor. Set bucket in place below dipperstick. Remove boom lock pin and carefully extend boom cylinder (lower boom) until bucket can be connect to dipperstick.
4. Install bucket to dipperstick using pins, 3/8 x 2-1/2 cap screws and 3/8 lock nuts provided. Carefully extend bucket cylinder and connect bucket to four bar link.

5. Install seat assembly to platform using 3/8 x 1-1/4 cap screws and 3/8 lock nuts provided.



CAUTION: *Do not fully extend boom or dipperstick until backhoe is mounted to tractor. Extending boom or dipperstick may cause backhoe to tip over resulting in damage to backhoe or serious personal injury.*

NOTE: *Remove protective coating from cylinder rods before operating backhoe controls.*

6. Using backhoe hydraulics carefully lower stabilizers and bucket to lift pallet off ground. Remove hardware and slide pallet out of the way. Lower backhoe to ground.

INSTALLING SUBFRAME TO BACKHOE (Figure 2)

1. Install subframe (1) to backhoe using 3/4 x 2 cap screws (8) and 3/4 lock nuts (9)(torque to 350 ft.-lbs).

NOTE: *If installing pump kit and subframe; spacers (12) are required between subframe and backhoe.*

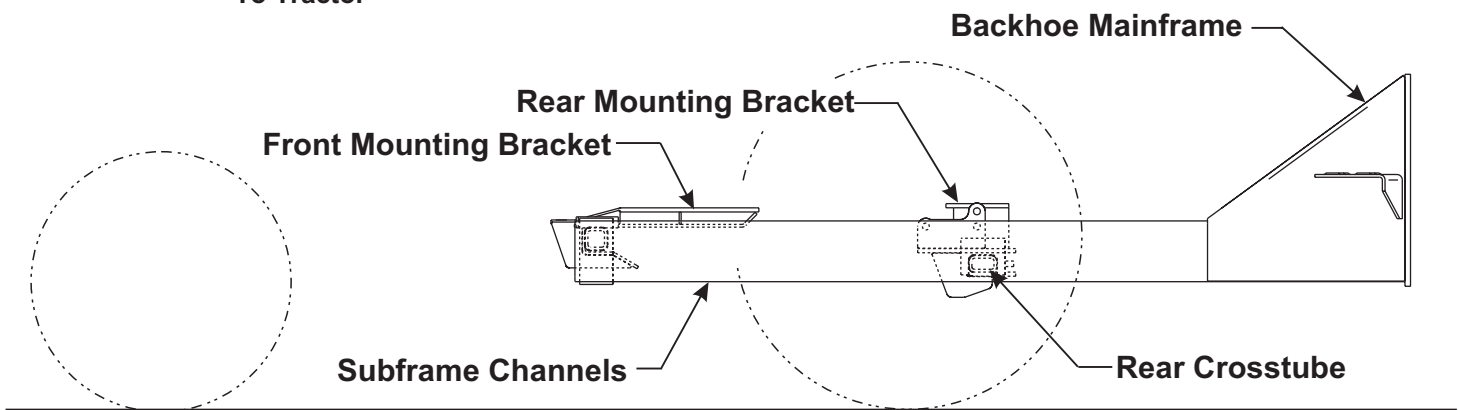
INSTALLING MOUNTING BRACKETS TO TRACTOR (Figure 2)

1. On DK45 and DK50 tractors, remove six dust plugs from bottom of transmission casting. On DK55 tractor, remove two cap screws securing rear fuel tank support channel to bottom of transmission casting and four dust plugs from bottom of transmission casting.
2. Install front subframe mounting bracket (3) to transmission housing using four 12MM x 30MM cap screws (5) and 1/2 lock washers (7) in four rear holes, and spacer plate (15), spacer tubes (14), 1/2 flat washers (16), 1/2 lock washers (7) and 12MM x 60MM cap screws (13) in front two slotted holes. On DK55 tractor spacer plate (15) is not used because fuel tank support channel takes up that space. Torque 12MM hardware to 70 ft.-lbs.
3. Remove two rear and lower front 14MM x 35MM cap screws from each side of hitch assembly. Remove drawbar from hitch assembly.
4. Install rear subframe mounting bracket (2) with ten 14MM x 45MM cap screws (4) and 9/16 lock washers (6). Torque 14MM hardware to 103 ft.-lbs. Reinstall tractor drawbar.

MOUNTING BACKHOE TO TRACTOR

1. Start tractor engine and run at slow idle speed. Using backhoe controls, lower bucket and stabilizers to provide a base for raising the backhoe subframe. Using backhoe controls, raise subframe to proper height to connect to tractor.
2. Position 3-pt. Hitch arms inside subframe.
3. Back tractor and position subframe so crosstube engages in rear mounting pocket and front of subframe engages into backhoe midmounting pocket.
4. Install pins (10) through rear mounting bracket to secure subframe in place. Secure pins using linch pins (11).

Figure 1
Mounting Subframe
To Tractor



PARTS LIST - REPAIR PARTS

ITEM	PART NO.	DESCRIPTION	QTY.
1	51754	SUBFRAME ASSEMBLY	1
2	51725	BRACKET ASSEMBLY, Rear	1
3	51748	BRACKET ASSEMBLY, Front	1
4	42672-60	SCREW, Cap, 14MM-1.50 x 45MM	10
5	42672-59	SCREW, Cap, 12MM-1.25 x 30MM	4
6	41837-6	WASHER, Lock 9/16	10
7	41837-5	WASHER, Lock 1/2	6
8	42969-13	SCREW, Cap, 3/4-10 x 2.00, Grade 8	6
9	47264-8	NUT, Lock, 3/4-10, Grade 8	6
10	44892	PIN ASSEMBLY	2
11	44756-1	LINCH PIN	2
12	31897	SPACER	2
13	42672-49	SCREW, Cap, 12MM-1.25 x 60MM	2
14	46308-2	SPACER, .91"	2
15	51722	SPACER PLATE	2
16	42502-30	FLAT WASHER, 1/2" W-STD	2

