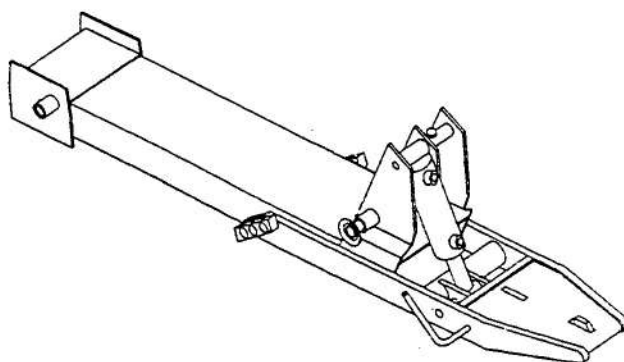


OPERATOR'S & PARTS MANUAL

KUBOTA



**L2054B Quick Attach Frame With
Quick Hitch System**

L2051A Mid PTO Drive System

**For GL - Series Tractors
Requires L2076 Joystick Valve Kit**

MODELS STARTING AT SERIAL NO. 9500101 AND UP

MANUAL PART NUMBER

70060-04185

12/96

TABLE OF CONTENTS

1. <u>INTRODUCTION</u>	2
2. <u>APPLICATION CHARTS</u>	3
3. <u>SAFETY DECALS</u>	4
4. <u>SUBFRAME ASSEMBLY</u>	5
Step 1: Preparation for tractor without loader.....	5
Step 1: Preparation for tractor with loader.....	7
Step 2: Subframe preparation	9
Step 3: L2051A mid PTO drive installation	10
Step 4: Hydraulic system.....	11
5. <u>SUBFRAME MOUNTING AND DISMOUNTING</u>	12
6. <u>PARTS LISTS</u>	
Decals	15
L2051A Mid PTO Drive Assembly	16
Subframe	17
Male Quick Hitch	19
Lift cylinder	21
Mid Driveline assembly.....	22
Driveline Male Portion	23
7. <u>WARRANTY</u>	24
8. <u>TORQUE SPECIFICATION TABLE</u>	25



IMPORTANT: Before beginning assembly of this subframe, please read the instructions through completely and familiarize yourself with all the parts. Open carton and lay out all parts for assembly. Be sure tires are properly inflated. Pressure must be equal on both sides of tractor. After completing assembly, torque all bolts according to torque specification table on page 25.

STEP 1 : PREPARATION FOR TRACTOR WITHOUT LOADER

- a) Remove front bumper and keep the four bolts and lockwashers.
- b) Install front support bracket (fig.1, item 1) using bolts and lockwashers from bumper (fig.1, item 2). Tighten securely.

c) For L2900 and L3300 tractor

Install left hand attaching plate (fig.2, item 1) with shim 3/8" thick (fig.2, item 2, seven drilled holes) and shim 1/2" thick (fig.2, item 3, seven drilled holes), using seven bolts M14 X 60 mm (fig.2, item 4) with lockwashers and nuts. Install right hand attaching plate (fig.3, item 1) with shim 1/2" thick (fig.3, item 2) and hose support (fig.3, item 3) at indicated positions using seven M14 X 50 mm (fig.3, item 4) bolts with lockwashers and nuts. Do not tighten yet. For hose support (fig.3, item 5) use bolt and hose support of the tractor, under the oil filter.



IMPORTANT : All bolts through tractor frame must be installed from inside tractor frame with the nuts and lockwashers on the outside to prevent interference with steering cylinder. It may be necessary to remove the pin of the rod end of the steering cylinder to install bolts.

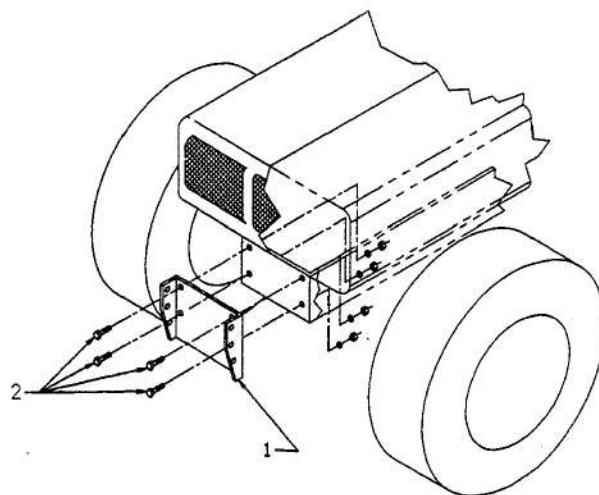


FIGURE 1

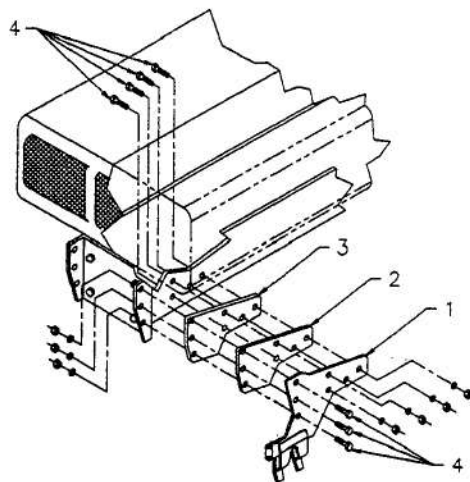


FIGURE 2

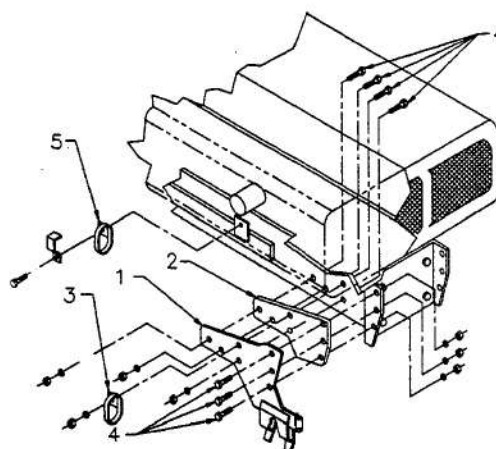


FIGURE 3

For L3600 and L4200 tractor

Install left hand attaching plate (fig.4, item 1) with shim 1/2" thick (fig.4, item 2), shim 3/8" thick (fig.4, item 3, five drilled holes) and small shim 3/8" thick (fig.4, item 4, one drilled hole), using six bolts M14 X 60 mm (fig.4, item 5) with lockwashers and nuts, one bolt M16 X 60 mm (fig.4, item 6) with lockwashers and nuts. Do not tighten yet. Install right attaching plate (fig.5, item 1) with shim 1/2" thick (fig.5, item 2) and hose support (fig.5, item 3) at indicated positions using four bolts M14 X 50 mm (fig.5, item 4) with lockwashers and nuts, and two bolt M14 X 60 mm (fig.5, item 5) with lockwashes and nut, one bolt M16 X 60 mm (fig.5, item 6) with lockwasher and nut. Do not tighten yet. For hose support (fig.5, item 7) use bolt and hose support of the tractor, under the oil filter.

NOTE : fig.4, item 4 is only required on early production L3600 and L4200 tractor.



IMPORTANT: All bolts through tractor frame must be installed from inside tractor frame with the nuts and lockwashers on the outside to prevent interference with steering cylinder. It may be necessary to remove the pin of the rod end of the steering cylinder to install bolts.

NOTE : Before installing rear support brackets, remove side shields on each side of the tractor frame.

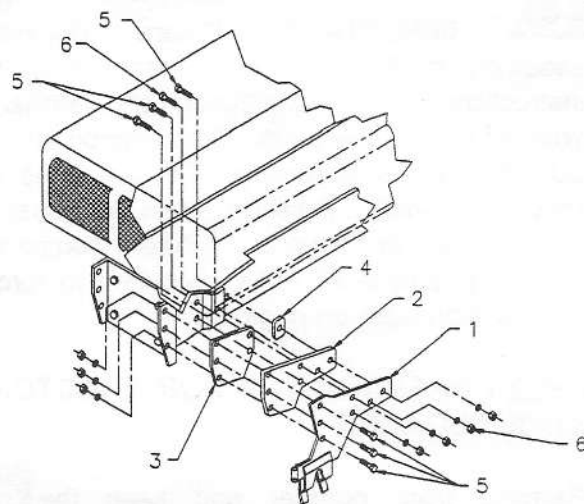


FIGURE 4

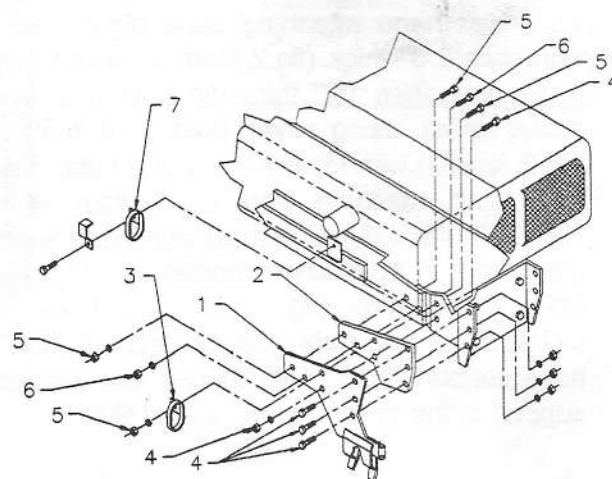


FIGURE 5

d) Install rear left support bracket (fig.6, item 1) using four bolts 14 mm X 1.5 mm X 35 mm (fig.6, item 2) with lockwashers . Do not tighten yet.

e) Install rear right support bracket (fig.7, item 1) on tractor, with welded shims towards tractor. Secure bracket to tractor frame using two bolts 14 mm X 1.5 mm X 50 mm (fig.7, item 2) with lockwashers. At the same step, install valve support bracket (fig.7,item3) using two bolts M14 X 50 mm (fig.7, item 2) with lockwashers. Do not tighten yet.

f) Install the rear attaching plates (fig.6, item 3) (weldment toward inside, with more material will facing rear of tractor) on the reinforcement bracket (fig. 6, item 4) placing the spacers (fig. 6, item 5) (refer to the subframe assembly view) between the rear attaching plates (fig. 6 item 3) and the rear support brackets fig. 6 item 1). Use four bolts 14 mm X 1.5 mm X 80 mm (fig.6, item 6) with lockwashers and nuts in the two upper holes. Do not tighten yet.

NOTE:- For L2900 and L3300, use pinhole as shown in (fig. 6, item 8) and the spacers 25 mm X 25 mm (fig. 6, item 5).

NOTE:- For L3600 and L4200, use pinhole as shown in (fig. 6 item 7) and the spacers 19 mm X 25 mm (fig. 6, item 5).

STEP 1: PREPARATION FOR TRACTOR WITH LOADER

NOTE: When installing the loader for the 1st time, after installing the quick hitch subframe, the loader may require adjustment to allow it to go into the receiving brackets. Adjust according to loader instalation instruction.

- Remove front bumper and keep the four bolts and lockwashers.
- Install front support bracket (fig.8, item 1) using bolts and lockwashers from bumper (fig.8, item 2). Tighten securely.

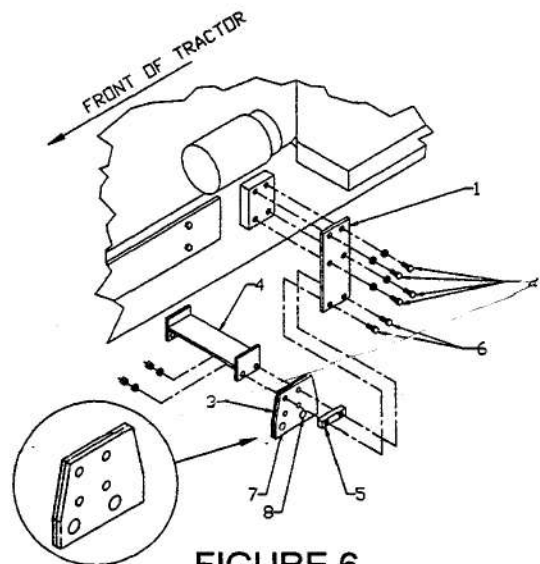


FIGURE 6

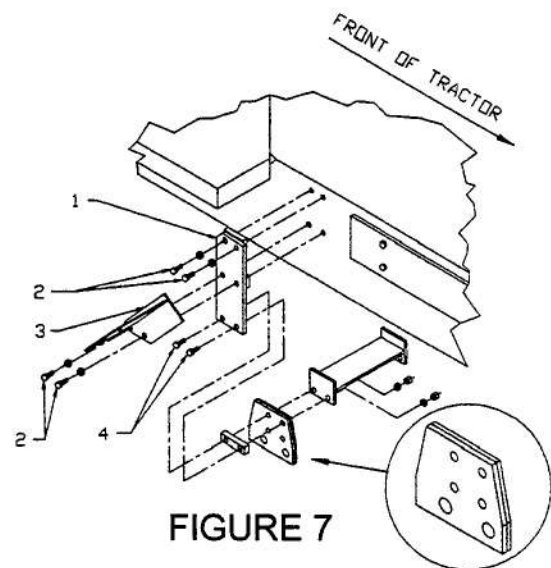


FIGURE 7

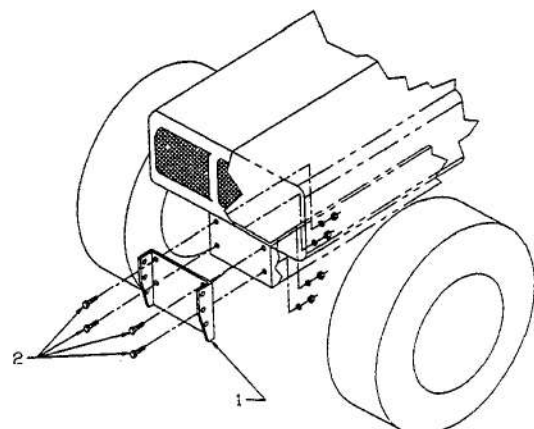


FIGURE 8

c) **For L2900 and L3300 tractor**

Install front right hand attaching plate (fig.9, item 1) with small shim 1/2" thick (fig.9, item 2) and hose support (fig.9, item 3) at indicated positions using six bolts M14 X 50 mm (fig.9, item 4) with lockwashers and nuts. Do not tighten yet. For hose support (fig.9, item 5) use bolt and hose support of the tractor, under the oil filter.

Install left hand attaching plate (fig.10, item 1) with shim 3/8" thick (fig.10, item 2) that has the same shape as the attaching plate and small shim 1/2" thick (fig.10, item 3), using six bolts M14 x 60 mm (fig.10, item 4) with lockwashers and nuts. Do not tighten yet.

Do not install a bolt in the bottom holes on the front plate.



IMPORTANT : All bolts through tractor frame must be installed from inside tractor frame with the nuts and lockwashers on the outside to prevent interference with steering cylinder. It may be necessary to remove the pin of the rod end of the steering cylinder to install bolts.

For L3600 and L4200 tractor

Install front right hand attaching plate (fig. 11, item 1) and hose supports (fig. 11, item 2) at indicated positions using three bolts M14 X 50 mm (fig. 11, item 3) with lockwashers and nuts, two bolt M14 X60 mm (fig. 11, item 4), with lockwashers and nuts, one bolt M16 X 60 mm (fig. 11, item 5) with lockwashers and nuts. Do not tighten yet. For hose support (fig.11, item 6) use bolt and hose support of the tractor, under the oil filter. Install left hand attaching plate (fig. 12, item 1) using five bolts M14 X 60 mm (fig. 12, item 2) with lockwashers and nuts, and one bolt M16 X 60 mm (fig. 12, item 3) with lockwashers and nuts. Do not tighten yet. Do not install a bolt in the bottom holes on the front plate.

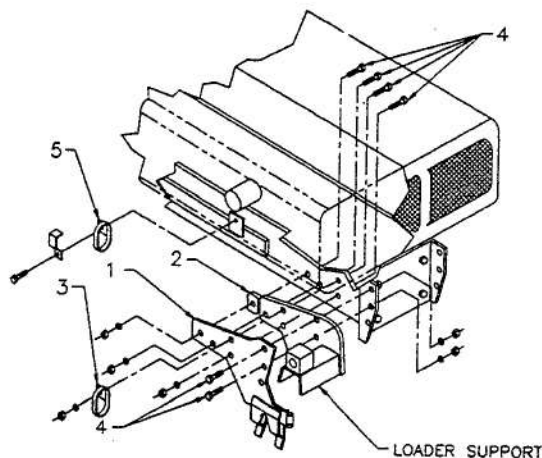


FIGURE 9

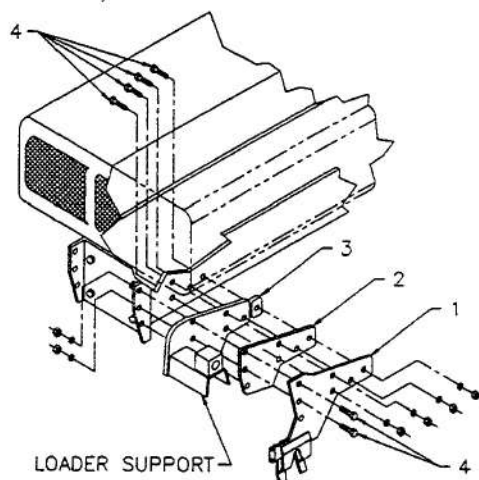


FIGURE 10

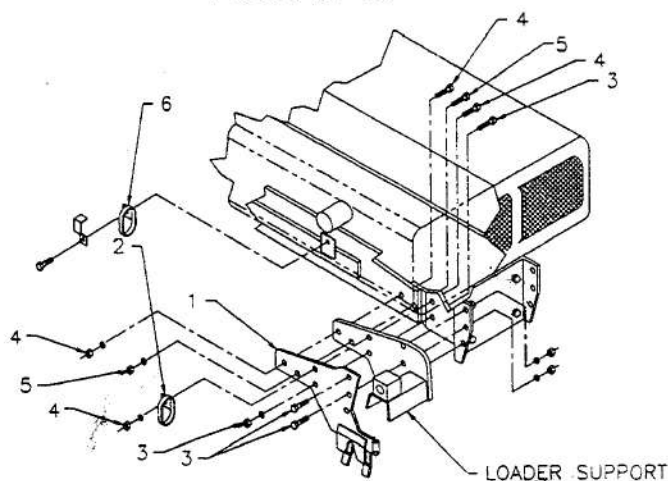


FIGURE 11



IMPORTANT : All bolts through tractor frame must be installed from inside tractor frame with the nuts and lockwashers on the outside to prevent interference with steering cylinder. It may be necessary to remove the pin of the rod end of the steering cylinder to install bolts.

- d) Install the rear attaching plates (fig. 13, item 1) (weldment toward inside, with more material will facing rear of tractor) on the reinforcement bracket (fig. 13, item 2) placing the spacers (fig. 13, item 3) (refer to the subframe assembly plan) between the rear attaching plates and the loader supports. Use four bolts 14mm X 1.5 mm X 80 mm (fig.13, item 4) with lock-washers and nuts, into the two upper holes. Do not tighten yet.

NOTE: For L2900 and L3300, use pinhole as shown in (fig. 13, item 6) and the spacers 25 mm X 25 mm(fig. 13 item 3).

NOTE: For L3600 and L4200, use pinhole as shown in (fig. 13, item 5) and the spacers 19mm X 25 mm (fig. 13, item 3).

STEP 2: SUBFRAME PREPARATION

- a) Install the subframe under the tractor temporarily in the support brackets. Support by one jack at each end, and attach in the rear with the 31/32" X 15 1/4" pin and front with the two wedge bolts, with the wedge on the upper side.
- b) Use the jack to lift the rear section of the subframe just until the tractor starts to lift slightly.
- c) Use a jack to lift the front of the subframe until the top of the front brackets are parallel to the tractor engine side rails. If you lift too much the pins will bind in their seats.

NOTE: On L3600 and L4200 tractor , be sure the tractor front bolster bracket is level with the engine side rails and is not tipped downward when tightening the front bolts.

- d) Tighten securely all bolts on front and rear brackets.
- e) Release both jacks and try the rear pin to be sure it moves freely. If not, loosen the support brackets and adjust until the pin moves freely. This is important for easy mounting and dismounting of quick hitch in the future.

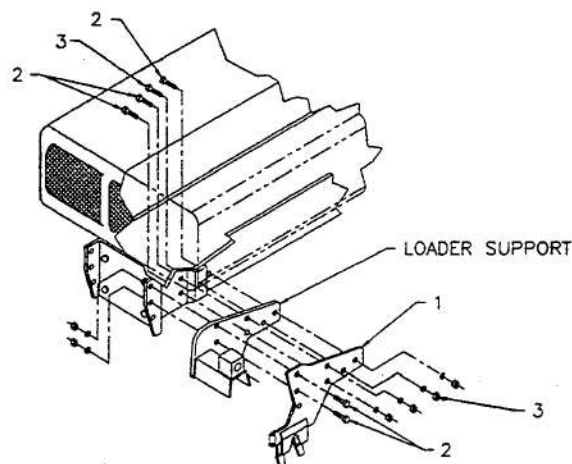


FIGURE 12

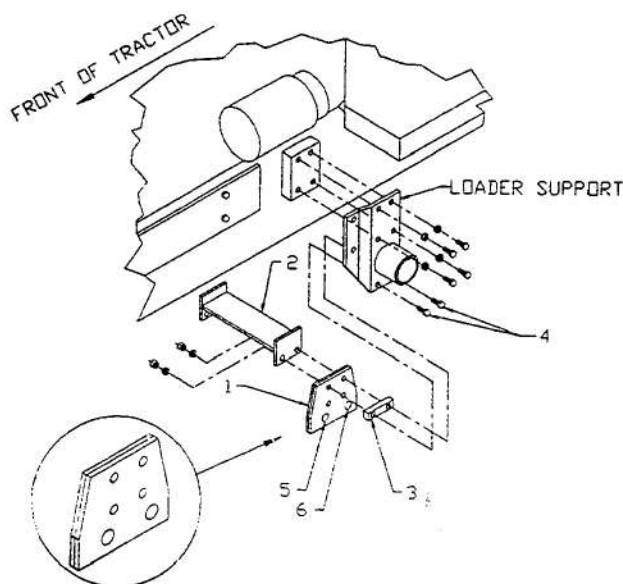


FIGURE 13

BEFORE MOUNTING THE MALE QUICK HITCH TO THE MAIN SUBFRAME, DETERMINE WHICH IMPLEMENTS ARE TO MOUNTED TO THE QUICK HITCH. IF YOU ARE USING A DOZER BLADE ONLY, YOU MAY INSTALL THE MALE QUICK HITCH IN THE REAR PORT ON THE SUBFRAME. IF YOU ARE USING A POWER SWEEPER OR THE SNOWBLOWER, YOU MUST INSTALL THE MALE QUICK HITCH TO THE FRONT PORT OF THE SUBFRAME. **DRIVELINE DAMAGE CAN OCCUR IF MALE QUICK HITCH IS NOT INSTALLED IN THE RECOMMENDED POSITION.**

- f) Slide the male hitch under the subframe. Lift the rear section with three holes, aligning with the subframe hole until the middle hole in the male hitch is 8 1/4" to 8 3/4" from the ground (refer to figure 14). Mark the hole on the male hitch that most closely lines up with the subframe hole at this position for future installation.

NOTE: 8 1/4 to 8 3/4" clearance ensures parallel working position for blade and broom when angled. The smallest turf tires are not recommended for this application due to too low ground clearance.

When installing front mount sweeper, check chain must be installed to limit lowest operating position of male quick hitch. When operating sweeper, hydraulic control valve must be in FLOAT position. DO NOT OPERATE THE VALVE IN THE "DOWN" POSITION AS DAMAGE TO THE SWEEPER MAY OCCUR.

- g) Remove subframe and male hitch from under the tractor.

STEP 3: L2051A Mid PTO DRIVE INSTALLATION

NOTE: If not using L2051A go to Step 4.

Before installing L2051A mid pto drive system onto L2900 & L3300 tractors, it is necessary to modify the male 1/2 shaft of p/n

70060-04048. Remove 4 inches from the male shaft and 4 inches from the guard.

- a) Install 1" X 42 3/8" shaft (fig.15, item 1) in subframe (fig.15, item 2) using two 1" bearings, four flangettes and four 5/16" X 3/4" carriage bolts, lockwashers and nuts. Install one bearing and locking collar (fig.15, item 3) on front side of front cross plate and other bearing and locking collar on rear side of rear cross plate (fig.15, item 4). If using two lower rear holes in male hitch, leave 3 3/4" of shaft extending beyond front cross plate (fig. 15, distance "A"). If using upper holes, adjust shaft leaving 2 3/4" extending (fig. 15, distance "A"). Lock shaft in place by turning eccentric collar (fig.15, item 3) in the direction of shaft rotation and tighten set screws.

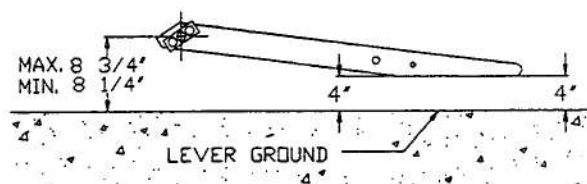


FIGURE 14

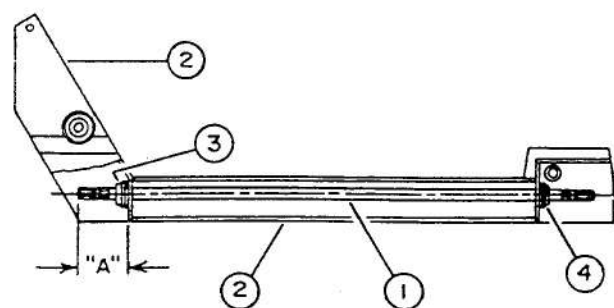


FIGURE 15

STEP 4: Hydraulic system

- a) Attach the previously marked hole (Step 2, f) in the male hitch (fig. 16, item 1) to subframe using a $3\frac{1}{32}$ " diameter X $14\frac{3}{8}$ " pin (fig. 16, item 2), locked with two $\frac{5}{16}$ " X 2" bolts, lockwashers and nuts (fig. 16, item 3).

NOTE: For use of blade, attach male hitch to the rear hole of subframe (fig.16, item 4). For snowblower, use the front hole in the subframe (fig.16, item 5).

- b) Install lift cylinder (fig. 16, item 6) base end at top of subframe (ports on front side) using a $\frac{3}{4}$ " diameter X $7\frac{5}{8}$ " pin (fig. 16, item 7). Make sure hole in pin is vertical and lock pin at top of subframe using a bolt $\frac{1}{4}$ " X $1\frac{3}{4}$ " (fig. 16, item 8) with lockwasher and nut .

- c) Install cylinder rod end to weldments on male hitch (grease fitting on front side) using a $\frac{3}{4}$ " X $4\frac{1}{2}$ " pin (fig.16, item 9). Make sure hole in pin is vertical and lock pin in male hitch using a bolt $\frac{1}{4}$ " X $1\frac{3}{4}$ " fig. 16, item 10) with lockwasher and nut .

- d) Install one 90° elbow, $\frac{3}{8}$ " male X $\frac{3}{8}$ " fig. 16, item 11) female in each cylinder port using thread sealant, first placing a flow restrictor (fig. 16 item 17) in one elbow before threading elbow in lower port. Position upper fittings at 9 o'clock position lower fitting 10 o'clock. Install one $\frac{3}{8}$ " X 72" hose (fig. 16, item 12) in lower elbow, and the $\frac{3}{8}$ " X 72" hose (fig. 16, item 12). in the upper elbow . Identify the other end of one hose with a red plastic ring (fig. 16, item 13). and the other hose with a blue plastic ring (fig. 16, item 14).

- e) Install a male quick coupler with rubber dust cap (fig. 16, item 16) at free end of each hose using thread sealant (rubber dust cap ring (fig. 16, item 15). must be on hose before installing coupler).

- f) Install valve (supplied by Kubota) on the valve support bracket (fig. 7, item 3) for installation of controller, please refer to Kubota valve kit manual.

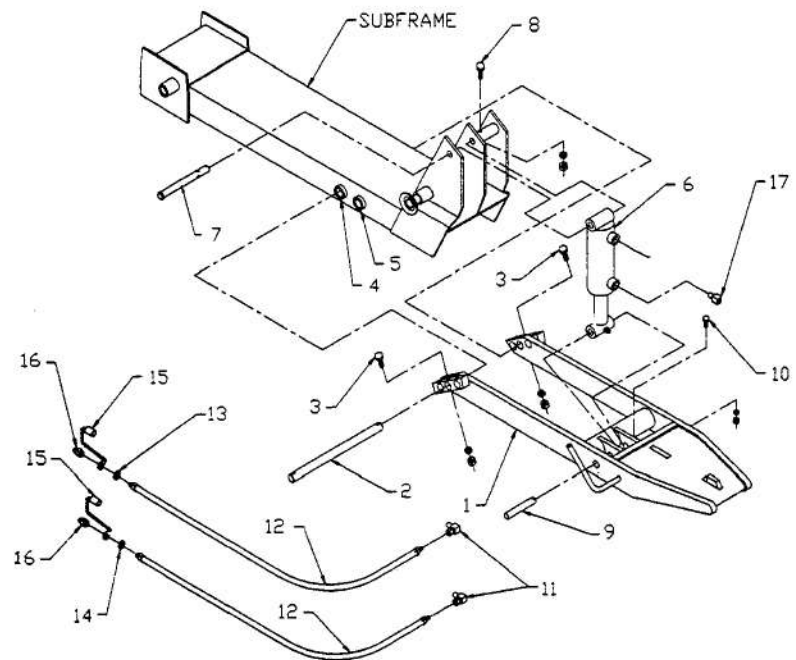


FIGURE 16

MOUNTING AND DISMOUNTING SUBFRAME TO TRACTOR

Mounting subframe (Initial Setup)

IMPORTANT: Mounting and dismounting is easier if an implement is attached to the hitch.

NOTE: If equipped with front loader, the loader boom must be removed to install the subframe.

- Place a 2" x 3" block under the rear portion of subframe.
- Place a 5" block under the male quick hitch.
- Carefully place tractor over subframe assembly (be careful not to drive over hydraulic hoses). Make sure subframe front pins (fig.17, item 1) are under front attaching plates and subframe welded sleeves (fig. 17, item 2) are under rear attaching plates (fig. 17, item 8).
- Place hoses in hose support brackets.



WARNING: Escaping hydraulic/diesel fluid under pressure can penetrate the 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 the skin, obtain medical attention immediately.

- With the engine turned off, release pressure from hydraulic system by moving valve handle back and forth and sideways. Connect lift cylinder base end hose to outside rear (yellow) quick coupler (fig. 17, item 9) and connect cylinder rod end hose to outside front (white) quick coupler (fig. 17, item 6 for tractor without loader and for tractor with loader). Identify female quick coupler on tractor with a red and blue plastic ring to match lift cylinder hoses.

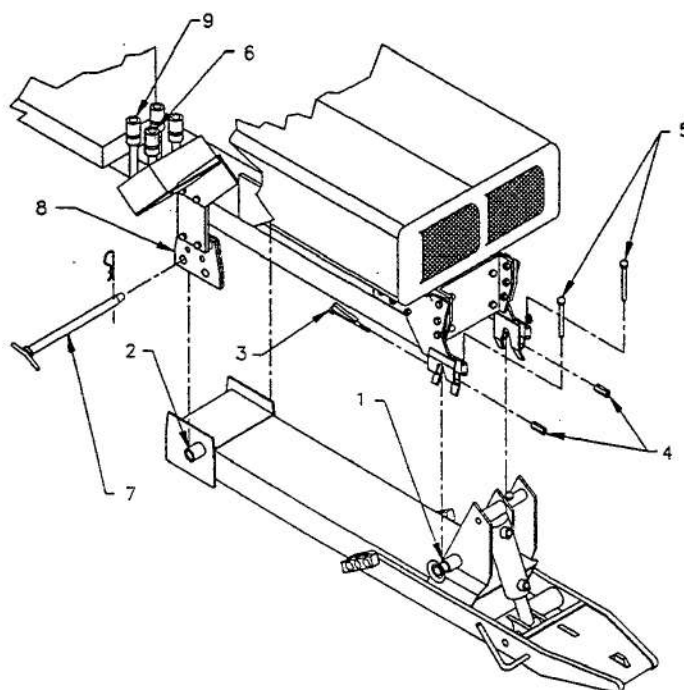


FIGURE 17

- f) Sitting on the tractor seat with the engine running, carefully push valve handle forward to raise front of subframe completely into the front attaching plates. Turn engine off, set parking brake and insert one support bolt (fig. 17, item 3) (wedge on upper side of bolt) from back side of each front attaching plate. Secure support bolt using the special nuts (fig. 17, item 4). Do not tighten yet.
- g) Sitting on the tractor seat, start engine and pull valve handle backward to raise male hitch to maximum height. Turn tractor engine off. Using a jack under middle of subframe, raise subframe inside rear and front attaching plates. Do not support jack under shaft in subframe. Insert 31/32 dia. x 15 3/8" inch pin (fig. 17, item 7) through rear attaching plates and subframe and lock in place using 4 mm X 80 mm hair pin. Tighten special nuts (fig. 17, item 4) on front attaching plates and lock with pins. Remove jack and 5" block from under tractor.
- h) **Power driveline installation:**
Connect long driveline (fig. 18, item 1) to mid PTO under tractor using the new quick release yoke on this shaft (fig. 18, item 2). Connect other end of driveline to shaft in subframe. Make sure driveline is well secured at both ends.

SUBFRAME DISMOUNTING

IMPORTANT: Mounting and dismounting is easier if an implement is attached to the hitch.

- a) With engine turned off, parking brake set, and key removed, place a 2" X 3" block under rear portion of subframe and if using a power driven attachment, disconnect long driveline from tractor mid PTO.

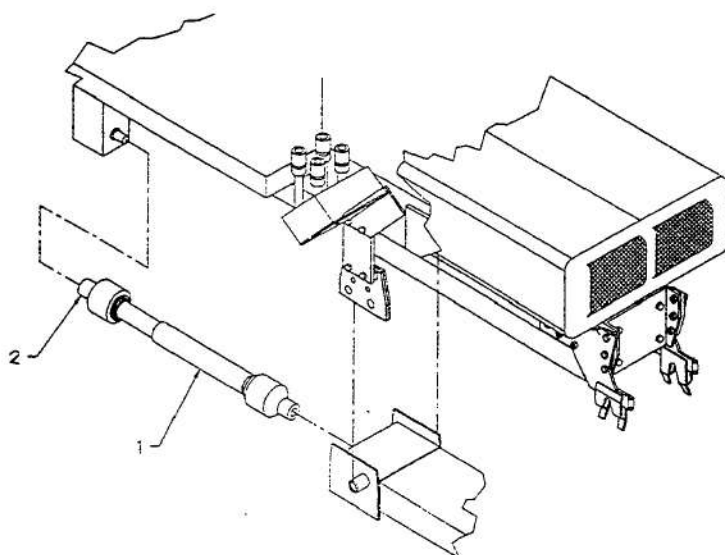


FIGURE 18

- c) Sitting on tractor seat, start engine and lower attachment until the weight is off the wedge support bolt. Turn engine off and remove the key. Remove wedge support bolts from front attaching plates by unscrewing the special nuts, and remove hoses from hose supports.
- d) Sitting on tractor seat, start engine and raise attachment so that it is in a straight line with subframe. Turn engine off and release pressure from hydraulic system. Disconnect hose couplers and remove from hose support brackets.
- e) Carefully back tractor away from subframe.
- d) Sitting on tractor seat and using valve handle, raise attachment to maximum height to raise rear pin points into rear attaching plates. Turn engine off, set parking brake and remove key. Attach subframe to rear attaching plates using the 15 3/8" pin locked with hairpin. Secure front support bolts tightly with special nuts (fig. 17, item 4) and lock with pins.
- e) If using a power driven attachment, connect long driveline to tractor mid PTO using the quick release yoke (fig. 18, item 2). Be sure driveline is securely fastened at both ends.

SUBFRAME REMOUNTING



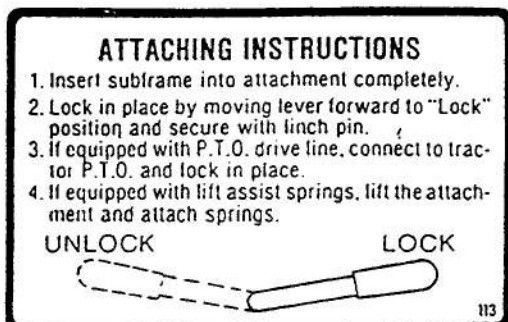
WARNING: If the subframe holes do not properly line up, do not use your hands to shift into place. Use a bar.

- a) Carefully place tractor over subframe. Make sure pin points are under attaching plates. Turn engine off.
- b) Release pressure from hydraulic system by moving valve handle back and forth and sideways. Route hoses through hose support brackets. Connect lift cylinder hoses and attachment hoses to female couplers on right hand side of tractor, matching the colored rings.
- c) Sitting on tractor seat and using valve lever, carefully lower attachment in order to raise subframe front pins completely into front attaching plates. Insert wedge bolts (fig. 17, item 5), with the wedge on the upper side of the bolt, and secure tightly with special nuts (fig. 17, item 4).

PART LIST

DECALS

REF	DESCRIPTION	QTY	PART #
1	Instruction decal (quick hitch).....	1	70060-01437
2	Danger decal (driveline shield).....	2	70060-03646
3	Danger decal (hidden driveline female tube).....	1	70060-03648



2

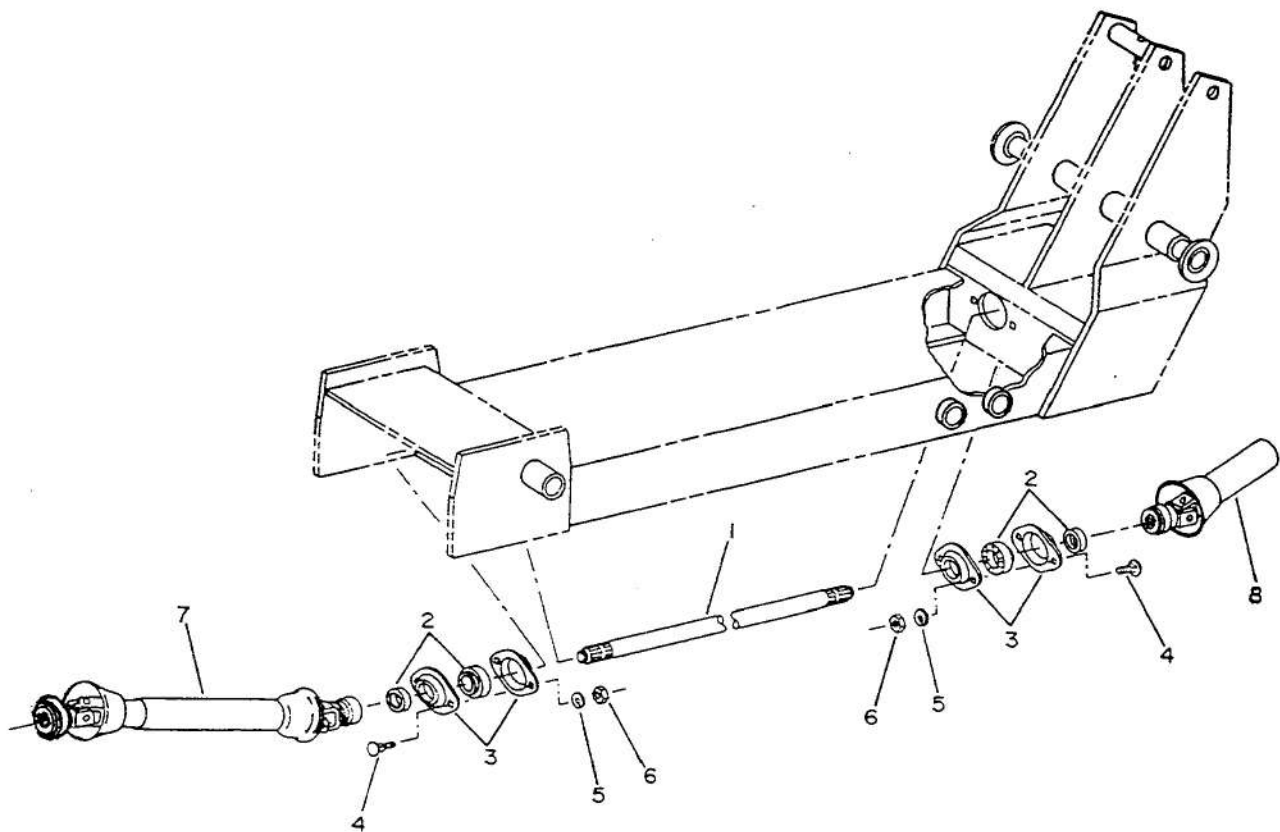


3

PART LIST

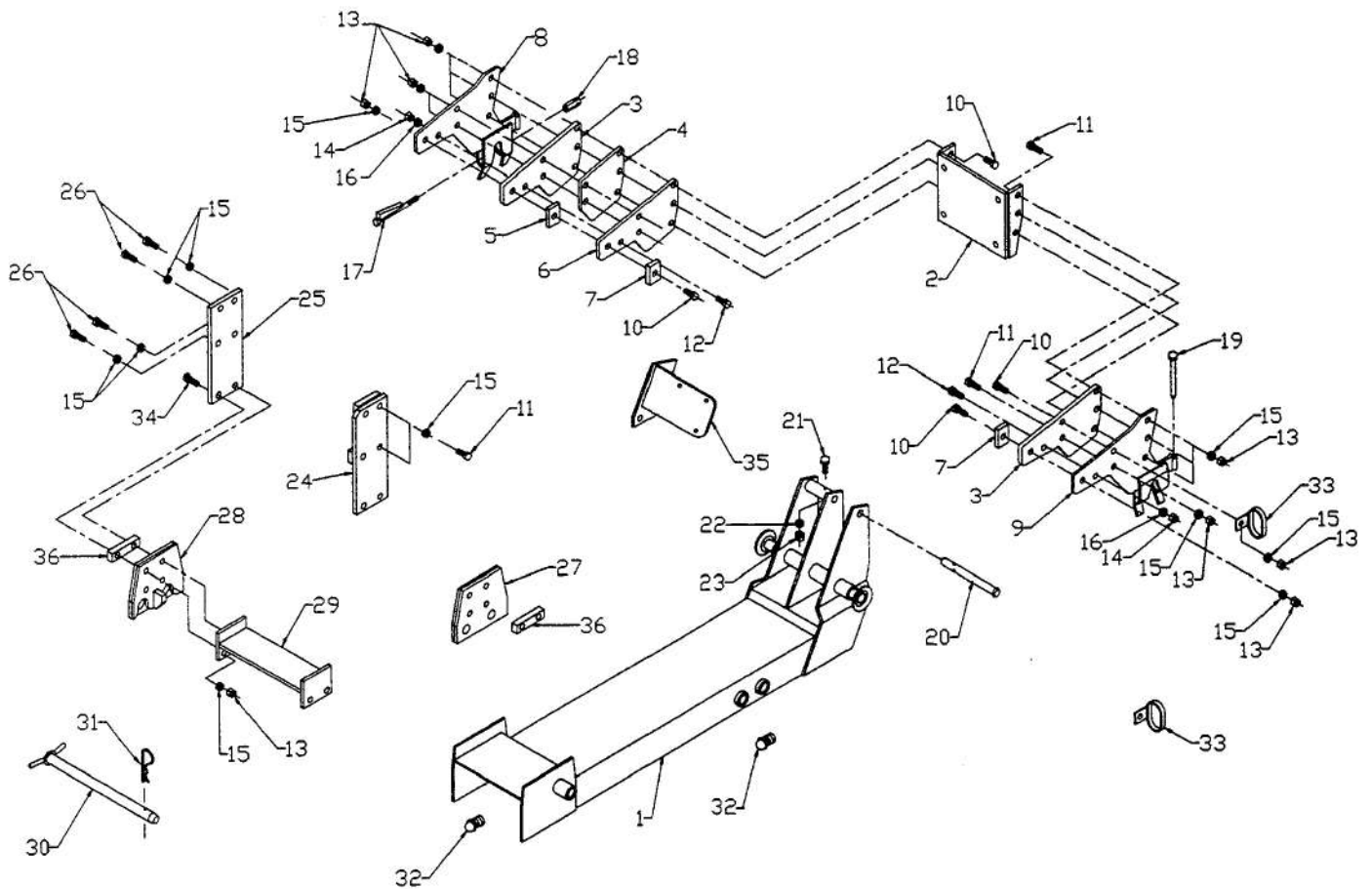
L2051A MID PTO DRIVE ASSEMBLY

REFERENCE	DESCRIPTION	QTY	PART #
1	Splined shaft	1	70060-01737
2	Bearing with locking collar	2	70060-00925
3	Flange bearing	4	70060-01243
4	Carriage bolt 5/16" NC x 3/4" lg.	4	70060-04188
5	Lockwasher 5/16"	4	75599-33012
6	Hex. nut 5/16" NC	4	75599-31012
7	Driveline assembly	1	70060-04048
8	Driveline male portion.....	1	70060-03886



PART LIST

L2054B (96) SUBFRAME AND ATTACHING PLATE



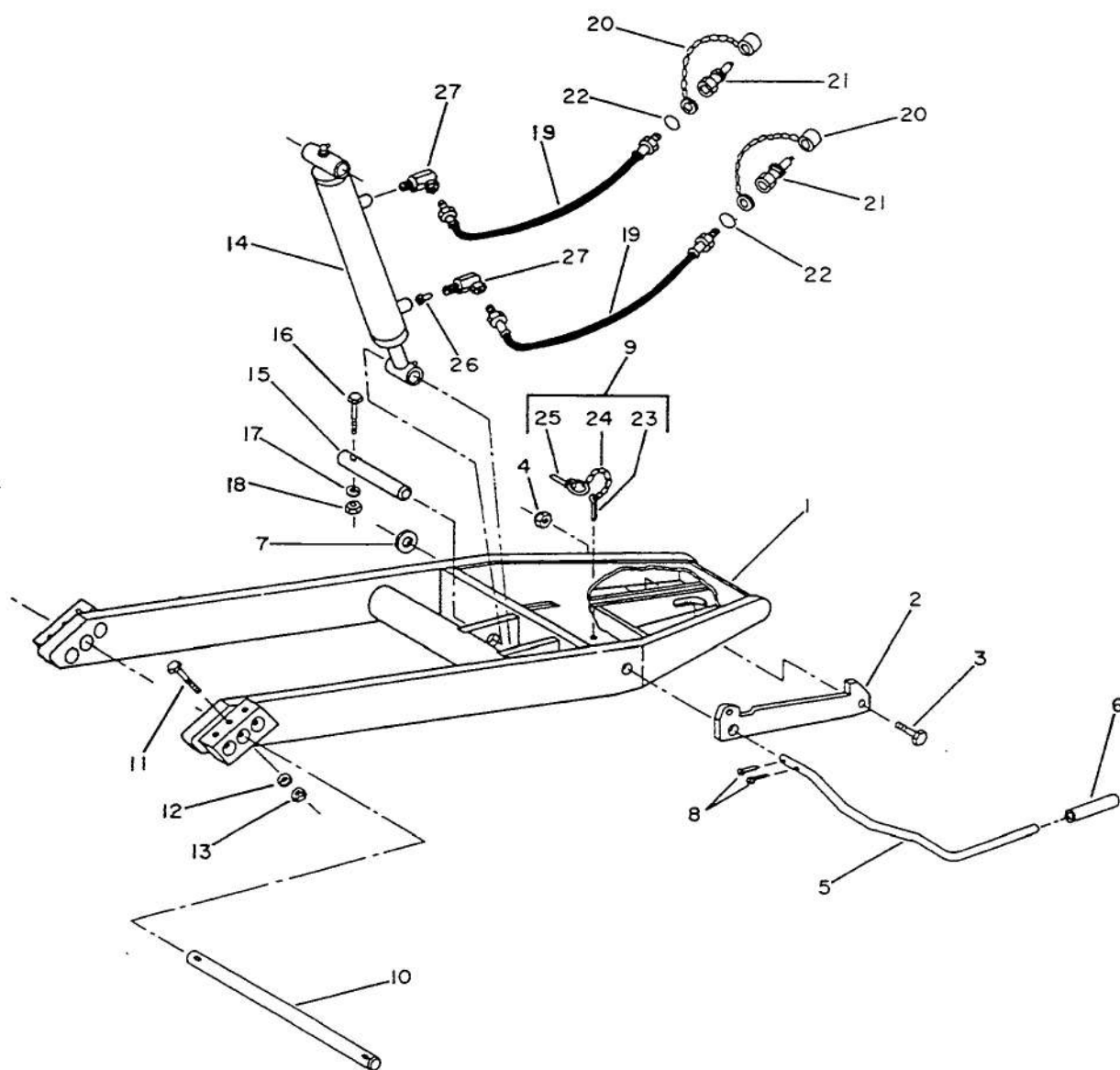
PART LIST

L2054B (96) SUBFRAME AND ATTACHING PLATE

REFERENCE	DESCRIPTION	QTY	PART #
1	Subframe	1	70060-04186
2	Front support bracket	1	70060-04049
3	Shim plate 1/2"(only required for L2900/L3300/L3600/L4200 non loader)	2	70060-04161
4	Shim plate 3/8" four holes (only required for L3600/L4200 non loader)	1	70060-04157
5	Small shim plate 3/8"(only required for L3600/L4200)	1	70060-04160
6	Shim plate 3/8" seven holes (only required for L2900/L3300)	1	70060-04158
7	Small shim plate 1/2"(only required for L2900/L3300 with loader)	2	70060-04159
8	Front attaching plate (L.H.)	1	70060-04166
9	Front attaching plate (R.H.)	1	70060-04165
10	Hex. bolt M14 x 1.5 x 60mm	7	01173-51460
11	Hex. bolt M14 x 1.5 x 50mm	11	01173-51450
12	Hex. bolt M16 x 2.0 x 60mm (only required for L3600/L4200)	2	01153-51660
13	Hex. nut M14 x 1.5mm	18	02076-50140
14	Hex. nut M16 x 2.0mm (only required for L3600/L4200)	2	02056-50160
15	Lock washer 14mm	26	04512-60140
16	Lock washer 16mm	2	04512-60160
17	Support bolt	2	70060-01541
18	Special drilled nut	2	70060-01542
19	Locking pin	2	70060-04054
20	Cylinder pin (3/4" dia. x 7 13/16" lg.)	1	70060-01723
21	Hex. bolt 1/4" NC x 1 3/4" lg.	1	75599-01135
22	Lock washer 1/4"	1	75599-33011
23	Hex. nut 1/4" NC	1	75599-31011
24	Rear support bracket (R.H.)	1	70060-04163
25	Rear support bracket (L.H.)	1	70060-04162
26	Hex. bolt M14 x 1.5 x 35mm	4	01173-51435
27	Rear attaching plate (R.H.)	1	70060-04055
28	Rear attaching plate (L.H.)	1	70060-04056
29	Reinforcement bracket	1	70060-01710
30	Attaching pin	1	70060-01711
31	Hair pin 4mm dia. x 80mm	1	70060-04187
32	Grease fitting (1/4" NF)	2	70060-00940
33	Hose support bracket	2	70060-00889
34	Hex. bolt M14 x 1.5 x 80mm	4	01173-51480
35	Valve support	1	70060-04050
36	Spacer 1" x 1" x 4" lg.	2	70060-04057
	Spacer 3/4" x 1" x 4" lg.	2	70060-04058

PART LIST

L2054B (96) QUICK HITCH SYSTEM



PART LIST

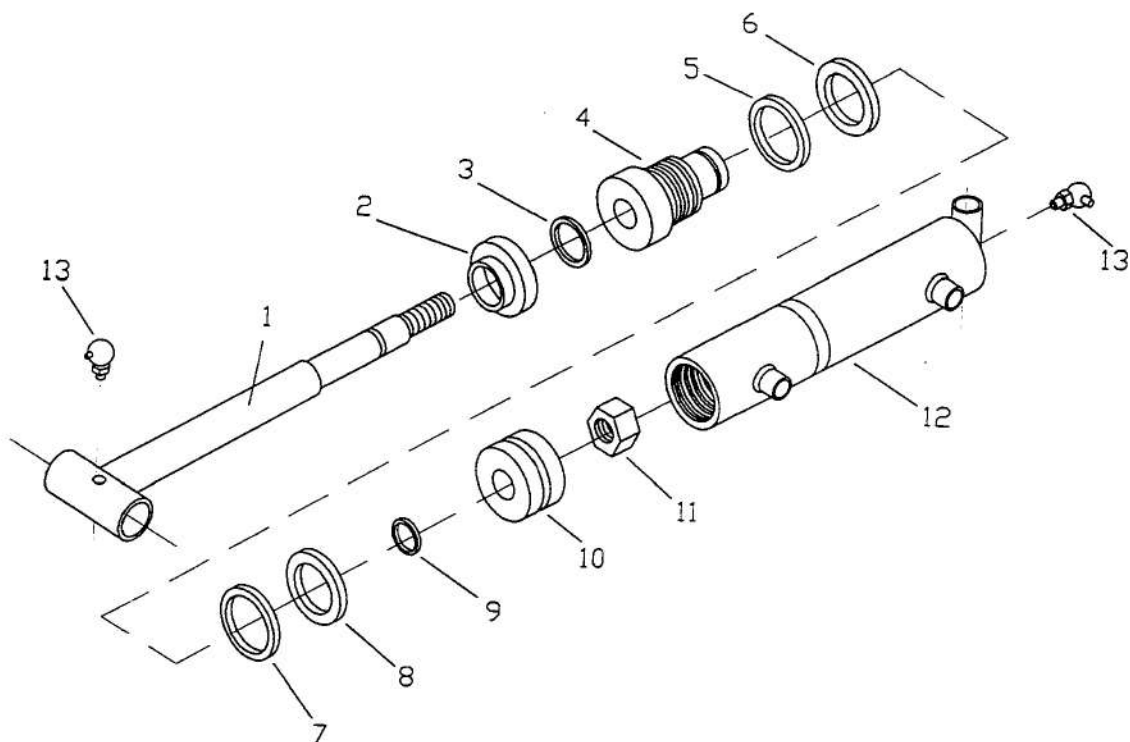
L2054B (96) QUICK HITCH SYSTEM

REFERENCE	DESCRIPTION	QTY	PART #
1	Male quick hitch	1	70060-01772
2	Quick hitch latch	1	70060-01773
3	Hex. bolt 3/8" NC x 1 1/2" lg.	1	75599-01330
4	Nylon nut 3/8" NC	1	75599-31913
5	Quick hitch lever	1	70060-01774
6	Plastic handle	1	70060-01318
7	Flatwasher 9/16" dia. hole	1	75599-32016
8	Cotter pin 1/8" dia x 1" lg.	2	75599-53173
9	Safety chain and pin assembly	1	70060-01611
10	Pivot pin	1	70060-01717
11	Hex. bolt 5/16" NC x 2" lg.	2	75599-01240
12	Lockwasher 5/16"	2	75599-33012
13	Hex. nut 5/16" NC	2	75599-31012
14	Lift cylinder	1	70060-04263
15	Cylinder pin 3/4" dia. x 4 1/2" lg.	1	70060-01724
16	Hex. bolt 1/4" NC x 1 3/4" lg.	1	75599-01135
17	Lockwasher 1/4"	1	75599-33011
18	Hex. nut 1/4" NC	1	75599-31011
19	Hose 3/8" x 72", 3/8" NPT STM x 3/8" NPT STM	2	70060-04164
20	Dust cap	2	70060-01725
21	Male quick coupler (PARKER).....	2	70060-04154
22	Red plastic ring (identification)	2	70060-01726
	Blue plastic ring (identification)	2	70060-01727
23	Cotter pin 5/32" dia. x 1" lg.	1	75599-53193
24	Chain	1	70060-01406
25	Pin 5/16" dia. x 1" lg.	1	75599-51220
26	Flow restrictor	1	70060-03838
27	Elbow 90 deg.	2	70060-00914

PART LIST

HYDRAULIC LIFT CYLINDER (70060-04263)

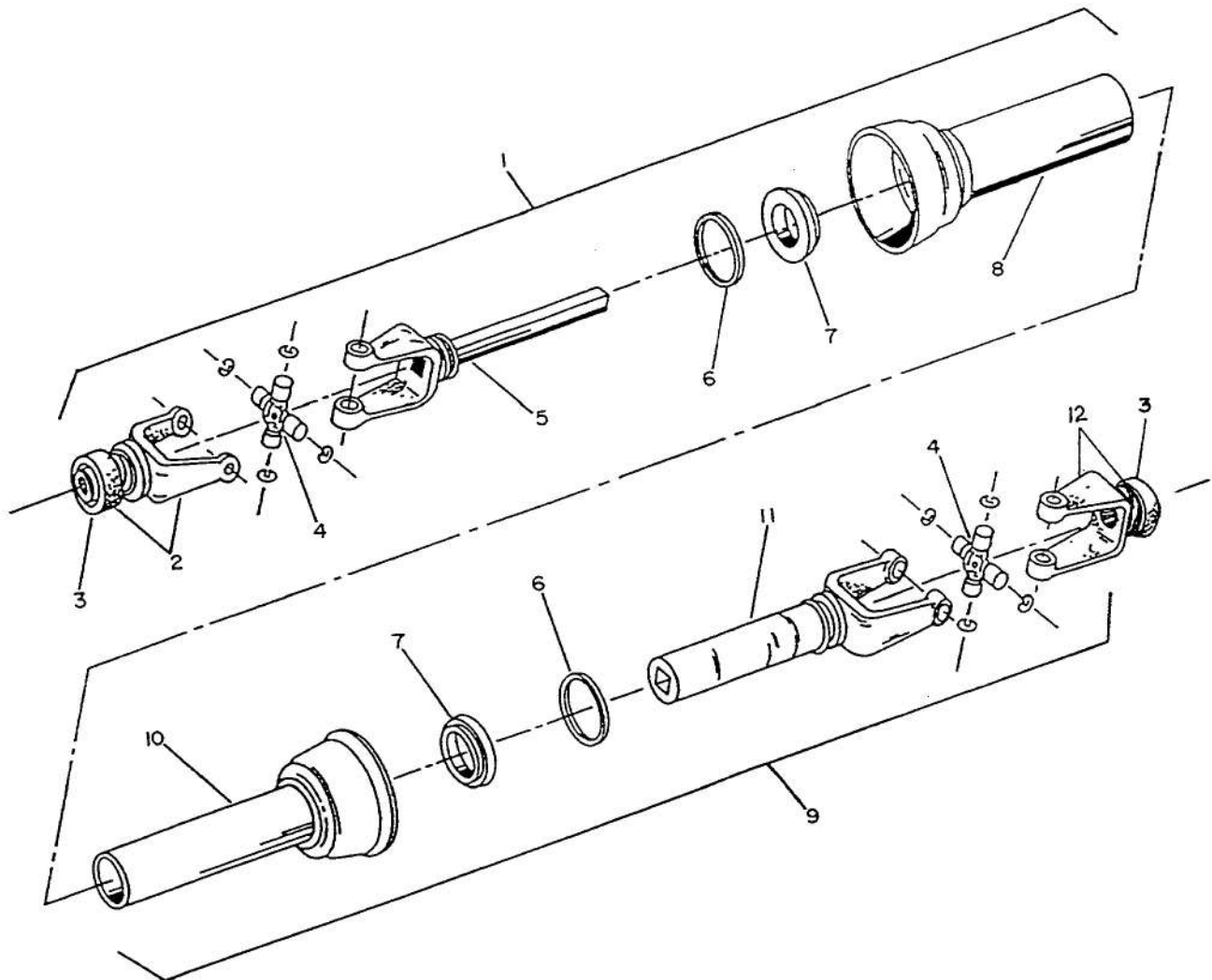
REFERENCE	DESCRIPTION	QTY	PART #
1	Rod	1	70060-03853
2	Rod wiper.....	1	70060-01628
3	Seal.....	1	70060-01629
4	Cap	1	70060-01630
5	Back-up ring	1	70060-01260
6	O-ring	1	70060-01261
7	Teflon piston ring	1	70060-01632
8	O-ring	1	70060-01631
9	O-ring	1	70060-01622
10	Piston	1	70060-01633
11	Nut	1	70060-01624
12	Cylinder tube	1	70060-04264
13	Grease fitting (1/4"NF, 90deg.)	2	70060-01627
	Seal kit	1	70060-03855



PART LIST

DRIVELINE ASSEMBLY (70060-04048)

REFERENCE	DESCRIPTION	QTY	PART #
1	Driveline male portion	1	70060-01783
2	Quick disconnect yoke assembly (15 splines)	1	70060-01487
3	Spring lock yoke repair kit	1	70060-01478
4	Universal joint kit	2	70060-01020
5	Yoke and male shaft assembly	1	70060-01484
6	Bearing retainer	2	70060-01479
7	Nylon bearing	2	70060-01480
8	Outer shield	1	70060-01483
9	Driveline female portion	1	70060-04123
10	Inner shield	1	70060-01481
11	Yoke and female shaft assembly	1	70060-01246
12	Quick disconnect yoke assembly (10 splines)	1	70060-01482



PART LIST

DRIVELINE MALE PORTION (70060-03886)

REFERENCE	DESCRIPTION	QTY	PART #
1	Driveline male portion	1	70060-03886
2	Quick disconnect yoke assembly	1	70060-01487
3	Spring lock yoke repair kit	1	70060-01478
4	Universal joint kit	1	70060-01020
5	Yoke and male shaft assembly	1	70060-03887
6	Bearing retainer	1	70060-01479
7	Nylon bearing	1	70060-01480
8	Outer shield	1	70060-03888

