

**NAME: LIFTABLE REAR HITCH -  
8000 SERIES TRACTORS**

**PART NUMBER(S): 24487**

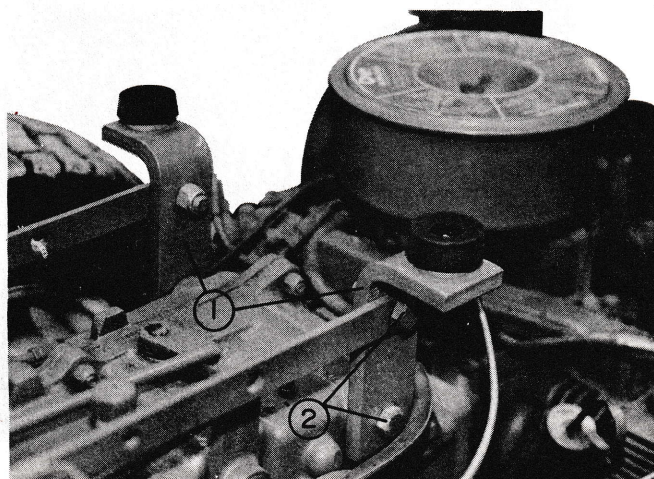
These Set-Up Instructions give the procedure for installing the Liftable Rear Hitch. All reference to right side, left side, front and rear are given from the operator's position. Tighten the bolts used to install the Liftable Rear Hitch to the torque given in the Bolt Torque Specifications unless shown differently.

BOLT SIZE	BOLT TORQUE SPECIFICATIONS	
	FOOT POUNDS (ft. lbs.)	NEWTON METERS (N.m)
1/4"	7	9.5
5/16"	14	19
3/8"	25	34
7/16"	40	54
1/2"	60	82
9/16"	83	113
5/8"	120	163
3/4"	200	271

## 1.0 PROCEDURE FOR INSTALLING THE CROSS SHAFT

This section gives the procedure for installing the Cross Shaft.

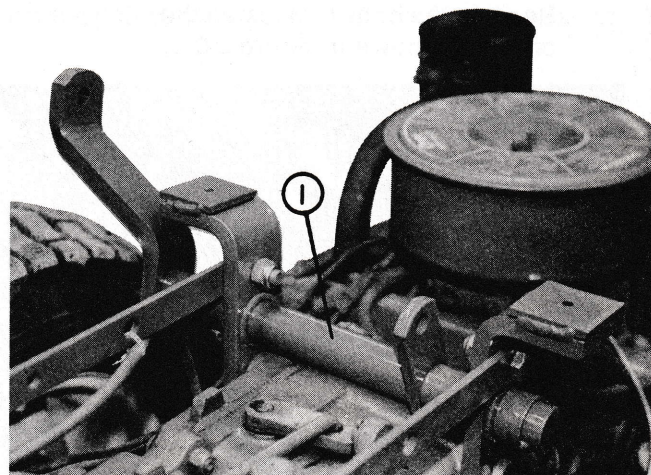
1. Remove the bolts that fasten the rear fender supports to the tractor. See figure 1.0-1.



1 - Rear Fender Supports  
2 - Bolts

Figure 1.0-1

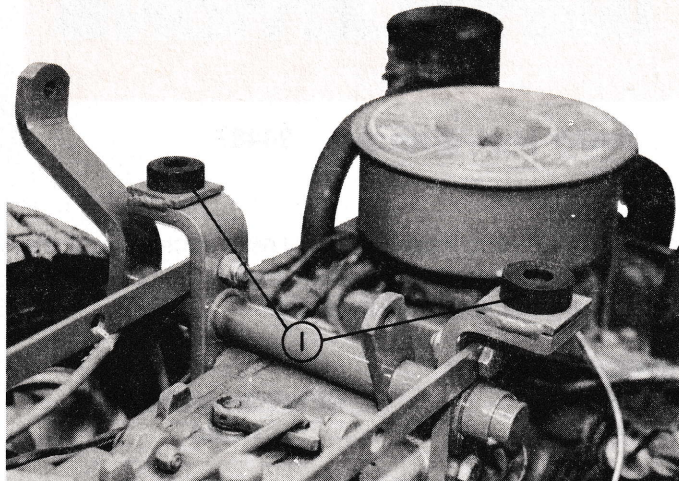
2. Fasten the Cross Shaft to the tractor with the bolts that were removed in step 1 as shown in figure 1.0-2.



1 - Cross Shaft

Figure 1.0-2

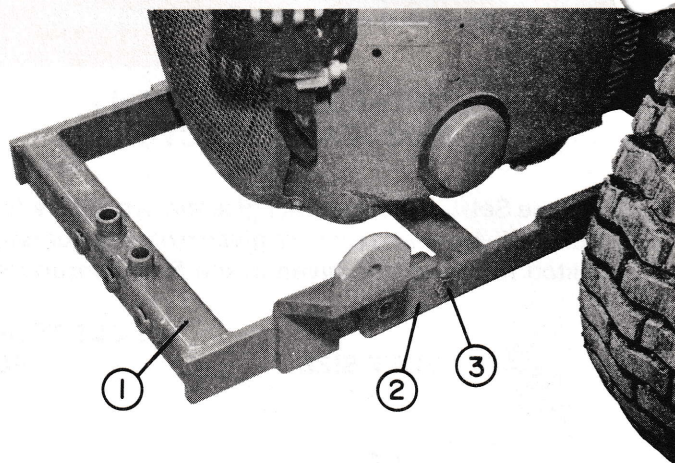
- Put a flat washer in the large hole in the seat bumpers and fasten the seat bumpers to the Cross Shaft with the 1/4" x 1-1/4" bolts and lock nut and shown in figure 1.0-3.



1 - Seat Bumpers

Figure 1.0-3

- Fasten the rear hitch to the draw bar with the 1/2" x 1-3/4" bolts, bushing, flat washers and 1/2" lock nuts as shown in figure 2.0-2. Put the bushings in the holes in the rear hitch and the flat washer between the bushing and nut.



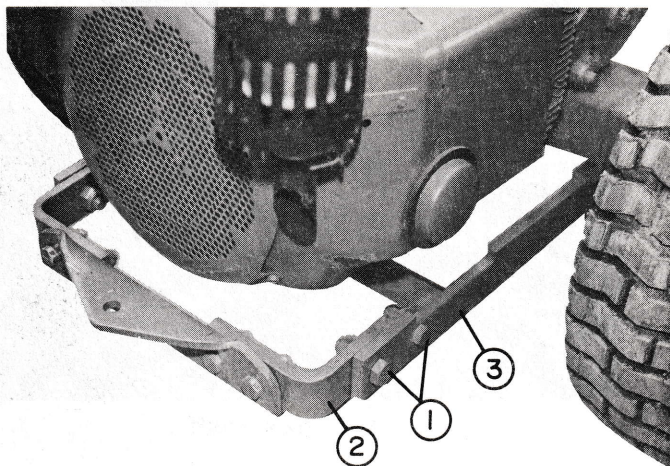
1 - Rear Hitch  
2 - Draw Bar  
3 - Bolts

Figure 2.0-2

## 2.0 PROCEDURE FOR INSTALLING THE REAR HITCH

This section gives the procedure for installing the Rear Hitch.

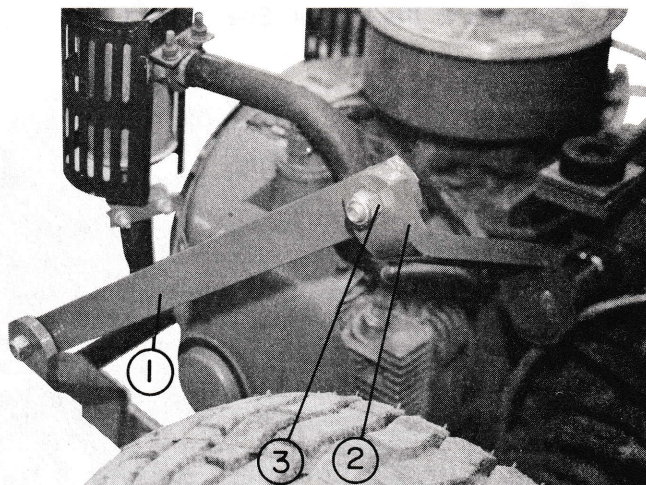
- Remove the bolts that fasten the hitch plate to the draw bar shown in figure 2.0-1.



1 - Bolts  
2 - Hitch Plate  
3 - Draw Bar

Figure 2.0-1

- Fasten the rear hitch strap to the cross shaft of the 1/2" x 2" bolts, bushing, flat washer and 1/2" lock nut as shown in figure 2.0-3. Put the bushing in the hole in the rear hitch strap and a flat washer between the bushing and bolt head. The nut must be to the outside as shown.



1 - Rear Hitch Strap  
2 - Cross Shaft  
3 - Nut

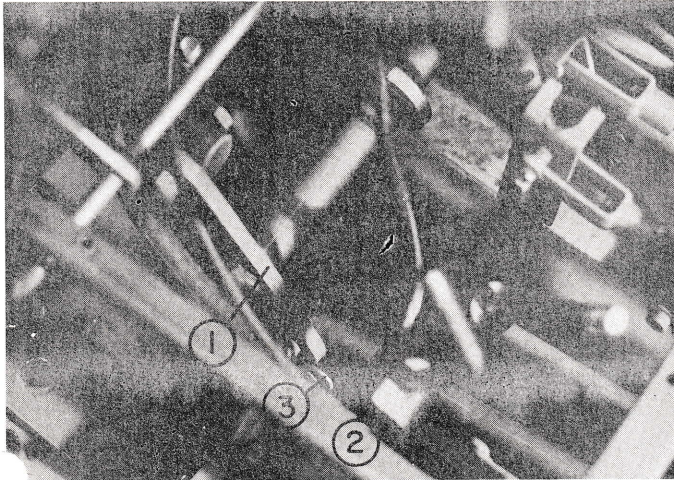
Figure 2.0-3

4. Fasten the rear hitch strap to the rear hitch with the 1/2" x 1-3/4" bolt, bushing, flat washer and 1/2" nut as shown in figure 2.0-3. Use the same procedure as described in step 3.

### 3.0 PROCEDURE FOR CONNECTING THE LIFT ROD

This section gives the procedure for connecting the Lift Rod.

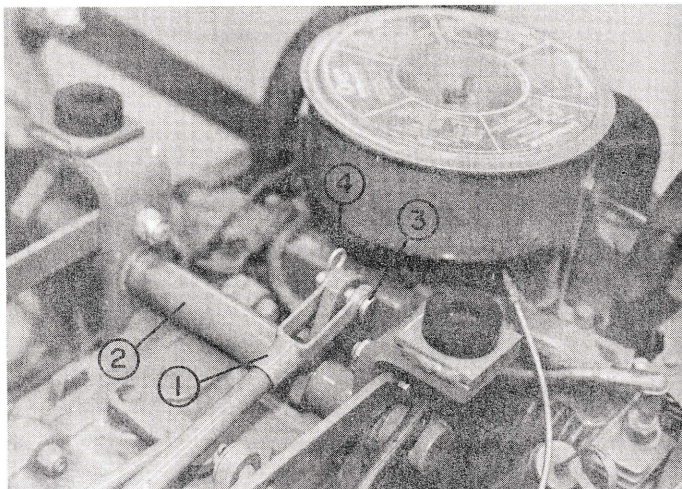
1. Put the end of the lift rod in the rear hole of the tractor lift and fasten with the hitch pin as shown in figure 3.0-1.



- 1 - Tractor Lift
- 2 - Lift Rod
- 3 - Hitch Pin

Figure 3.0-1

2. Connect the adjustable yoke to the cross shaft with the clevis pin and hitch pin as shown in figure 3.0-2.



- 1 - Adjustable Yoke
- 2 - Cross Shaft
- 3 - Clevis Pin
- 4 - Hitch Pin

Figure 3.0-2

### 4.0 PROCEDURE FOR ADJUSTING THE LIFTABLE REAR HITCH

This section gives the procedure for adjusting the Liftable Rear Hitch.

1. Put the tractor lift in the raised position and disconnect the adjustable yoke from the cross shaft shown in figure 3.0-2.
2. Lower the rear fender of the tractor. Lift the rear hitch up until there is 1 inch (2.54 cm) distance between the rear hitch strap and the rear fender.
3. Hold the rear hitch strap in position and turn the adjustable yoke until it can be reconnected to the cross shaft without the cross shaft being moved.

