

**SP9970**  
**Common Carrier Unloading Instructions**  
**FORM 0378**

***AMADAS***

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**Form 0377**  
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## Unloading the SP9970 Self-Propelled Combine from a Commercial Carrier

Follow these instructions to unload the SP9970 combine from a commercial carrier safely and correctly:

### CAUTION

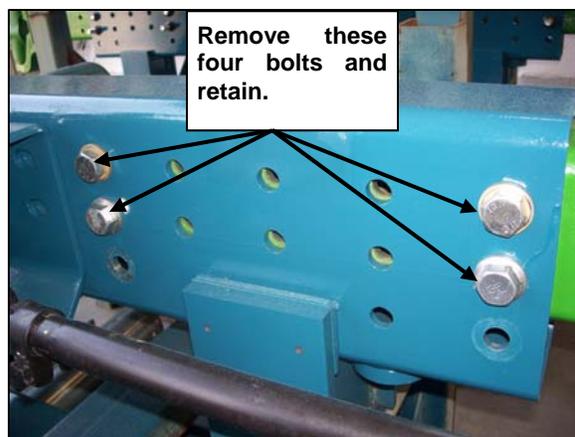
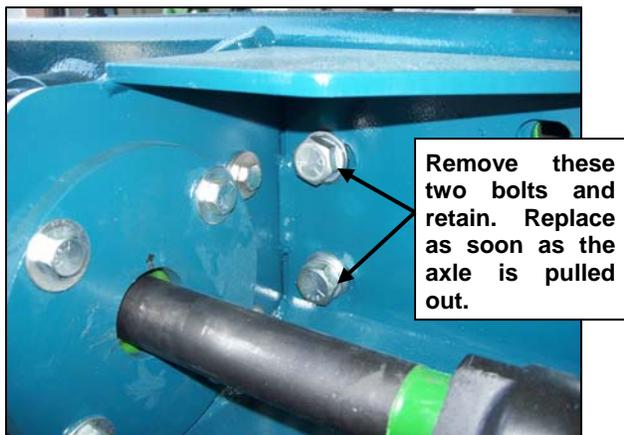
Safe lifting is essential! Use a fork lift as indicated by the weight of combine components.

Follow all safety warnings and recommendations indicated on the combine's decals.

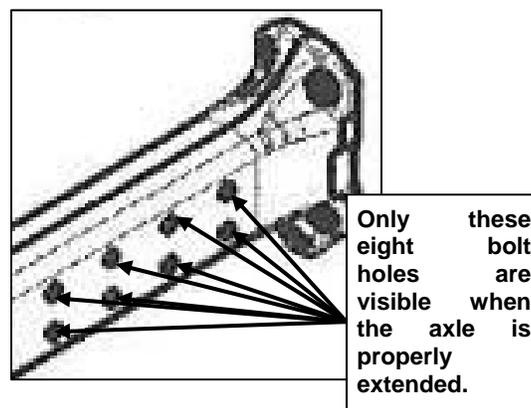
Attach one wheel at a time. If you start with the rear, make sure both rear wheels are installed before moving to the front. If you choose to install the front wheels first, make sure both wheels are attached before starting on the rear wheels.

### Attach Rear Wheels

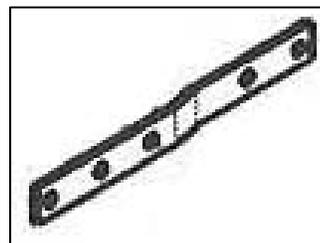
1. On one side of the rear of the combine, remove the bolts holding the axle in place as indicated in the photo. Keep these bolts as they will be reused.



2. Using a forklift, pull the axle out until eight bolt holes show as in the drawing below.



3. Replace the two bolts indicated in the first photo in Step 1.
4. Locate the rear axle lap plate. It will be stored in the trough behind the cab and is shaped like the drawing:



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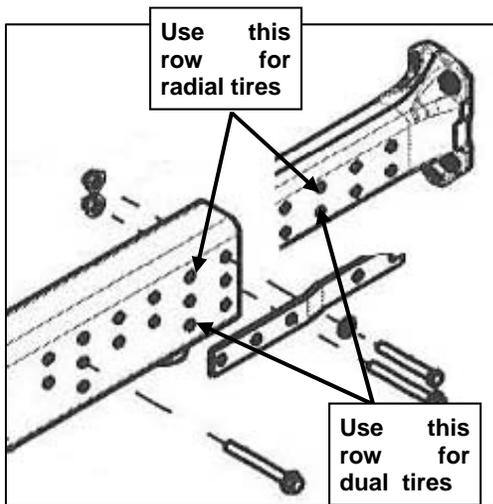
- From the bolts that are in the cab, locate a bag with the following:

Four (4) M20x2.5x150 hex head cap screws (part # G11501756).

Four (4) M20x2.5 hex flange (part # G11505957)

- Using the drawing below, line the rear axle lap plate up with the bolt holes and fasten using bolts listed above, as well as the bolts originally removed from the axle to extend it. Use the shorter bolts to fasten the axle parts only and the longer bolts to fasten the plate to the axle parts.

**IMPORTANT!** If radial tires are to be installed, use the top row of bolt holes. If dual tires will be installed, use the bottom row of bolt holes.



- Torque the fasteners to 400 ft-lbs.

**IMPORTANT!** Torque the axle fasteners BEFORE installing the tire.

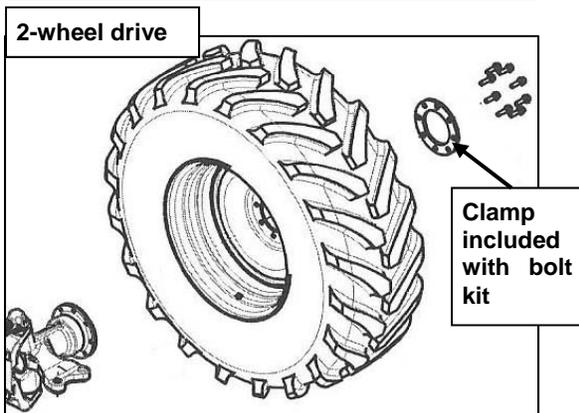
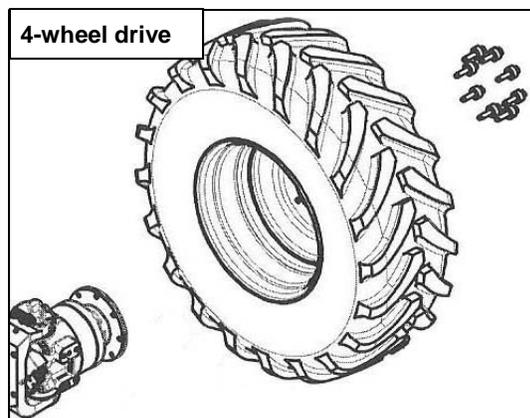
- Using a fork lift, lift the left/right tire (as applicable) and attach to the assembly. Fasten the bolts included in one of the

bolt kits for the rear tires included in the cab.

**IMPORTANT!** The two photos below show the difference in the 4-wheel drive and 2-wheel drive assemblies. The two drawings on the next page show the 4-wheel and 2-wheel drive assemblies and tires. Note that the 2-wheel drive tire includes a clamp, which should be located with the bolt kit.



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9. Torque wheel bolts according to John Deere specifications:

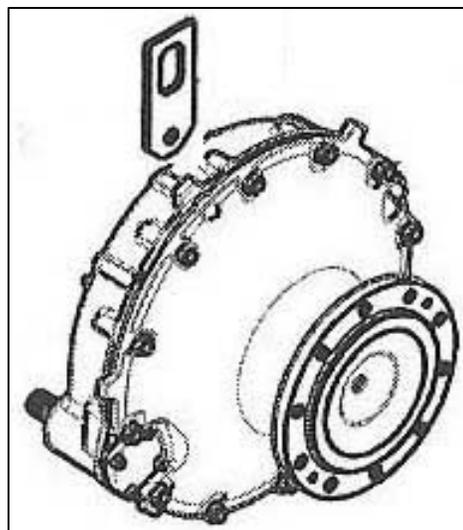
Dual wheels 150 ft-lb plus  $\frac{1}{4}$  turn  
Radial wheels 150 ft-lb plus  $\frac{1}{4}$  turn

10. Repeat Steps 1-8 for the other side of the combine.

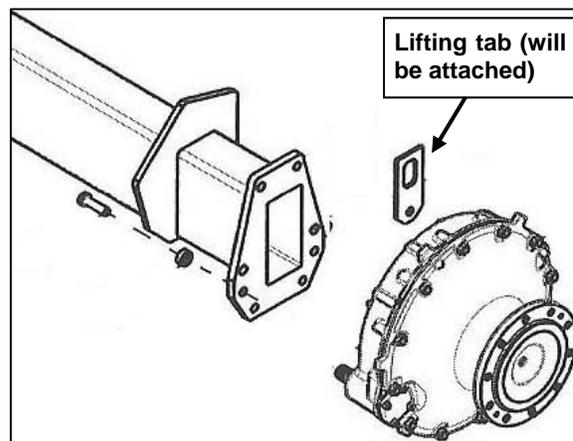
### Attach Front Wheels

On one side of the combine:

1. Locate the heavy duty drive for the wheel. It will be lying flat on the truck bed.

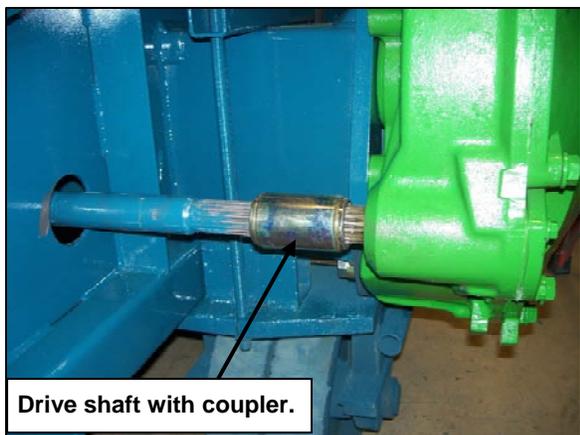


2. Using a fork lift, lift the drive by the tab that has been attached to the drive (shown in the sketch NOT attached) and set the drive in place on the axle.



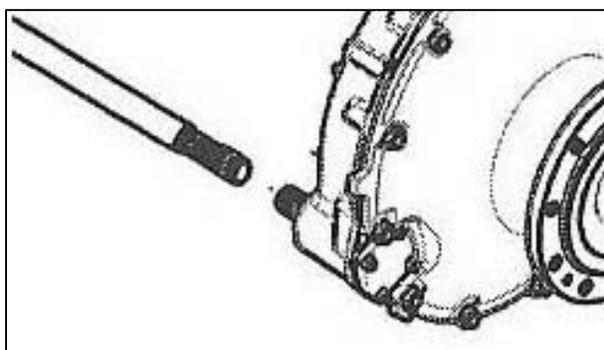
3. Make sure the drive shaft is correctly positioned when the drive is set in place. The coupler needed to connect the two pieces will be stored in the bay. Note that the coupler appears blue in the photograph but is actually shiny brass.

# Unloading the SP9970 Self-Propelled Combine From a Commercial Carrier

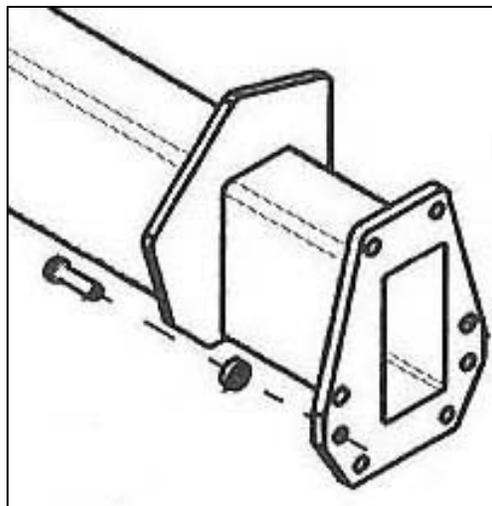


Six (6) M24x80 bolts (part # J19M7889)  
Six (6) Spacers (part # JH163561)

7. Use the bolts and spacers as shown in the drawing to fasten the drive to the axle flange. Note that in addition to the six bolt holes, there are two holes containing rods to assist in lining up the two parts.

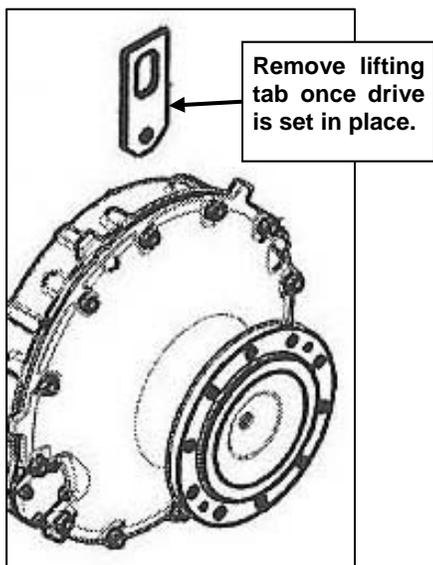


4. Remove the bolt holding the lifting tab in place. .

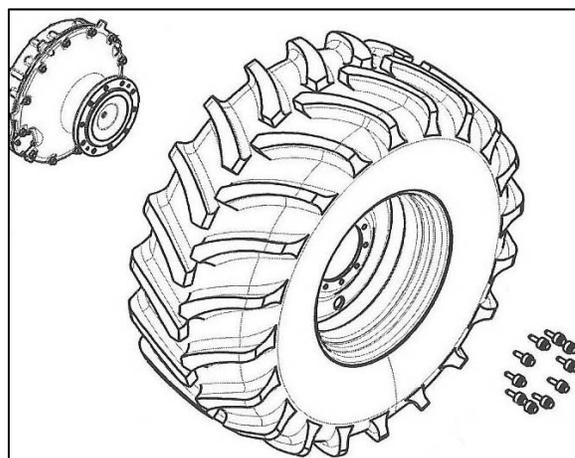


8. Torque bolts to 400 ft-lbs.

**IMPORTANT!** Torque the drive fasteners **BEFORE** installing the tire.



9. Using a fork lift, lift one of the front tires and set it into place on the drive.



5. Reinstall the bolt that held the lifting tab in the drive. The tab may be discarded.
6. Locate the bolt kit in the cab. Remove:

10. Locate one of the front tire bolt kits (part # JAH163030). Each kit contains:

Ten (10) Hex flange special pilot screws (part # JH210201)

Ten (10) Front wheel bolt spacers (part # JH134114)

11. Use the fasteners to install the tire.
12. Follow John Deere specs to torque the tire screws: 150 ft-lbs plus  $\frac{1}{4}$  turn

**NOTE!** To install dual tires, please refer to the Dual Kit manual included with the bolt kits.

## Unload the SP9970

After all four tires are properly installed and torqued, unload the combine according to these directions:

1. Lower the bed of the truck until the tires of the combine are fully in contact with the ground and the combine itself is no longer resting on the truck bed.
2. Carefully drive the combine off of the bed of the truck.