

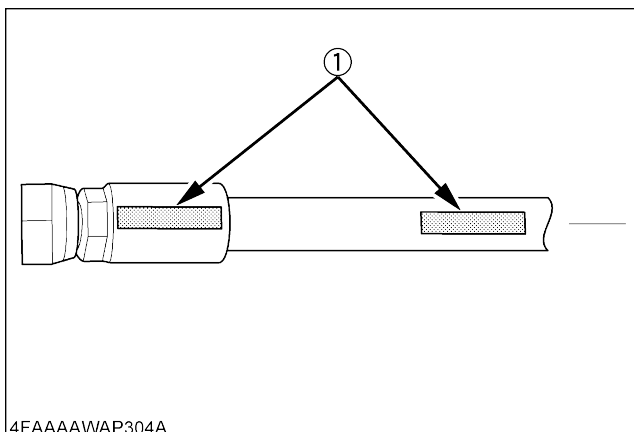
## TRACTOR PREPARATION

Park the tractor on a firm level surface. Stop the engine.

## BEFORE ASSEMBLY

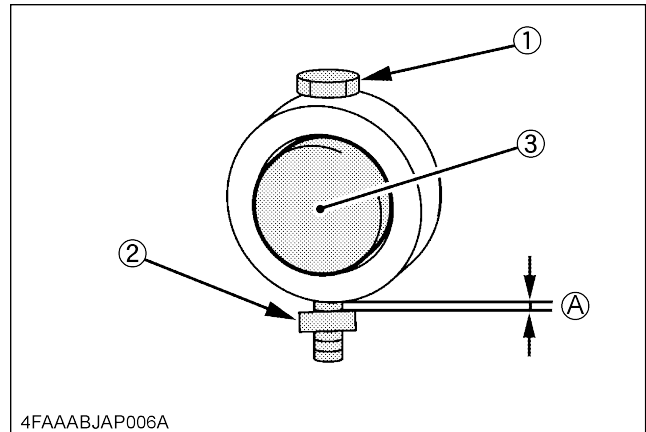
### IMPORTANT :

- Before assembling the hardware (bolts, adapters, hoses, etc.), ensure all contaminants (grease, grit, dust, etc.) are removed from the threads and all mating surfaces (Tractor, Main Frames, etc.). If oil or contamination has adhered, clean off thoroughly before assembling (by using contact cleaner, scrapers, etc.). If oil or contamination remains on the threads, it may lead to damaged threads and the loosening of hardware and/or parts.
- For the tightening torque, see the tables at the end of this manual. If the torque values are specified in the text, follow that specification.
- Do not tighten any bolts firmly until most components are attached to the tractor.
- Before tightening all mounting hardware, start the engine and apply down pressure with the bucket until the loader takes the tractor weight off the front wheels without lifting the front wheels off of the ground. Make sure that the mounting pins can be rotated easily (Pin on mount), or the Swift-Tach hooks can be unlocked easily (Swift-Tach mount). Torque all bolts and nuts in this position.
- During assembly of all hydraulic parts make sure parts remain clean of contamination. If contamination occurs, it could affect the performance of the hydraulic system.
- When using the tapered adapters, wrap the seal tape around the thread part 2 or 3 times. At this time, ensure all contaminants are removed from the threads.
- To avoid damage to hoses, adjust all connections to route hoses away from sharp edges and do not twist hoses.
- The part number of the hose is marked on the hose fitting, or located on the hose.



(1) Part number  
(Marked on either position)

- When fixing the pin with the bolt and nut, do not tighten the nut completely as shown. The clearance between the boss and the nut should be 2 to 3 mm (0.08 to 0.12 in.).



(1) Bolt  
(2) Nut  
(3) Pin

(A) 2 to 3 mm (0.08 to 0.12 in.)

- When applying label:
  - (1) Clean off all contaminants (dust, oil, grease, etc.) from surface before applying label.
  - (2) Do not use the cotton work gloves or touch the label adhesive surface with your hand.
- Assemble on a hard surface, preferably concrete.

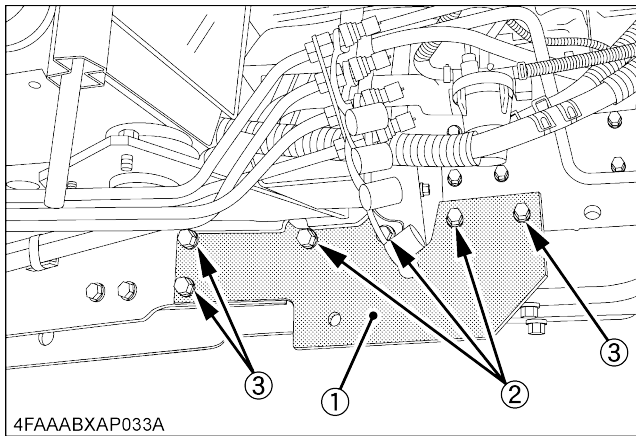
## ASSEMBLING LOADER KIT

### ■ Main Frames

#### IMPORTANT :

- Before attaching the main frames, ensure all contaminants (grease, grit, dust, etc.) are removed from the threads and all mating surfaces. If oil or contamination has adhered, clean off thoroughly before assembling (by using contact cleaner, scrapers, etc.). If oil or contamination remains on the threads, it may lead to damaged threads and the loosening of hardware and/or parts.

1. Remove the sub frame bracket from the tractor.

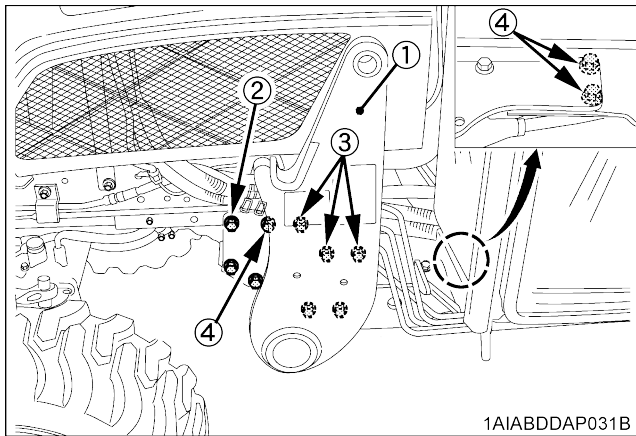


- (1) Sub frame bracket  
(2) 3-M12 bolts  
(3) 3-M14 bolts

**NOTE :**

- Reuse the bolts fastening the sub frame bracket.

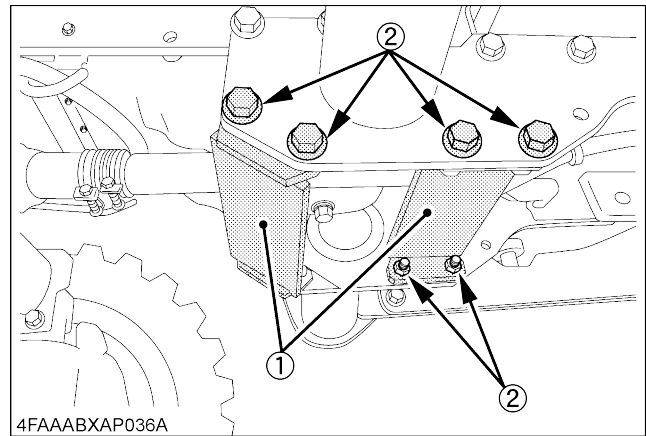
2. Attach the main frame to the tractor.



- (1) Main frame  
(2) 1-M14 bolt  
1-M14 spring lock washer  
(3) 3-M12 bolts (pitch 1.75) (Original)  
3-M12 spring lock washers (Original)  
(4) 3-M14 bolts (pitch 1.75) (Original)  
3-M14 spring lock washers (Original)

(2) (4)	Tightening torque	124 to 147 N·m (12.6 to 15.0 kgf·m) (91.5 to 108.4 lbf·ft)
(3)	Tightening torque	80.0 to 90.0 N·m (8.2 to 9.2 kgf·m) (59.0 to 66.4 lbf·ft)

3. Attach the main frame connector as shown.



- (1) Main frame connector  
(2) 8-M14 bolts  
8-M14 spring lock washers

Tightening torque	124 to 147 N·m (12.6 to 15.0 kgf·m) (91.5 to 108.4 lbf·ft)
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**NOTE :**

- Do not tighten until all components are assembled.