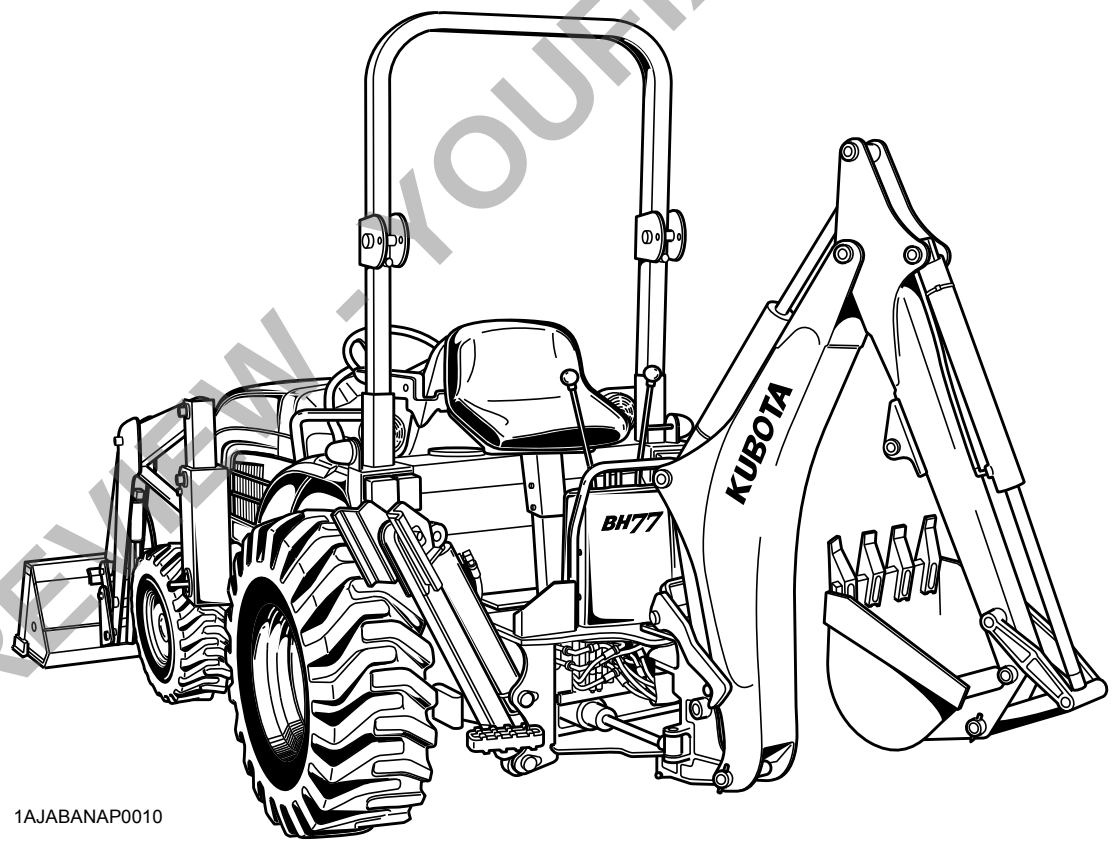
ASSEMBLY INSTRUCTIONS

MODEL BH77



1AJABANAP0010

READ AND UNDERSTAND THIS MANUAL BEFORE ASSEMBLING

Kubota

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TO THE DEALER

1. This manual contains procedures intended to assist the dealer in unpacking and assembling the product before delivering to the customer.
   The customer's purchase is based on confidence in both the product and your store. Observe the procedures in this manual to assemble and adjust equipment for your customer's safety and satisfaction. When fully assembled, check function of each part and feature.
2. The following safety alert symbol marks and indications are found throughout this manual in steps where particular attention is required so as to ensure your safety and to avoid product damage. Observe the instructions in these warnings where indicated.

⚠ **DANGER**	**Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.**
⚠ **WARNING**	**Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.**
⚠ **CAUTION**	**Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.**
IMPORTANT :	Indicates that equipment or property damage could result if instructions are not followed.
NOTE :	Gives helpful information

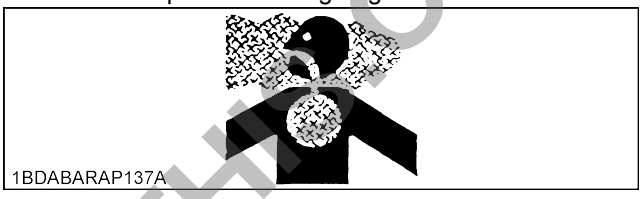
SAFETY

To prevent accidents, read through the following items before starting work, and always regard safety when working. It is your responsibility to ensure your safety on the job.

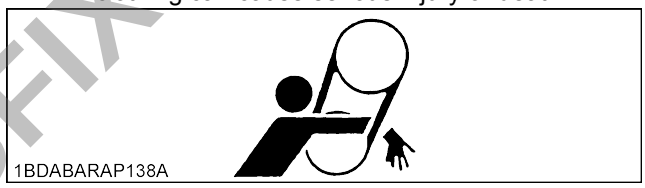
1. Preparations

(1) Select a work site which is level, has sufficient space, and is not close to dangerous objects.

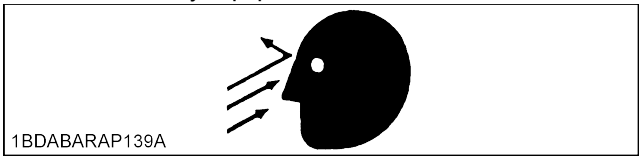
(2) Avoid poorly ventilated rooms. Asphyxiation from exhaust fumes is always a possibility that accompanies running engine.


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(3) Working clothes which may be pinched or caught in the equipment must not be worn. Loose clothing can cause serious injury or death.


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(4) Always wear a mask and protective goggles during work when dust or flying debris may be thrown by equipment.

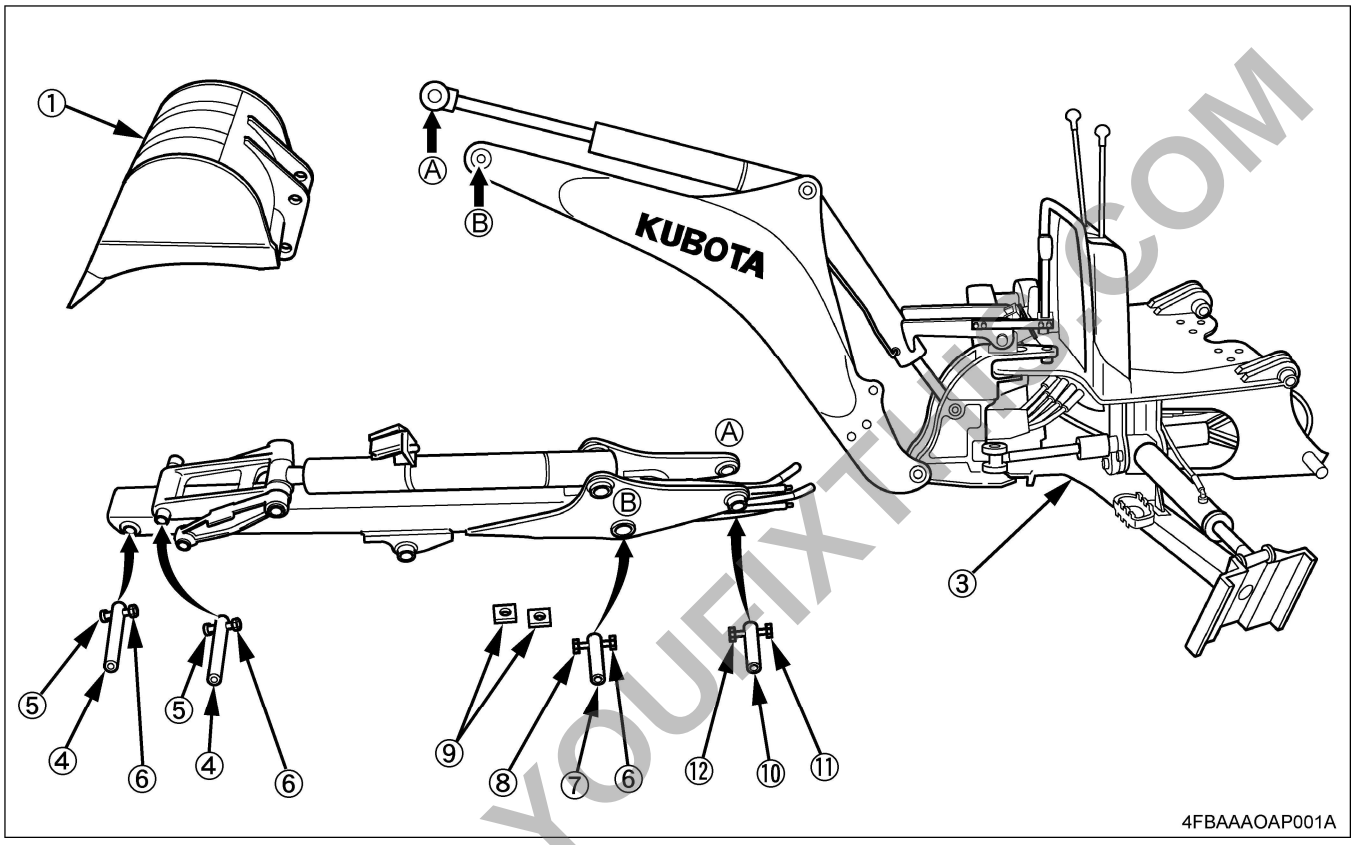

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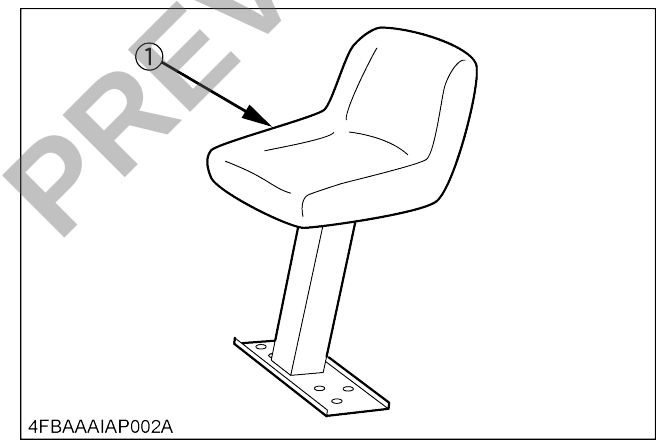
■CHECKING PARTS

Remove all backhoe components. Referring to the illustration, ensure that all components have been included.



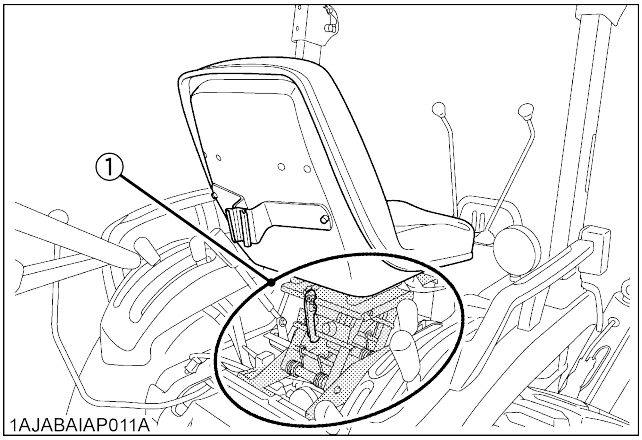
(1) Backhoe bucket
(2) Dipperstick (arm) assy
(3) Main frame-Boom assy
(4) Pin (24.9 x 157)
(5) Hex. bolt (M10 x 55)
(6) Locking nut (M10)
(7) Pin (29.9 x 202)
(8) Hex. bolt (M10 x 65)
(9) Spacer
(10) Pin (24.9 x 137)
(11) Hex. bolt (M6 x 50)
(12) Locking nut (M6)

◆ Seat assy
[BH4972, BH4975B, BH4976A, BH4996A, BH4988]



(1) Seat assy

◆ Seat support
[BH4962, BH4963, BH4984]



(1) Seat support

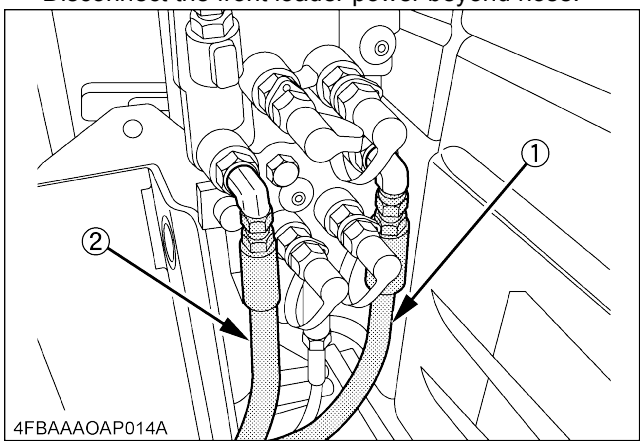
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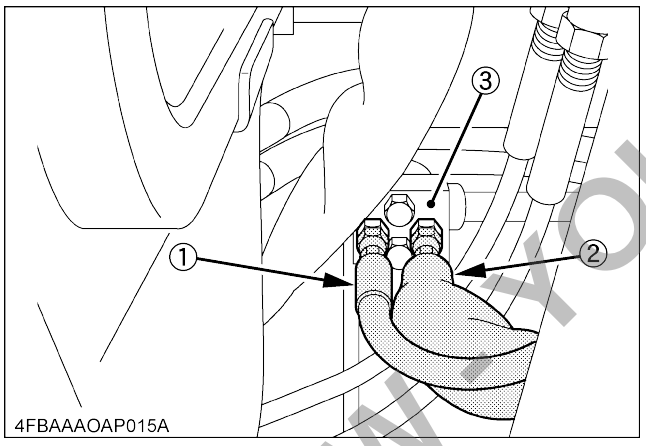
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■Hydraulic Line

[BH4972]

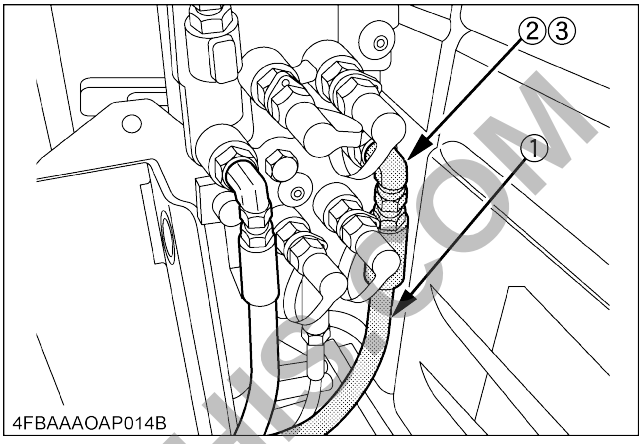
1. To replace the front loader power beyond hose (1), disconnect the front loader inlet hose (2) from the hydraulic block.
   Disconnect the front loader power beyond hose.

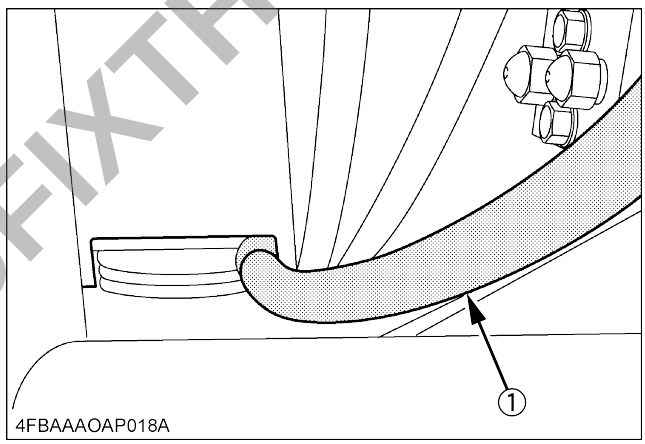




(1) Front loader power beyond hose
(2) Front loader inlet hose
(3) Hydraulic block

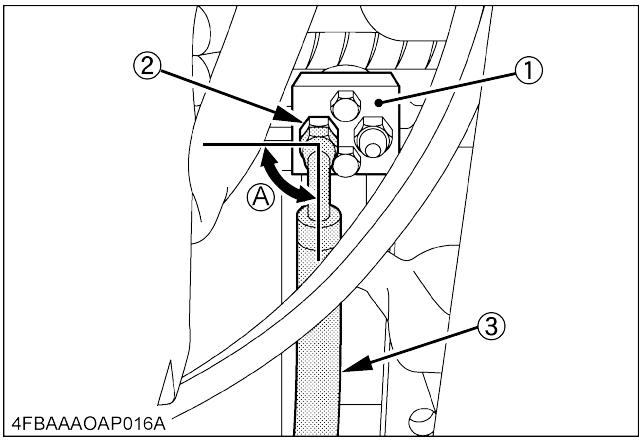
2. Connect the backhoe inlet hose to the power beyond port (c) adapter.
   Route the backhoe inlet hose as shown below.





(1) Backhoe inlet hose
(2) Power beyond port (C)
(3) Adapter

3. Connect the backhoe outlet hose to the power beyond port (c) of the hydraulic block at the specified angle.



(1) Hydraulic block
(2) Power beyond port (C)
(3) Backhoe outlet hose
(A) 90°

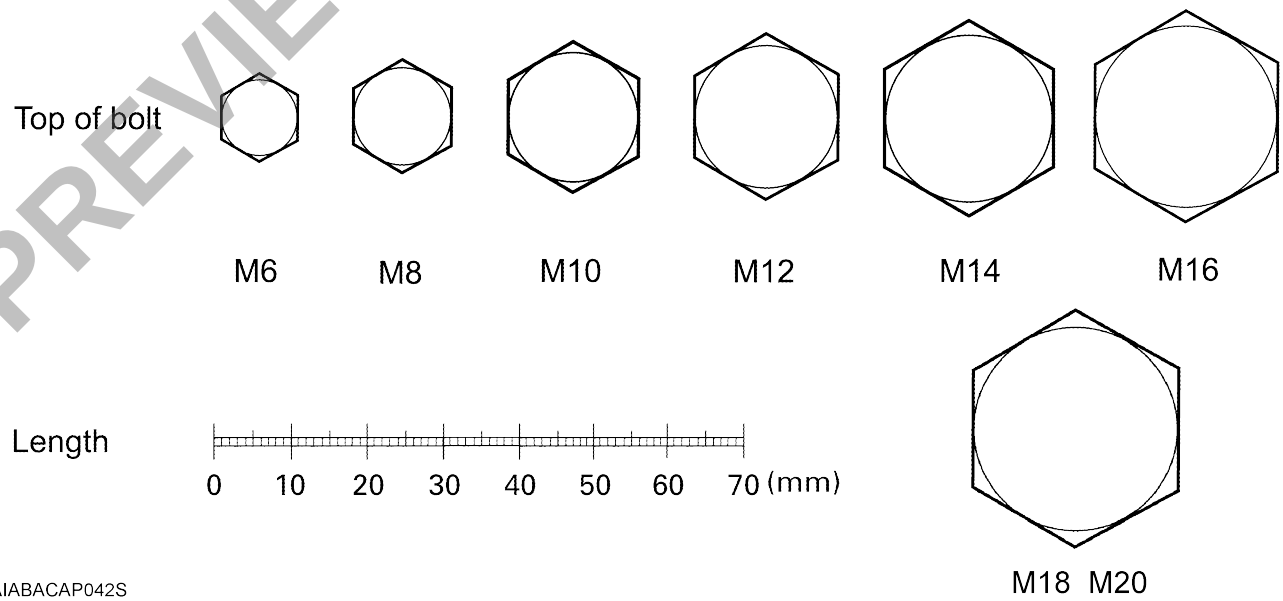
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TIGHTENING TORQUE OF BOLTS AND NUTS

■General Torque Specification

American standard screws, bolts and nuts with UNC or UNF threads				Metric cap screws 8.8		
SAE grade No.		SAE GR.5	SAE GR.8	property class		8.8 Approx. SAE GR 5
1/4	(N-m) (kgf-m) (ft-lbs)	11.7 to 15.8 1.19 to 1.61 8.6 to 11.6	16.3 to 19.8 1.66 to 2.02 12.0 to 14.6	M6	(N-m) (kgf-m) (ft-lbs)	9.8 to 11.2 1.0 to 1.1 7.2 to 8.3
5/16	(N-m) (kgf-m) (ft-lbs)	23.1 to 27.8 2.35 to 2.83 17.0 to 20.5	32.5 to 39.3 3.31 to 4.01 24.0 to 29.0	M8	(N-m) (kgf-m) (ft-lbs)	23.6 to 27.4 2.4 to 2.8 17.4 to 20.2
3/8	(N-m) (kgf-m) (ft-lbs)	47.5 to 57.0 4.84 to 5.81 35.0 to 42.0	61.0 to 73.2 6.22 to 7.46 45.0 to 54.0	M10	(N-m) (kgf-m) (ft-lbs)	48.1 to 55.8 4.9 to 5.7 35.5 to 41.2
1/2	(N-m) (kgf-m) (ft-lbs)	108.5 to 130.2 11.06 to 13.28 80.0 to 96.0	149.2 to 179.0 15.21 to 18.25 110.0 to 132.0	M12	(N-m) (kgf-m) (ft-lbs)	77.5 to 90.1 7.9 to 9.2 57.2 to 66.5
9/16	(N-m) (kgf-m) (ft-lbs)	149.2 to 179.0 15.21 to 18.25 110.0 to 132.0	217.0 to 260.4 22.13 to 26.55 160.0 to 192.0	M14	(N-m) (kgf-m) (ft-lbs)	124 to 147 12.6 to 15.0 91.5 to 108.4
5/8	(N-m) (kgf-m) (ft-lbs)	203.4 to 244.1 20.74 to 24.89 150.0 to 180.0	298.3 to 358.0 30.42 to 36.51 220.0 to 264.0	M16	(N-m) (kgf-m) (ft-lbs)	196 to 225 20.0 to 23.0 145 to 166
				M18	(N-m) (kgf-m) (ft-lbs)	275 to 318 28.0 to 32.5 203 to 235
				M20	(N-m) (kgf-m) (ft-lbs)	368 to 431 37.6 to 44.0 272 to 318



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OPERATION

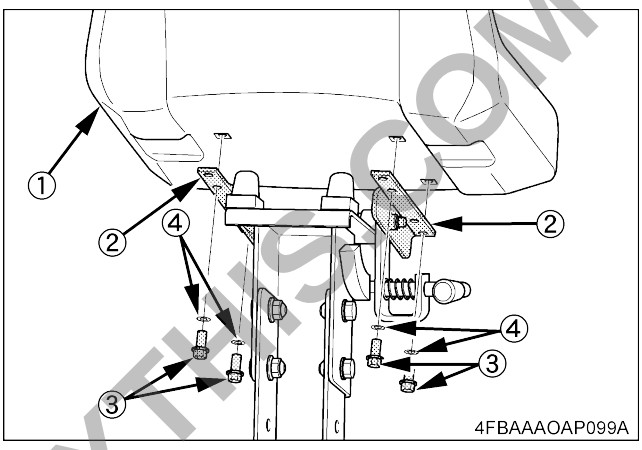
1. The BH77 backhoe is approved for use on:
   - B3200 and B3300SU tractor(s) with foldable ROPS, LA504 Loader and BH4984 mount kit.
   - B2650 and B3350 tractors with CAB, LA534 Loader and BH4973 mount kit.
   - B2650 and B3350 tractors with foldable ROPS, LA534 Loader and BH4962 mount kit.
   - B3350SU tractor with foldable ROPS, LA534 Loader and BH4963 mount kit.
   - B2630 and B3030 tractors with foldable ROPS, LA403 Loader and BH4975B mount kit.
   - B3000 tractor with CAB, LA403 Loader and BH4972 mount kit.
   - L2800, L3400 and L3700SU tractors with rigid and foldable ROPS, LA463 Loader and BH4976A mount kit.
   - L3200, L3800, L2501, L3301 and L3901 tractors with foldable ROPS, LA524 or LA525 Loader and BH4988 mount kit.
   - L3240 and L3540 tractors with rigid and foldable ROPS, LA514 or LA724 Loader and BH4996A mount kit.
   - L3240-3 and L3540-3 tractors with foldable ROPS, LA514 or LA724 Loader and BH4986 mount kit.
   - L3560 tractor with foldable ROPS, LA555 or LA805 Loader and BH4985 mount kit.
2. When using other implements with the backhoe removed, mount the 3-point linkage to the tractor.
3. Removal and reinstallation of the backhoe sub frame should be performed by your KUBOTA dealer.
4. Save the 3-point linkage components when they are removed.

◆ **Operating seat**

1. [S] Attach the operating seat to the seat link. Tighten the bolts by the correct tightening torque.

IMPORTANT :

- When backhoe is attached to B2650, B3350 and B3000, use the anterior holes of seat link by necessity.



(1) Seat
(2) Seat link
(3) 4 - 5/16 UNC x 80 bolts (75599-01220)
(4) 4 - spring washers (04512-50080)
Tightening torque: 7.5 to 10.7 N-m
(0.8 to 1.1 kgf-m, 5.5 to 7.9 ft-lbs)

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REMOVING THE BACKHOE

■Removal of The Backhoe

CAUTION

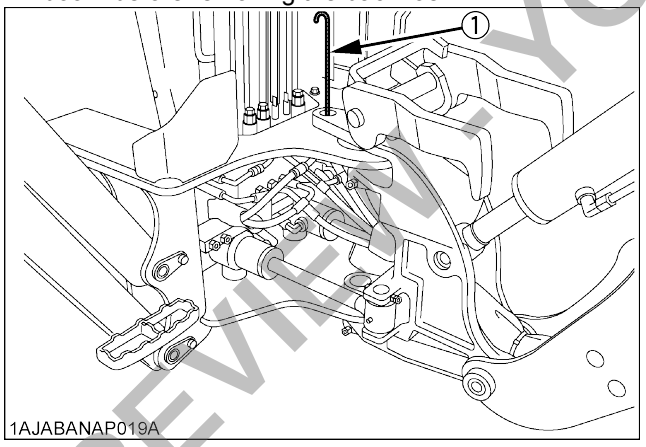
To avoid personal injury:

- **When starting the engine, always sit in the tractor operator's seat.**
- **When getting off the tractor, make sure that PTO lever is off and range gear shift lever is in neutral. Then set the parking brake.**
- **Keep hands, feet and body from between tractor and backhoe. Never allow any part of body under the machine.**
- **When leaving the backhoe operator's seat, fully lower the boom to the ground.**
- **When removing the backhoe set the swing lock pin.**

IMPORTANT :

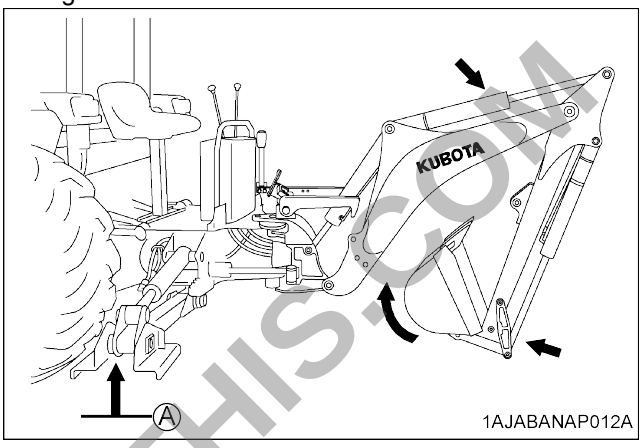
- When removing the backhoe, set the engine speed to low idle.
- For removing the backhoe, locate the tractor / loader / backhoe on a flat level and hard surface, preferably concrete.
  If the surface is soft, place a board on the ground for the bucket and stabilizers.

1. Set the swing lock pin to prevent the pivoting of the boom before removing the backhoe.



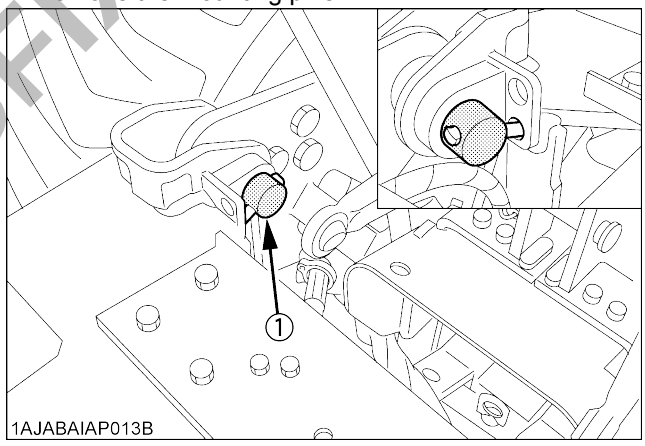
(1) Swing lock pin

2. Stand beside the rear tire, fully close the dipperstick, curl the bucket and lower the boom until the back of bucket contacts the ground.
3. Keep the stabilizer pads at about 380 mm (15 inches) high.



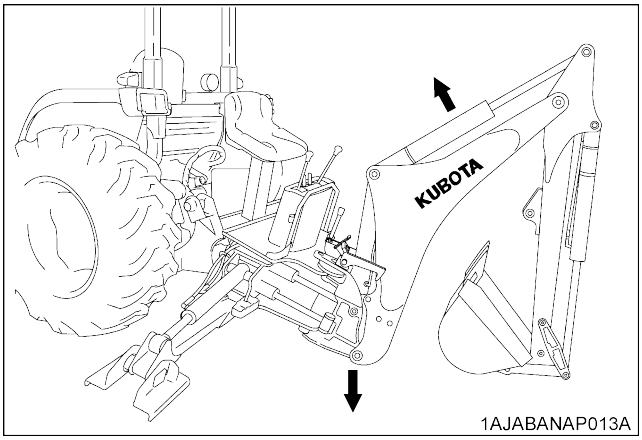
(A) 380 mm (15 inches)

4. Raise the rear wheels slightly with the boom and remove the mounting pins.



(1) Mounting pin

5. Slowly raise the boom to disengage the backhoe from the tractor.



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