Kubota

U.S.A. : **KUBOTA TRACTOR CORPORATION**
3401 Del Amo Blvd., Torrance, CA 90503, U.S.A.
Telephone : (310)370-3370
Western Division : 1175 S. Guild Avc., Lodi, CA 95240
Telephone : (209)334-9910
Central Division : 14855 FAA Blvd., Fort Worth, TX 76155
Telephone : (817)571-0900
Northern Division : 6300 at One Kubota Way, Groveport, OH 43125
Telephone : (614)835-1100
Southeast Division : 1025 Northbrook Parkway, Suwanee, GA 30024
Telephone : (770)995-8855
Canada : **KUBOTA CANADA LTD.**
5900 14th Avenue, Markham, Ontario, L3S 4K4, Canada
Telephone : (905)294-7477
France : **KUBOTA EUROPE S.A.S**
19-25, Rue Jules Vercruysse, Z.I. BP88, 95101 Argenteuil Cedex, France
Telephone : (33)1-3426-3434
Italy : **KUBOTA EUROPE S.A.S Italy Branch**
Via Grandi, 29 20068 Peschiera Borrome (MI) Italy
Telephone : (39)02-51650377
Germany : **KUBOTA (DEUTSCHLAND) GmbH**
Senefelder Str. 3-5 63110 Rodgau /Nieder-Roden, Germany
Telephone : (49)6106-873-0
U.K. : **KUBOTA (U.K.) LTD.**
Dormer Road, Thame, Oxfordshire, OX9 3UN, U.K.
Telephone : (44)1844-214500
Spain : **KUBOTA ESPAÑA S.A.**
Avenida Recomba No.5, Poligno Industrial la Laguna, Leganes, 28914 (Madrid) Spain
Telephone : (34)91-508-6442
Australia : **KUBOTA TRACTOR AUSTRALIA PTY LTD.**
25-29 Permas Way, Truganina, VIC 3029, Australia
Telephone : (61)-3-9394-4400
Malaysia : **SIME KUBOTA SDN. BHD.**
No.3 Jalan Sepadu 25/123 Taman Perindustrian Axis,
Seksyen 25, 40400 Shah Alam, Selangor Darul Ehsan Malaysia
Telephone : (60)3-736-1388
Philippines : **KUBOTA PHILIPPINES, INC.**
155 Panay Avenue, South Triangle Homes, 1103 Quezon City, Philippines
Telephone : (63)2-9201071
Taiwan : **SHIN TAIWAN AGRICULTURAL MACHINERY CO., LTD.**
16, Fengping 2nd Rd, Taliao Shiang Kaohsiung 83107, Taiwan R.O.C.
Telephone : (886)7-702-2333
Indonesia : **PT KUBOTA MACHINERY INDONESIA**
Tower A at EightyEight@Kasablanka Lantai 16
Jalan Raya Casablanka Kav. 88, Jakarta 12870 Indonesia
Telephone : (62)-21-29568-720
Thailand : **SIAM KUBOTA CORPORATION CO., LTD.**
101/19-24 Moo 20, Navanakorn Industrial Estate, Tambon Khlongnueng, Amphur Khlongluang,
Pathumthani 12120, THAILAND
Telephone : (66)2-909-0300
Korea : **KUBOTA KOREA CO., LTD.**
106-24 Mongsan-Ri, Mankyung-Up, Kimje-City, Chonrapuk-Do, KOREA
Telephone : (82)-63-544-5822
India : **KUBOTA AGRICULTURAL MACHINERY INDIA PVT. LTD.**
Regus, Level 2 Altius, Olympia Tech Park, No.1 SIDCO Industrial Estate, Guindy, Chennai 600032, TN, India
Telephone : (91)-44-4299-4237
Vietnam : **KUBOTA VIETNAM CO., LTD.**
Lot B-3A2-CN, My Phuoc 3 Industrial Park, Ben Cat District, Binh Duong Province, Vietnam
Telephone : (84)-650-3577-507

KUBOTA Corporation

AS. G. 2-2 . -. K

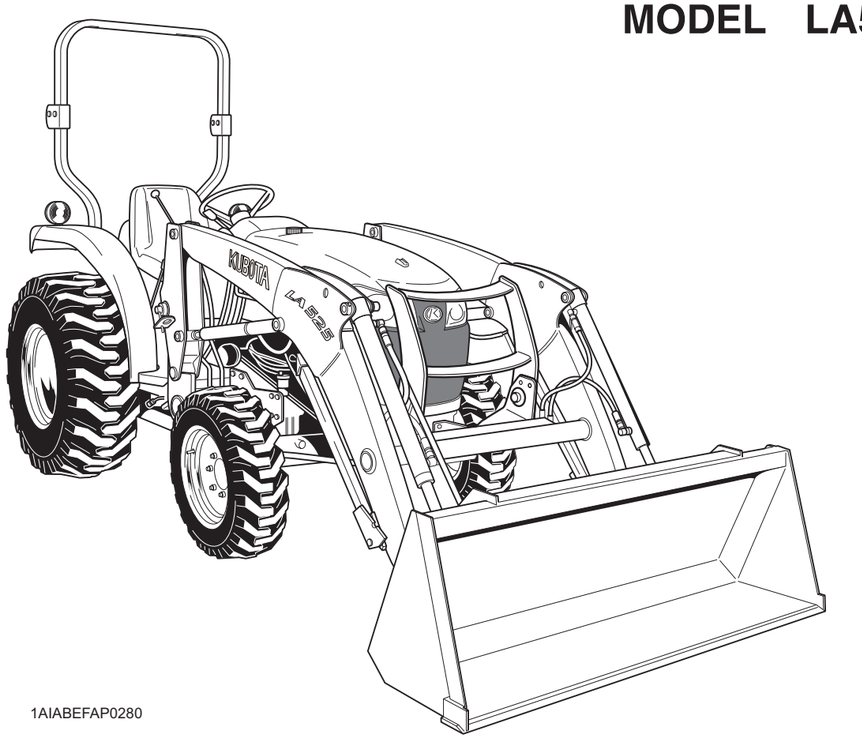
English (U.S.A)
Code No. 7J294-6911-2

L
A
5
2
5

OPERATOR'S MANUAL

KUBOTA FRONT LOADER

MODEL LA525



1AIABEFAP0280

READ AND SAVE THIS MANUAL

Kubota

PRINTED IN U.S.A.

© KUBOTA Corporation 2013

PREVIEW - YOUFIXTHIS.COM

CONTENTS

⚠SAFE OPERATION ..... ⚠-1

SERVICING OF LOADER 1

SPECIFICATIONS 2
- SUITABLE TRACTOR 2
- LOADER SPECIFICATIONS 2
- BUCKET SPECIFICATIONS 3
- DIMENSIONAL SPECIFICATIONS 3
- OPERATIONAL SPECIFICATIONS 4
- LOADER TERMINOLOGY 6

PRE-OPERATION CHECK 7
- LUBRICATION 7
- TRANSMISSION FLUID 7
- TREAD 8
- REAR BALLAST 8
  - Liquid ballast in rear tires 8
- TIRE INFLATION 9
  - Inflation pressure 9
- TEST OPERATION 9
- REMOVING AIR FROM THE HYDRAULIC SYSTEM 9

OPERATING THE LOADER 10
- FILLING THE BUCKET 10
- LIFTING THE LOAD 10
- CARRYING THE LOAD 11
- DUMPING THE BUCKET 11
- LOWERING THE BUCKET 11
- OPERATING WITH FLOAT CONTROL 11
- LOADING FROM A BANK 12
- PEELING AND SCRAPING 12
- LOADING LOW TRUCKS OR SPREADERS FROM A PILE 13
- BACKFILLING 13
- HANDLING LARGE HEAVY OBJECTS 14
- VALVE LOCK 14
  - Standard valve 14
- FRONT GUARD 15
- BUCKET LEVEL INDICATOR (if equipped) 15
- ATTACHING ATTACHMENTS (if equipped) 16
- DETACHING ATTACHMENTS 17
- DISMOUNTING THE LOADER 18
- MAINTENANCE 18
- ATTACHMENTS 18
  - Quick attach bucket 18
  - Bale spear 18
  - Pallet fork 19

PREVIEW - YOUFIXTHIS.COM

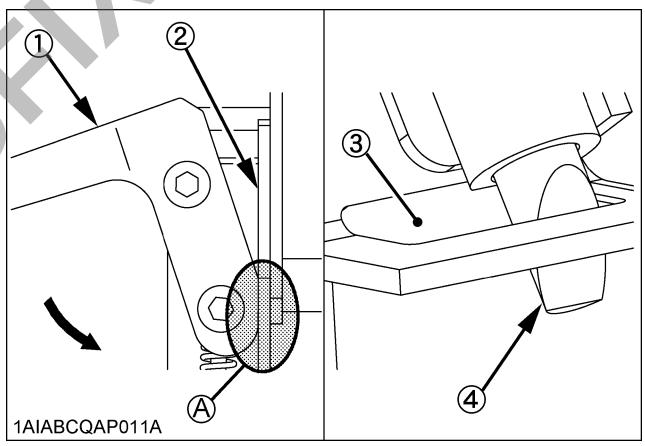
Download full manual at youfixthis.com

⚠ SAFE OPERATION

Most loader equipment accidents can be avoided by following simple safety precautions.
These safety precautions, if followed at all times, will help you operate your loader safely.

1. BEFORE OPERATING THE LOADER

1. Know your equipment and its limitations.
   Allow only trained personnel to operate or service this equipment.
2. Read and understand all instructions and precautions found in both the tractor and the loader operator's manuals before using the loader.
   Lack of knowledge can lead to accidents.
3. It is the owner's responsibility to ensure that anyone who will operate the loader reads this manual first and becomes familiar with the safe operation of the loader.
4. For your safety, a ROPS with a seat belt is strongly recommended by KUBOTA in almost all applications. If your tractor has a foldable ROPS, fold it down only when absolutely necessary and raise it up and lock it again as soon as possible. Do not wear the seat belt when a foldable ROPS is down or a fixed ROPS is removed. If you have any questions, consult your local KUBOTA dealer.
   Always use the seat belt when the tractor is equipped with a ROPS. Never use the seat belt when the tractor is not equipped with a ROPS.
5. Visually check for hydraulic leaks and broken, missing, or malfunctioning parts.
   Make necessary repairs before operating.
6. Replace damaged or illegible safety labels. See following pages for required labels.
7. When the front loader is mounted on the tractor, enter and exit the operator's seat only from left side of the tractor.
8. Engage the loader control valve lock to prevent accidental actuation when the implement is not in use or during transport. Do not utilize the valve lock for machine maintenance or repair.
9. Assemble, remove and reinstall the loader only as directed in this manual. Failure to do this could result in serious personal injury or death.
10. Follow the precautions below when attaching attachments.
- Make sure both handles (LH, RH) contact the ear plates at the points (A) and are all the way down.
- Make sure both lock pins (LH, RH) protrude through the pin slots.
- Kubota recommends the use of Kubota attachments on Kubota loaders. Non-Kubota attachments, if used, must comply with ISO 24410, first edition 2005-04-15.
- Use of a non-Kubota attachment that does not comply with ISO 24410 or the improper positioning of handle(s) or non-protrusion of pin(s) may result in detachment of the attachment or deformation, causing loss of performance, personal injury or death.



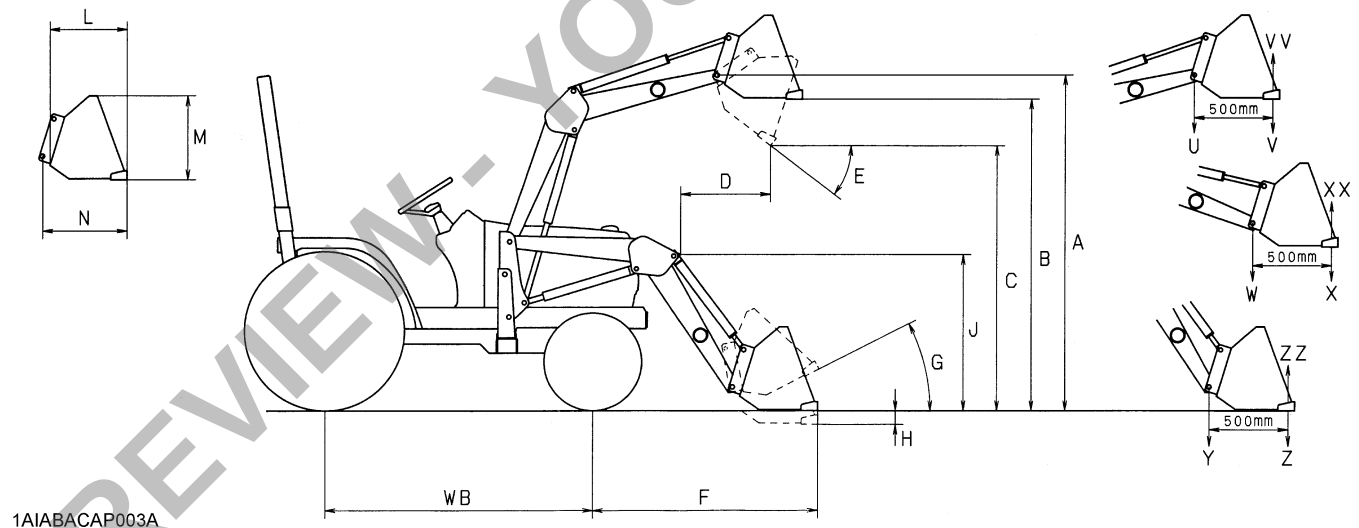
(1) Handle
(2) Ear plate
(3) Pin slot
(4) Lock pin
(A) The handle contacts the ear plate at the points.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

OPERATIONAL SPECIFICATIONS

LOADER MODEL			**LA525**	
TRACTOR MODEL			L2501	L3301, L3901
BUCKET TYPE			RIGID	
U	LIFT CAPACITY (BUCKET PIVOT PIN, MAX. HEIGHT)	kg (lbs.)	491 (1082)	513 (1131)
V	LIFT CAPACITY (500 mm FORWARD, MAX. HEIGHT)	kg (lbs.)	372 (820)	388 (855)
W	LIFT CAPACITY (BUCKET PIVOT PIN, 1500 mm HEIGHT)	kg (lbs.)	649 (1431)	676 (1490)
X	LIFT CAPACITY (500 mm FORWARD, 1500 mm HEIGHT)	kg (lbs.)	515 (1135)	536 (1182)
Y	BREAKOUT FORCE (BUCKET PIVOT PIN)	N (lbf.)	10554 (2373)	10951 (2462)
Z	BREAKOUT FORCE (500mm FORWARD)	N (lbf.)	8033 (1806)	8335 (1874)
VV	BUCKET ROLL-BACK FORCE AT MAX. HEIGHT	N (lbf.)	9403 (2114)	9685 (2177)
XX	BUCKET ROLL-BACK FORCE AT 1500 mm	N (lbf.)	11646 (2618)	11998 (2697)
ZZ	BUCKET ROLL-BACK FORCE AT GROUND LEVEL	N (lbf.)	9545 (2146)	9855 (2215)
	RAISING TIME (RATED FLOW)	sec.	4.1	3.5
	LOWERING TIME (RATED FLOW)	sec.	2.4	2.3
	BUCKET DUMPING TIME (RATED FLOW)	sec.	2.0	1.7
	BUCKET ROLLBACK TIME (RATED FLOW)	sec.	2.6	2.2



1AIABACAP003A

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

OPERATING THE LOADER

The loader should be operated with the tractor engine speed depending on the application and the operator's level of experience. Excessive speeds are dangerous, and may cause bucket spillage and unnecessary strain on the tractor and loader.

When operating in temperatures below -1 ℃ (30 ℉), run the tractor engine below 1200 rpm until the oil temperature exceeds -1 ℃ (30 ℉).

The following text and illustrations offer suggested loader and tractor operating techniques.

WARNING

To reduce the possibility of roll over:

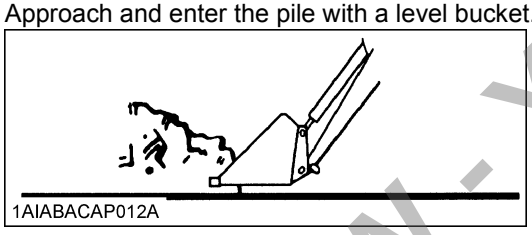
- **It is not recommended that the loader be attached when operating another implement on a hillside.**

IMPORTANT :

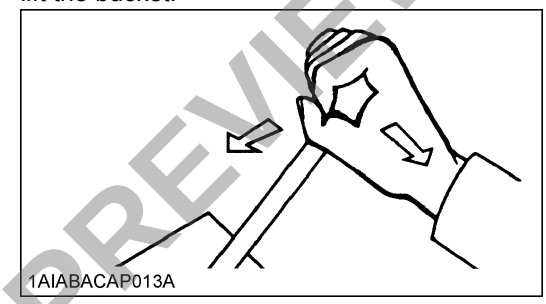
- Before operating the loader in rough terrain, remove the mower to avoid damage to the mower.

FILLING THE BUCKET

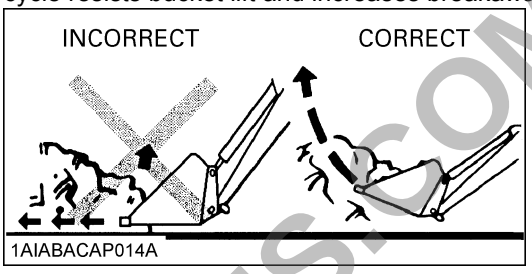
Approach and enter the pile with a level bucket.



Ease control lever toward you and then left to rollback and lift the bucket.



The rollback and lifting of the bucket will increase efficiency because a level bucket throughout the lifting cycle resists bucket lift and increases breakaway effort.

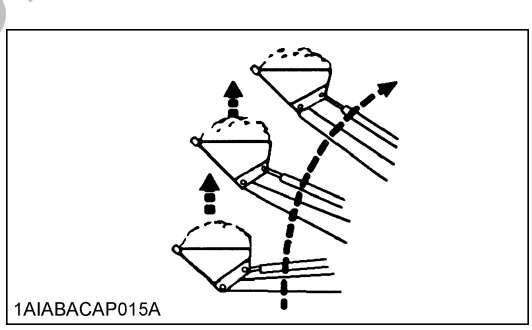


NOTE :

- Do not be concerned if the bucket is not completely filled during each pass. Maximum productivity is determined by the amount of material loaded in a given period of time. Time is lost if two or more attempts are made to fill the bucket on each pass.

LIFTING THE LOAD

When lifting the load, keep the bucket positioned to avoid spillage.



WARNING

To avoid serious personal injury:

- **Do not attempt to lift bucket loads in excess of the loader capacity.**
- **Before raising the bucket to full height, make sure the tractor is on level ground. If not, it may tip over, even if the tractor is not moving.**

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

ATTACHING ATTACHMENTS (if equipped)

This quick attach coupler is designed to be used with Kubota attachments. Non-Kubota attachments, if used, must comply with ISO 24410, first edition 2005-04-15. This quick attach coupler allows the operator to change easily without the use of tools.

DANGER

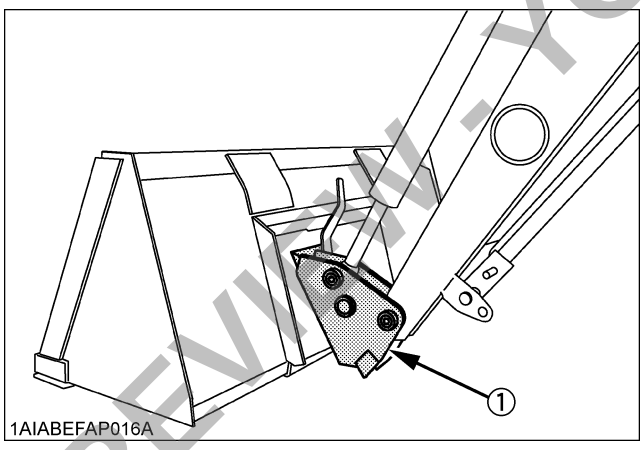
To avoid serious personal injury or death:

- **Use of a non-Kubota attachment that does not comply with ISO 24410 or the improper positioning of handle(s) or non-protrusion of pin(s) may result in detachment of the attachment or deformation, causing loss of performance, personal injury or death.**

NOTE :

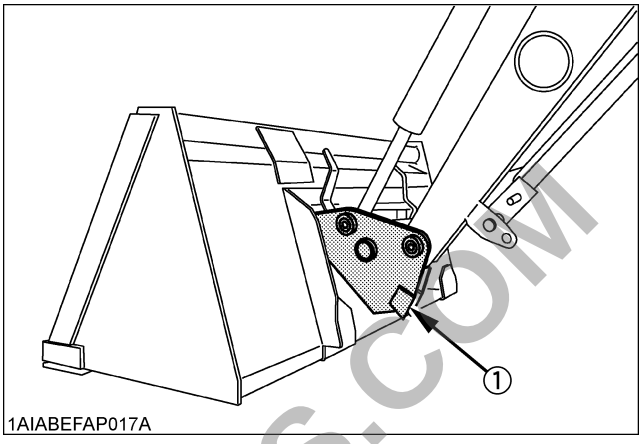
- Attachments should be located on a flat, firm surface when attaching and detaching them from the quick attach coupler.

1. To mount an attachment, pull the handles of the quick attach coupler latching pins to the unlatched position. The quick attach coupler handles must be all the way up to ensure that the latching pins are fully retracted.
2. Position the tractor squarely in front of the attachment and tilt the quick attach coupler forward with the bucket cylinders.



(1) Quick attach coupler

3. Ease the quick attach coupler mounting plate into the saddle of the attachment.
4. Roll the quick attach coupler back using the bucket cylinders and raise the boom slightly. The back of the attachment should rest against the front of the quick attach coupler mounting plate and the weight of the attachment should be supported by the loader.



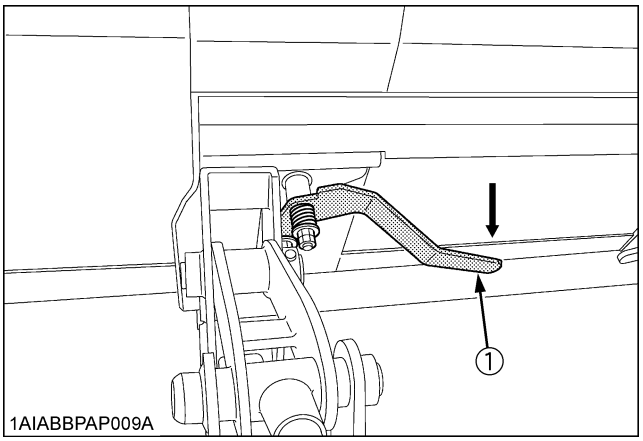
(1) Quick attach coupler

WARNING

To avoid serious injury or machine damage:

- **Raise the boom only enough to latch the attachment.**
  The attachment could swing off the quick attach coupler.

5. When the attachment is properly seated in the saddle and against the front of the quick attach coupler mounting plate, turn off the engine and set the parking brake. Push the quick attach coupler handles to the fully latched position. Verify both latching pins are completely engaged in the base of the attachment.



(1) Quick attach coupler handle

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

MAINTENANCE

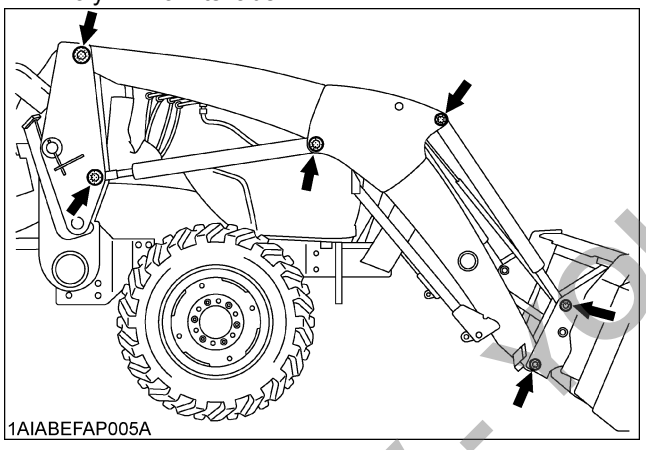
WARNING

To avoid serious injury:

- **Be sure to check and service the tractor on a flat surface with the bucket on the ground, engine shut off, the key removed and the parking brake on.**

LUBRICATION

1. Lubricate all grease fittings every 10 hours of operation. Also, lubricate joints of control lever linkage every 10 hours. High quality grease designating "extreme pressure" and containing Molybdenum disulfide is recommended. This grease may specify "Moly EP" on its label.


1AIABEFAP005A

2. Daily before operation, check the tractor hydraulic fluid level. If low, add as described in the tractor's operator's manual. Also change the filter element and the hydraulic fluid as recommended in the tractor's operator's manual.

RE-TIGHTENING OF HARDWARE

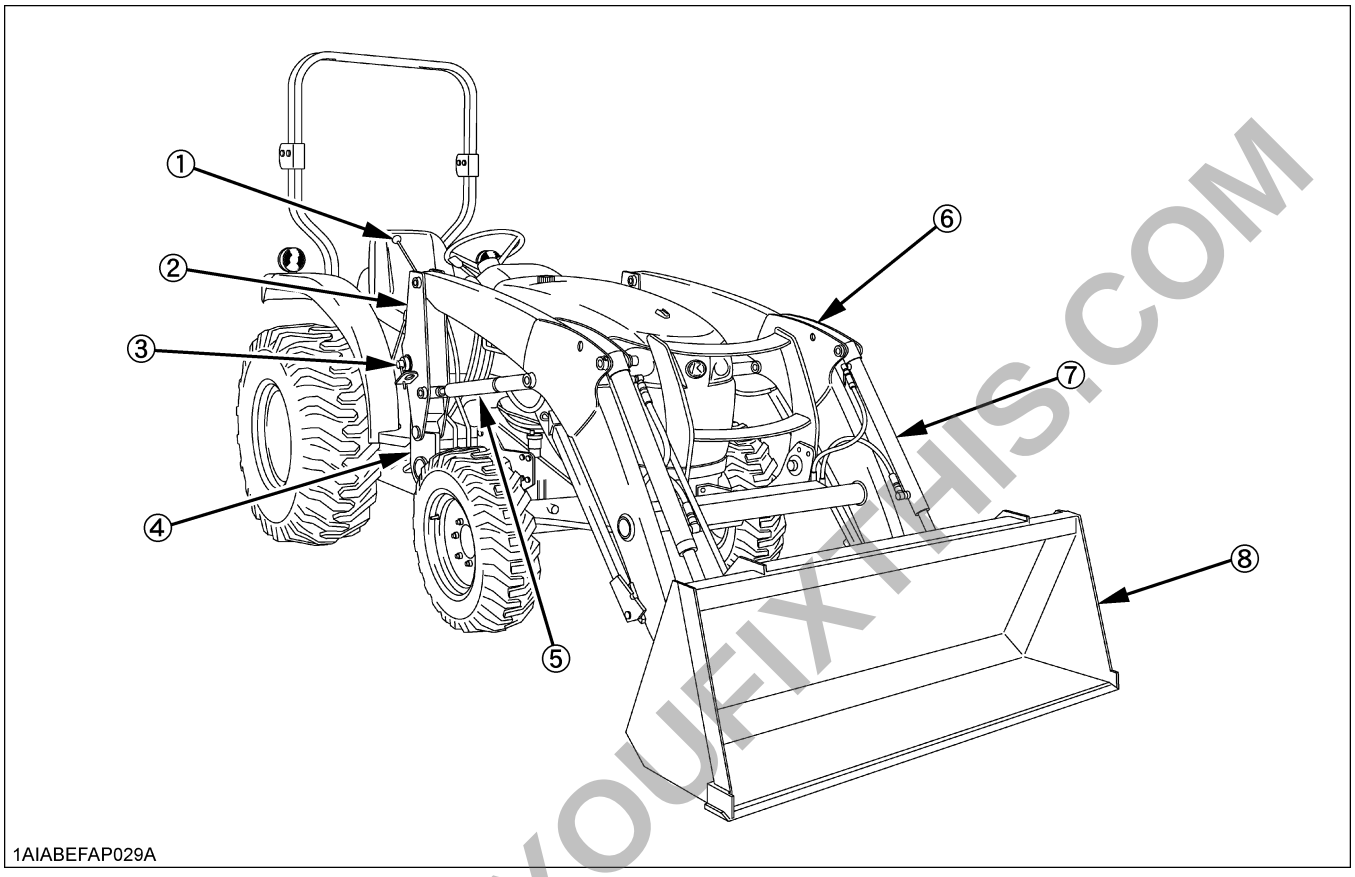
After 20 to 30 hours of initial loader operation, re-tighten all mounting bolts and nuts to the required torque value as follows.

Sequence	Location	Bolt/Nut	Required Torque N-m (kgf-m, ft-lbs)
1	Main frames	M16 bolts	226 (23, 166)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

LOADER TERMINOLOGY



(1) Loader control lever
(2) Side frame
(3) Mounting pin
(4) Main frame
(5) Boom cylinder
(6) Boom
(7) Bucket cylinder
(8) Bucket

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 8 of 40 pages

The full manual includes:

- All 40 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Kubota LA525 Operator Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual