

MAN0807

(Rev. 4/25/2011)

**SAVE THIS
MANUAL!**

Include it with
your Loader Manual.
It contains safety,
operation, and repair
part information
not found in other
manuals.

WOODS

2104045
LOADER MOUNTING KIT
for **LS84 Loader**

on **Kubota®**
B3200 Tractors
B3300SU Tractors

Includes Hose Kit
1019695

WOODS®

Tested. Proven. Unbeatable.

INSTALLATION MANUAL



SAFETY RULES

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



¡LEA EL INSTRUCTIVO!

Si no lee Ingles, pida ayuda a alguien que si lo lea para que le traduzca las medidas de seguridad.

Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by an operator's single careless act.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, judgement, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

It has been said, "The best safety device is an informed, careful operator." We ask you to be that kind of operator.

INSTALLATION

■ This Loader Mounting Kit is to be used only for the loaders and tractors specified in this manual. Any other use or modification of this mounting kit may result in serious injury or death.

■ Hydraulics must be connected as instructed in this manual. Do not substitute parts, modify, or connect in any other way.

■ After connecting hoses, check that all control lever positions function as instructed in the Operator's Manual. Do not put into service until control lever and equipment movements are correct.

■ Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules and safety decal information. (Replacement manuals and safety decals are available from your dealer. To locate your nearest dealer, check the Dealer Locator at www.WoodsEquipment.com, or in the United States and Canada call 1-800-319-6637.) Failure to follow instructions or safety rules can result in serious injury or death.

■ Keep hands and body away from pressurized lines. Use paper or cardboard, not hands or other body parts to check for leaks. Wear safety goggles. Hydraulic fluid under pressure can easily penetrate skin and will cause serious injury or death.

■ Make sure that all operating and service personnel know that if hydraulic fluid penetrates skin, it must be surgically removed as soon as possible by a doctor familiar with this form of injury or gangrene, serious injury, or death will result. **CONTACT A PHYSICIAN IMMEDIATELY IF FLUID ENTERS SKIN OR EYES. DO NOT DELAY.**

■ Check that all hardware is properly installed. Always tighten to torque chart specifications unless instructed otherwise in this manual.

■ Air in hydraulic systems can cause erratic operation and allows loads or equipment components to drop unexpectedly. When connecting equipment or hoses or performing any hydraulic maintenance, purge any air in hydraulic system by operating all hydraulic functions several times. Do this before putting into service or allowing anyone to approach the equipment.

■ Protective hose sleeves must cover all hydraulic hoses within 20 inches of the operator and be secured onto metal hose fittings. Replace hoses or sleeves if damaged or if protective sleeve cannot be properly positioned or secured.

■ Make sure all hydraulic hoses, fittings, and valves are in good condition and not leaking before starting power unit or using equipment. Check and route hoses carefully to prevent damage. Hoses must not be twisted, bent sharply, kinked, frayed, pinched, or come into contact with any moving parts. Operate moveable components through full operational range to check clearances. Replace any damaged hoses immediately.

■ Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head; and respirator or filter mask where appropriate.

■ Do not modify or alter or permit anyone else to modify or alter the equipment or any of its components in any way.

■ Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing equipment.

■ Use a suitable lifting device of sufficient capacity. Use adequate personnel to handle heavy components.

■ Keep all persons away from operator control area while performing adjustments, service, or maintenance.

LOADER MOUNT INSTALLATION

⚠ WARNING

■ Only use 2104045 Loader Mounting Kit for mounting Woods LS84 loader on Kubota® B3200 and B3300SU tractors. Any other use or modification of this mounting kit may result in serious injury or death.

■ Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules and safety decal information. (Replacement manuals and safety decals are available from your dealer. To locate your nearest dealer, check the Dealer Locator at www.WoodsEquipment.com, or in the United States and Canada call 1-800-319-6637.) Failure to follow instructions or safety rules can result in serious injury or death.

⚠ CAUTION

■ Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head; and respirator or filter mask where appropriate.

NOTICE

■ This equipment must be assembled and installed on the customer's tractor by the Woods dealer. Dealer must thoroughly inspect equipment and complete each item on the PRE-DELIVERY CHECK LIST, DELIVERY CHECK LIST, and PRODUCT REGISTRATION before equipment is released to the customer.

■ Clean threaded holes in the tractor chassis thoroughly using a tap of the proper size. Paint, rust, or debris in the threads may not permit cap screws to be installed and tightened correctly.

TRACTOR PREPARATION

For installing this mounting kit, references to right, left, forward, and rearward directions are determined from the operator's position in the tractor seat.

NOTE: Leave all loader mount hardware loose until mount is completely installed or otherwise instructed.

NOTE: 2104045 Loader Mounting Kit is compatible with Kubota RCK 60-27BA and RC 72-27BA undermount mowers. See Kubota undermount mower manual for installation instructions.

1. Shut off engine and set parking brake during installation.
2. Remove the tractor front weights if equipped.
3. Set the tractor wheels to the manufacturer's widest recommended spacing. Refer to the tractor operator's manual.
4. Remove tractor sub-frame brackets from both sides of the tractor, shown in Figure 1.

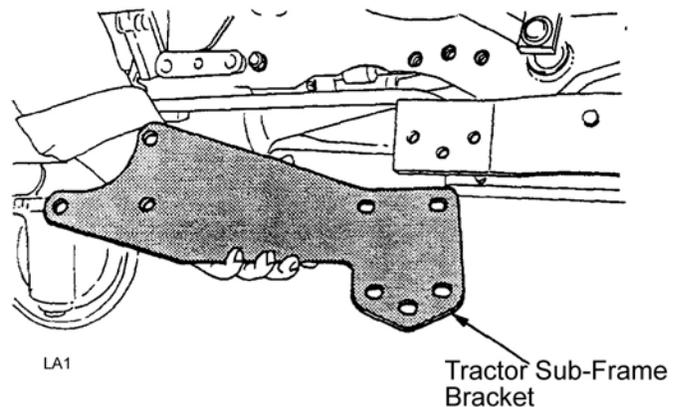


Figure 1. Remove Tractor Front Sub-Frame Brackets (B3200)

As a valued customer, Woods appreciates your comments. Once loader mount and hydraulic hoses have been installed, please take a few minutes to complete the Loader Mount Evaluation sheet that was supplied with your loader mount. Your comments will help us continue to bring you quality products.

Attach Right and Left loader Mounts

1. Attach right loader mount (1) to tractor frame using two cap screws (10) and hardened flat washers (12) in the forward top holes.
2. Insert cap screw (11) and hardened flat washer (12) in the third and fourth hole.
3. Insert flange head cap screw (7) into the three holes in tractor clutch housing. Use cap screw (6) and washer (8) in the top rear slots to connect loader mount to tractor frame. For three lower slots, use hex flange screw (7) and hex flange nut (9).
4. Repeat step to install left rear mount (2). Note: only 2 of item (6) are used on left mount.
5. Place center plate (3) between right and left mounts and secure using four (two per side) cap screws (10), hardened flat washers (12) and hex nuts (13).
6. Torque hardware to:
 - M14 x 1.5P x 40 mm 87 lbs-ft (118 N-m)
 - M14 x 1.5P x 50 mm 87 lbs-ft (118 N-m)
 - M12 x 1.75P x 35 mm 70 lbs-ft (84 N-m)
 - M12 x 1.25P x 30 mm 55 lbs-ft (75 N-m)

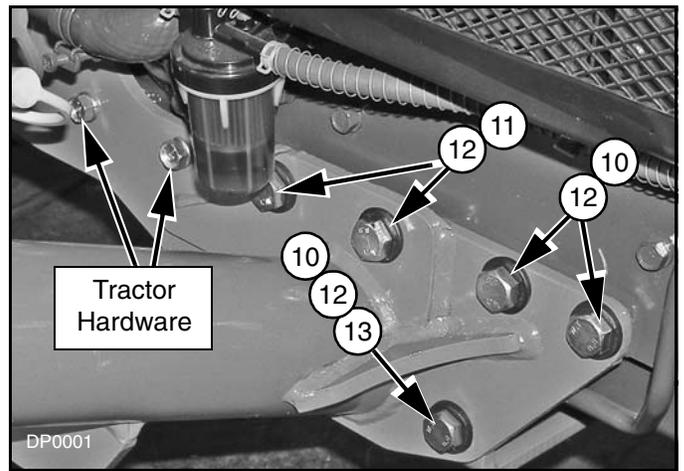


Figure 2. Right Mount Installed

1. 1030978 Right mount
2. 1030979 Left mount
3. 1030986 Center plate
6. 65505 12 mm-1.25P x 30 mm HHCS
7. 1028293 M12-1.75x35 CL10.9 Hex flange screw
8. 52177 .488 x 1.25 x .134 washer
9. 1028338 M12-1.75 CL10 Hex flange nut
10. 64127 M14 x 1.5P x 40 mm HHCS
11. 65541 M14 x 1.5P x 50 mm HHCS
12. 46070 9/16 Hardened Flat Washer
13. 43104 M14 x 1.5 Hex Nut

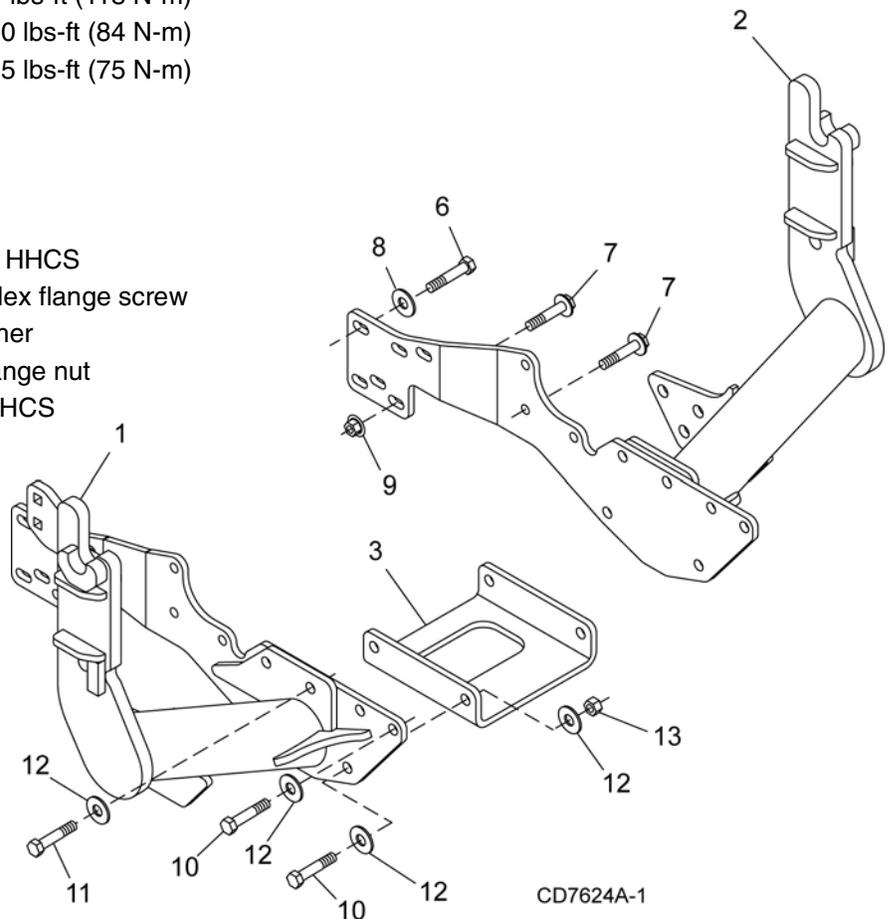


Figure 3. 2104045 Mount Kit Installation

4 Mount Installation

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Install Grill Guard (Optional)

1. Attach grill guard (20) to front of tractor frame using cap screws (10), hardened flat washers (12), and hex nuts (13) as shown in Figure 4.

2. Torque hardware to:

M14-1.5P x 40mm HHCS . . . 87 lbs-ft (118 N-m)

20. 1031140 Grill guard
(includes items 10, 12 & 13)

10. 64127 M14 x 1.5P x 40 mm HHCS

12. 46070 9/16 Hardened Flat Washer

13. 43104 M14 x 1.5P Hex Nut

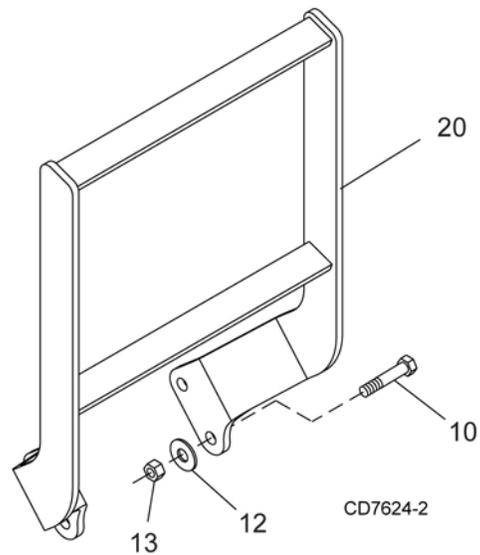


Figure 4. Grill Guard Installation

1019695 HOSE KIT INSTALLATION

WARNING

- Keep hands and body away from pressurized lines. Use paper or cardboard, not hands or other body parts to check for leaks. Wear safety goggles. Hydraulic fluid under pressure can easily penetrate skin and will cause serious injury or death.
- Make sure that all operating and service personnel know that if hydraulic fluid penetrates skin, it must be surgically removed as soon as possible by a doctor familiar with this form of injury or gangrene, serious injury, or death will result. **CONTACT A PHYSICIAN IMMEDIATELY IF FLUID ENTERS SKIN OR EYES. DO NOT DELAY.**
- Air in hydraulic systems can cause erratic operation and allows loads or equipment components to drop unexpectedly. When connecting equipment or hoses or performing any hydraulic maintenance, purge any air in hydraulic system by operating all hydraulic functions several times. Do this before putting into service or allowing anyone to approach the equipment.

WARNING

- Protective hose sleeves must cover all hydraulic hoses within 20 inches of the operator and be secured onto metal hose fittings. Replace hoses or sleeves if damaged or if protective sleeve cannot be properly positioned or secured.
- Make sure all hydraulic hoses, fittings, and valves are in good condition and not leaking before starting power unit or using equipment. Check and route hoses carefully to prevent damage. Hoses must not be twisted, bent sharply, kinked, frayed, pinched, or come into contact with any moving parts. Operate moveable components through full operational range to check clearances. Replace any damaged hoses immediately.

General Description

These instructions are for operating the loader using the tractor hydraulic remote control lever and four hydraulic couplers located in front of the operator's platform.

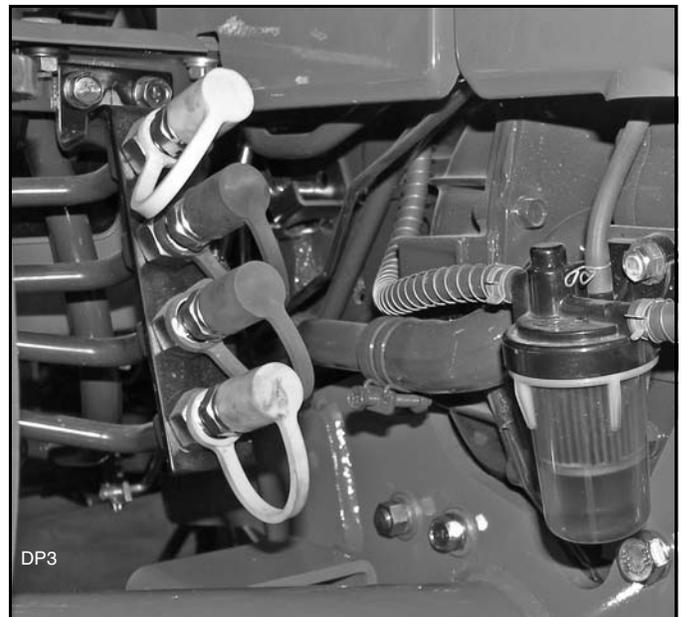
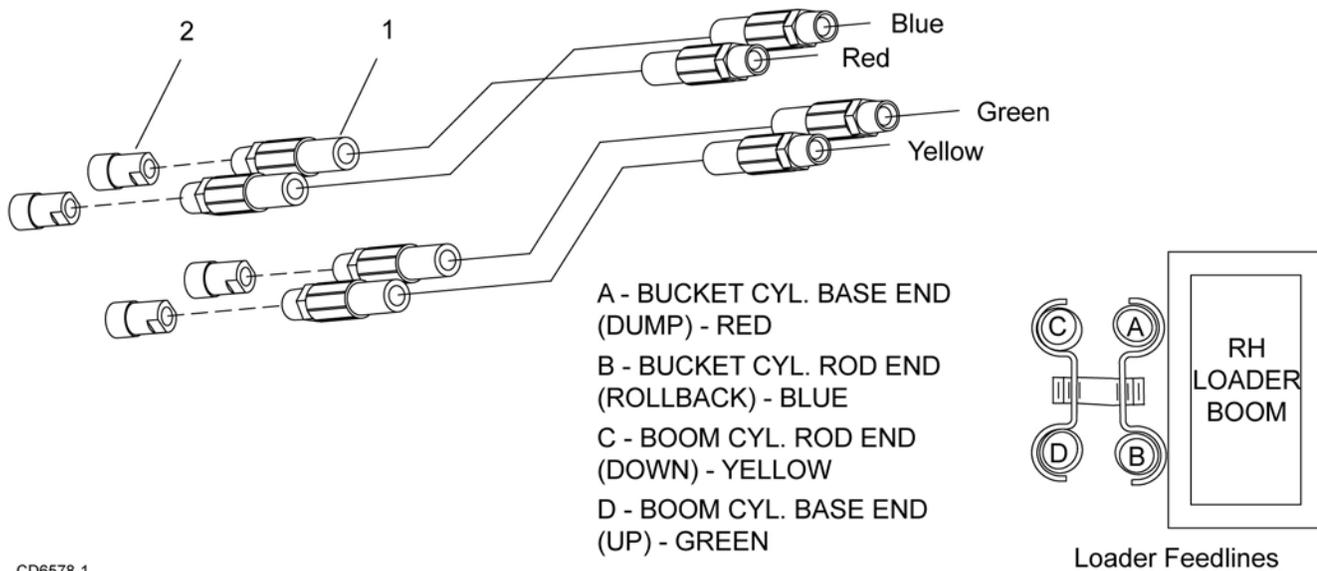


Figure 5. Tractor Hydraulic Couplers

Attach Loader Supply Hoses

1. Attach female quick couplers (2) to the loader supply hoses (1).
2. Attach loader supply hoses to the loader steel feedlines on the loader boom. See Figure 6.

1. 360220 Hose, 38" x 1/4 NPTM x 9/16 JICM
2. 1019696 Quick coupler, female



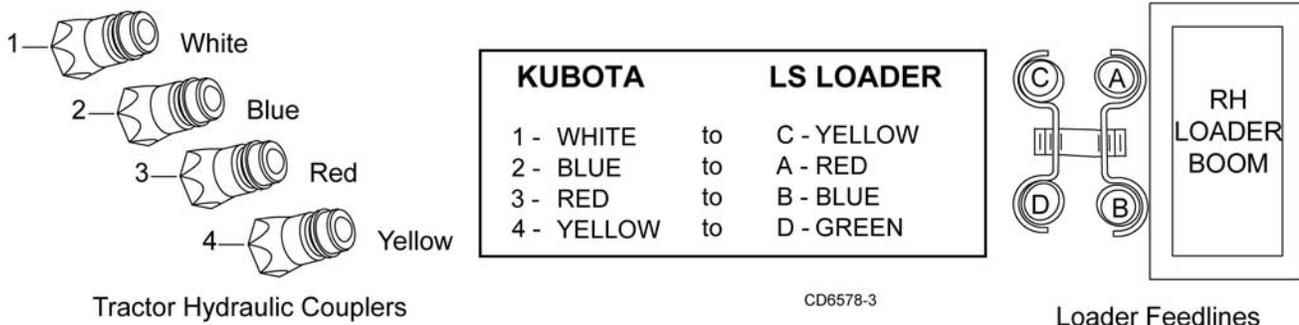
CD6578-1

Figure 6. Loader Feedline Connections

Connect Loader Supply Hoses

1. Route hydraulic hoses along loader mount and connect to tractor hydraulic couplers, located between right loader mount and tractor.
2. Be sure to avoid contact with clutch pedal and other moveable tractor components.

3. Hoses must be routed so that they are not pinched, bent sharply, or chafed during operation. Hoses must not interfere with any tractor control operation or contact any moving parts.
4. Connect loader supply hoses to tractor hydraulics as shown in Figure 7.



CD6578-3

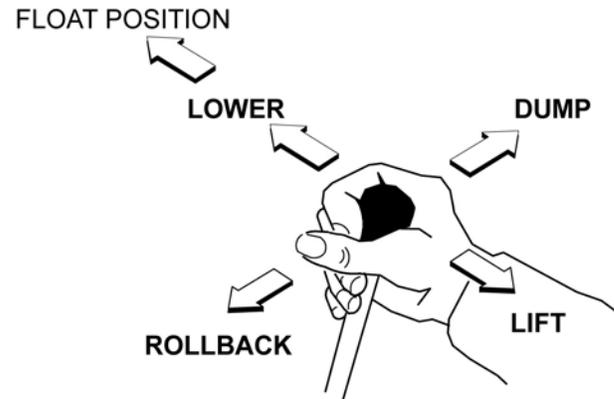
Figure 7. Loader Supply Hose Connections

7 Hydraulic Installation

MAN0807 (6/17/2009)

Verify Control Movements

1. **Mount loader to tractor:** Remove mount pins from loader uprights. Align tractor with loader and slowly drive tractor into loader. Shut off tractor.
2. Connect loader feedline hoses to tractor hydraulic couplers. See Figure 7.
3. Comply with all safety rules and start the tractor.
4. Mount loader to tractor by activating bucket cylinders to raise or lower the loader uprights into the loader mounts. Slowly advance tractor forward, activating appropriate cylinders to engage loader completely into mounts. Insert mounting pins to secure loader.
5. Check that all tractor hydraulic control lever positions operate the loader movements correctly. See Figure 8.
6. If loader movements do not respond correctly, shut off tractor, relieve pressure, and reconnect properly. Loader control movements must be correct before proceeding.
7. Once all loader functions are correct, start the tractor and operate the loader to check for leaks. Purge any remaining air from the hydraulic system and check oil level.
8. When hose routings and correct loader operations are verified, identify each circuit by placing a matching colored band around the male and female quick-disconnect coupler. The color-coded bands will make reinstallation easier when the loader is removed from tractor.
9. Be sure that adequate slack is left in the hoses so they can move as the loader moves through its full range of motion.
10. Attach the plastic tie straps (included in kit) every 20 inches around the hoses to keep them tightly bundled and away from contact with the ground or other moving parts on the tractor or loader.
11. Before operating the loader, make sure that the Pre-Delivery, Delivery, and Pre-Operation Check Lists in the Loader Operator's Manual have been completed.

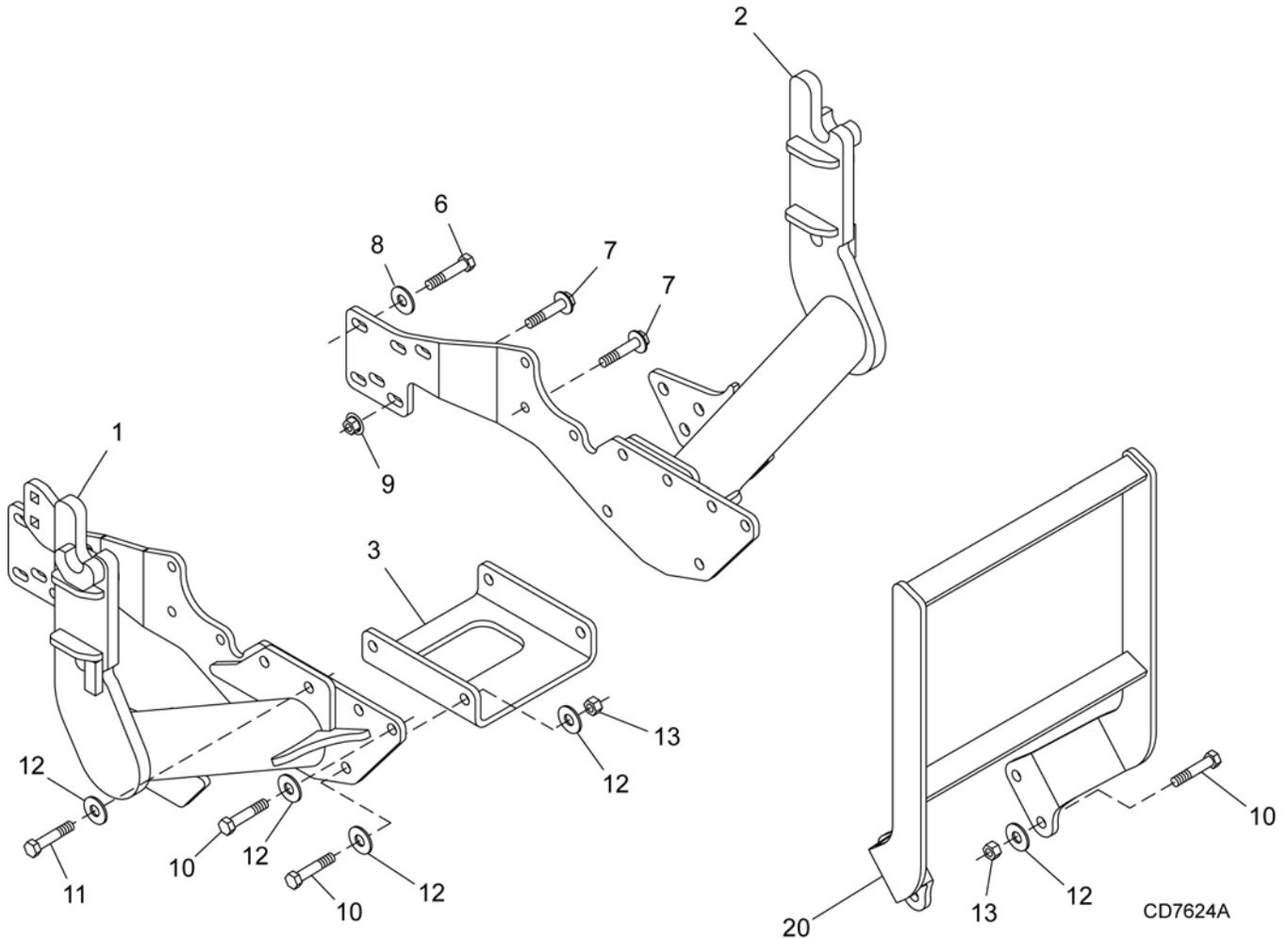


- Handle forward - Boom down
- Handle forward to limit - Float position
- Handle back - Boom up
- Handle to right - Dump bucket or attachment
- Handle to left - Rollback bucket or attachment

Figure 8. Single Lever Control Operation

NOTES

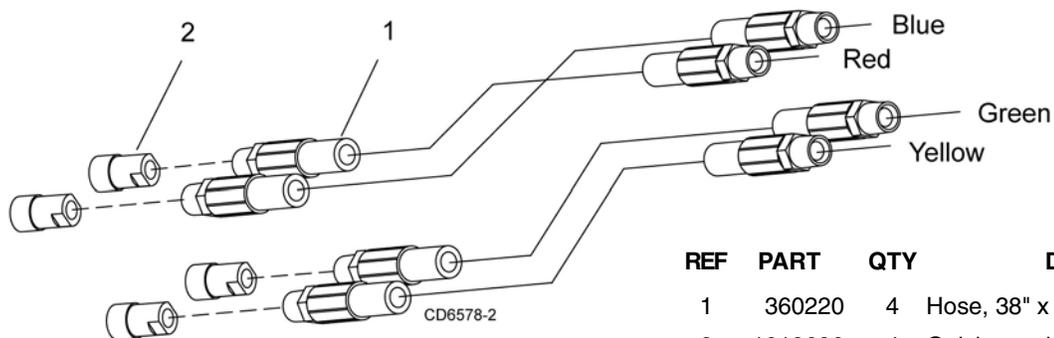
2104045 LOADER MOUNTING KIT



REF	PART	QTY	DESCRIPTION	REF	PART	QTY	DESCRIPTION
1	1030978	1	Right Mount	10	64127	12	M14 x 1.5P x 40 mm HHCS
2	1030979	1	Left Mount	11	65541	4	M14 X 1.5P x 50 mm HHCS
3	1030986	1	Center Plate	12	46070	20	9/16 Hardened Flat Washer
6	65505	5	12 mm-1.25P x 30 mm HHCS	13	43104	8	M14 x 1.5 Hex Nut
7	1028293	12	M12-1.75x35 CL10.9 Hex flange screw	20	1031140	1	Grill Guard (optional) (includes items 10, 12, & 13)
8	52177	5	.488 x 1.25 x .134 HT washer				
9	1028338	6	M12-1.75 CL10 Hex flange nut				

HHCS Hex Head Cap Screw

1019695 HOSE KIT



REF	PART	QTY	DESCRIPTION
1	360220	4	Hose, 38" x 1/4 NPTM x 9/16 JICM
2	1019696	4	Quick coupler, female
3	395061	1	Plastic band, red (not shown)
4	395062	1	Plastic band, blue (not shown)
5	56061	1	Plastic band, green (not shown)
6	56062	1	Plastic band, yellow (not shown)
7	54124	1	Plastic band, white (not shown)
8	88 *	2	Plastic tie, (not shown)

* Standard hardware, obtain locally



BOLT TORQUE CHART

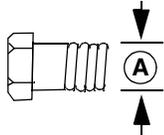
Always tighten hardware to these values unless a different torque value or tightening procedure is listed for a specific application.

Fasteners must always be replaced with the same grade as specified in the manual parts list.

Always use the proper tool for tightening hardware: SAE for SAE hardware and Metric for metric hardware.

Make sure fastener threads are clean and you start thread engagement properly.

All torque values are given to specifications used on hardware defined by SAE J1701 MAR 99 & J1701M JUL 96.



SAE SERIES TORQUE CHART



SAE Grade 2
(No Dashes)

SAE Bolt Head Identification

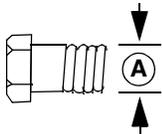


SAE Grade 5
(3 Radial Dashes)



SAE Grade 8
(6 Radial Dashes)

Ⓐ Diameter (Inches)	Wrench Size	MARKING ON HEAD					
		SAE 2		SAE 5		SAE 8	
		lbs-ft	N-m	lbs-ft	N-m	lbs-ft	N-m
1/4"	7/16"	6	8	10	13	14	18
5/16"	1/2"	12	17	19	26	27	37
3/8"	9/16"	23	31	35	47	49	67
7/16"	5/8"	36	48	55	75	78	106
1/2"	3/4"	55	75	85	115	120	163
9/16"	13/16"	78	106	121	164	171	232
5/8"	15/16"	110	149	170	230	240	325
3/4"	1-1/8"	192	261	297	403	420	569
7/8"	1-5/16"	306	416	474	642	669	907
1"	1-1/2"	467	634	722	979	1020	1383



METRIC SERIES TORQUE CHART



Metric
Grade 8.8

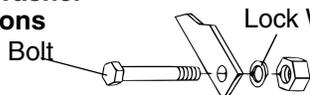
Metric Bolt Head Identification



Metric
Grade 10.9

Ⓐ Diameter & Thread Pitch (Millimeters)	Wrench Size	COARSE THREAD				FINE THREAD				Ⓐ Diameter & Thread Pitch (Millimeters)
		MARKING ON HEAD								
		Metric 8.8		Metric 10.9		Metric 8.8		Metric 10.9		
		N-m	lbs-ft	N-m	lbs-ft	N-m	lbs-ft	N-m	lbs-ft	
6 x 1.0	10 mm	8	6	11	8	8	6	11	8	6 x 1.0
8 x 1.25	13 mm	20	15	27	20	21	16	29	22	8 x 1.0
10 x 1.5	16 mm	39	29	54	40	41	30	57	42	10 x 1.25
12 x 1.75	18 mm	68	50	94	70	75	55	103	76	12 x 1.25
14 x 2.0	21 mm	109	80	151	111	118	87	163	120	14 x 1.5
16 x 2.0	24 mm	169	125	234	173	181	133	250	184	16 x 1.5
18 x 2.5	27 mm	234	172	323	239	263	194	363	268	18 x 1.5
20 x 2.5	30 mm	330	244	457	337	367	270	507	374	20 x 1.5
22 x 2.5	34 mm	451	332	623	460	495	365	684	505	22 x 1.5
24 x 3.0	36 mm	571	421	790	583	623	459	861	635	24 x 2.0
30 x 3.0	46 mm	1175	867	1626	1199	1258	928	1740	1283	30 x 2.0

Typical Washer Installations



Lock Washer

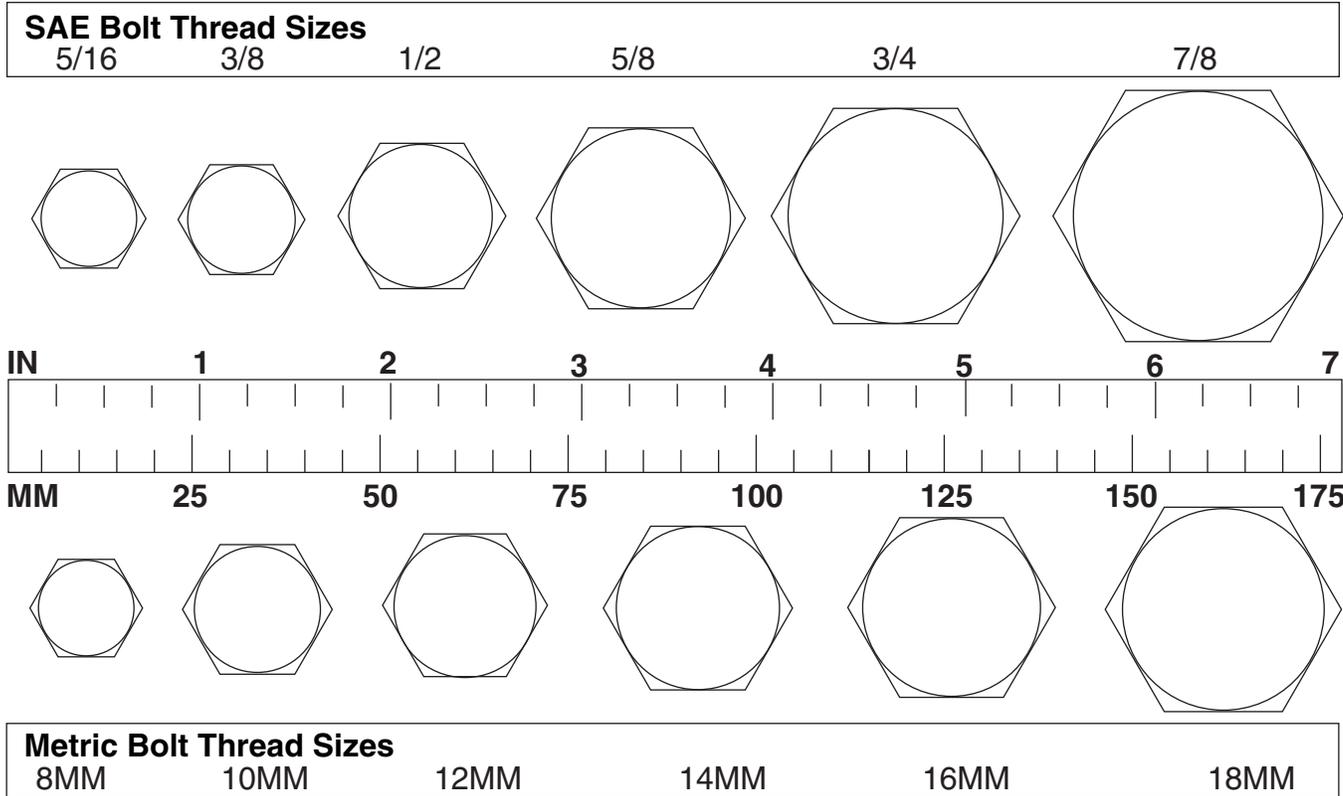
Flat Washer



8/9/00

BOLT SIZE CHART

NOTE: Chart shows bolt thread sizes and corresponding head (wrench) sizes for standard SAE and metric bolts.



ABBREVIATIONS

AG Agriculture
 ASABE American Society of Agricultural & Biological Engineers (formerly ASAE)
 ASAE..... American Society of Agricultural Engineers
 ATF.....Automatic Transmission Fluid
 BSPP..... British Standard Pipe Parallel
 BSPTM..... British Standard Pipe Tapered Male
 CV Constant Velocity
 CCW..... Counter-Clockwise
 CW Clockwise
 F Female
 FT..... Full Thread
 GA Gauge
 GR (5, etc.)..... Grade (5, etc.)
 HHCS Hex Head Cap Screw
 HT Heat-Treated
 JIC..... Joint Industry Council 37° Degree Flare
 LH..... Left Hand
 LT Left
 m Meter
 mm Millimeter
 M Male

MPa Mega Pascal
 N Newton
 NC..... National Coarse
 NF National Fine
 NPSM National Pipe Straight Mechanical
 NPT.....National Pipe Tapered
 NPT SWF..... National Pipe Tapered Swivel Female
 ORBM O-Ring Boss - Male
 P Pitch
 PBY.....Power-Beyond
 psi Pounds per Square Inch
 PTO.....Power Take Off
 QD Quick Disconnect
 RH..... Right Hand
 ROPS..... Roll-Over Protective Structure
 RPM.....Revolutions Per Minute
 RT Right
 SAE..... Society of Automotive Engineers
 UNC Unified Coarse
 UNF Unified Fine
 UNS Unified Special



WARRANTY

All Models Except Mow'n Machine™ Zero-Turn Mowers

Please Enter Information Below and Save for Future Reference.

Date Purchased: _____ From (Dealer): _____

Model Number: _____ Serial Number: _____

Woods Equipment Company ("WOODS") warrants this product to be free from defect in material and workmanship. Except as otherwise set forth below, the duration of this Warranty shall be for TWELVE (12) MONTHS COMMENCING ON THE DATE OF DELIVERY OF THE PRODUCT TO THE ORIGINAL PURCHASER.

All current model loaders and backhoes are warranted for two (2) years from the date of delivery to the original purchaser.

The warranty periods for specific parts or conditions are listed below:

Part or Condition Warranted	Model Number	Duration (from date of delivery to the original purchaser)
Gearbox Seals	All units listed below	2 years
Gearbox components	BW1260, BW1620, BW1800, BW2400	8 years
	BW240HD, BW180HD, BW180HB, BW126HB	7 years
	BB48X, BB60X, BB72X, BB84X, BB600X, BB720X, BB840X, BB6000X, BB7200X, BB8400X, DS1260, DSO1260, DS1440, TS1680, BW126-3, BW180-3, BW240	6 years
	PHD25, PHD35, PHD65, PHD95, 2162, 3240, DS96, DS120, RCC42, RM550-2, RM660-2, RD990X, PRD6000, PRD7200, PRD8400, S15CD, S20CD, S22CD, S25CD, S27CD, BW180LH, TC/R74, TC/R68, TC/R60, TBW144, TBW180, TBW204	5 years
	RDC54, RD60, RD72, TBW150C, TS/R60, TS/R52, TS/R44	3 years (1 year if used in rental or commercial applications)
Blade spindles	RM550-2, RM660-2, RD990X, PRD6000, PRD7200, PRD8400, TBW144, TBW180, TBW204	3 years
Rust-through	BB600, BB720, BB840, BB6000, BB7200, BB8400, BW126-3, BW126HB, BW180-3, BW180HB, BW180HD, BW1260, BW1800, BW240, BW240HD, 2162, 3240, DS1260, DSO1260, DS1440, TS1680	10 years

Under no circumstances will this Warranty apply in the event that the product, in the good faith opinion of WOODS, has been subjected to improper operation, improper maintenance, misuse, or an accident. This Warranty does not apply in the event that the product has been materially modified or repaired by someone other than WOODS, a WOODS authorized dealer or distributor, and/or a WOODS authorized service center. This Warranty does not cover normal wear or tear, or normal maintenance items. This Warranty also does not cover repairs made with parts other than those obtainable through WOODS.

This Warranty is extended solely to the original purchaser of the product. Should the original purchaser sell or otherwise transfer this product to a third party, this Warranty does not transfer to the third party purchaser in any way. There are no third party beneficiaries of this Warranty.

WOODS makes no warranty, express or implied, with respect to engines, batteries, tires or other parts or accessories not manufactured by WOODS. Warranties for these items, if any, are provided separately by their respective manufacturers.

WOODS' obligation under this Warranty is limited to, at WOODS' option, the repair or replacement, free of charge, of the product if WOODS, in its sole discretion, deems it to be defective or in noncompliance with this Warranty. **The product must be returned to WOODS with proof of purchase within thirty (30) days after such defect or noncompliance is discovered or should have been discovered, routed through the dealer and distributor from whom the purchase was made, transportation charges prepaid.** WOODS shall complete such repair or replacement within a reasonable time after WOODS receives the product. **THERE ARE NO OTHER REMEDIES UNDER THIS WARRANTY. THE REMEDY OF REPAIR OR REPLACEMENT IS THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY.**

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE OF THIS WARRANTY. WOODS MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND WOODS SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

WOODS shall not be liable for any incidental or consequential losses, damages or expenses, arising directly or indirectly from the product, whether such claim is based upon breach of contract, breach of warranty, negligence, strict liability in tort or any other legal theory. Without limiting the generality of the foregoing, Woods specifically disclaims any damages relating to (i) lost profits, business, revenues or goodwill; (ii) loss of crops; (iii) loss because of delay in harvesting; (iv) any expense or loss incurred for labor, supplies, substitute machinery or rental; or (v) any other type of damage to property or economic loss.

This Warranty is subject to any existing conditions of supply which may directly affect WOODS' ability to obtain materials or manufacture replacement parts.

No agent, representative, dealer, distributor, serviceperson, salesperson, or employee of any company, including without limitation, WOODS, its authorized dealers, distributors, and service centers, is authorized to alter, modify, or enlarge this Warranty. Answers to any questions regarding warranty service and locations may be obtained by contacting:

- ALITEC™**
- BMP®**
- CENTRAL FABRICATORS®**
- GANNON®**
- GILL®**
- WAIN-ROY®**
- WOODS®**



Woods Equipment Company

2606 South Illinois Route 2
Post Office Box 1000
Oregon, Illinois 61061 USA

800-319-6637 tel
800-399-6637 fax
www.WoodsEquipment.com



WARRANTY

(Replacement Parts For All Models Except Mow'n Machine™
Zero-Turn Mowers and Woods Boundary™ Utility Vehicles)

Woods Equipment Company ("WOODS") warrants this product to be free from defect in material and workmanship for a period of ninety (90) days from the date of delivery of the product to the original purchaser with the exception of V-belts, which will be free of defect in material and workmanship for a period of 12 months.

Under no circumstances will this Warranty apply in the event that the product, in the good faith opinion of WOODS, has been subjected to improper operation, improper maintenance, misuse, or an accident. This Warranty does not cover normal wear or tear, or normal maintenance items.

This Warranty is extended solely to the original purchaser of the product. Should the original purchaser sell or otherwise transfer this product to a third party, this Warranty does not transfer to the third party purchaser in any way. There are no third party beneficiaries of this Warranty.

WOODS' obligation under this Warranty is limited to, at WOODS' option, the repair or replacement, free of charge, of the product if WOODS, in its sole discretion, deems it to be defective or in noncompliance with this Warranty. **The product must be returned to WOODS with proof of purchase within thirty (30) days after such defect or noncompliance is discovered or should have been discovered, routed through the dealer and distributor from whom the purchase was made, transportation charges prepaid.** WOODS shall complete such repair or replacement within a reasonable time after WOODS receives the product. THERE ARE NO OTHER REMEDIES UNDER THIS WARRANTY. THE REMEDY OF REPAIR OR REPLACEMENT IS THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE OF THIS WARRANTY. WOODS MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND WOODS SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

WOODS shall not be liable for any incidental or consequential losses, damages or expenses, arising directly or indirectly from the product, whether such claim is based upon breach of contract, breach of warranty, negligence, strict liability in tort or any other legal theory. Without limiting the generality of the foregoing, Woods specifically disclaims any damages relating to (i) lost profits, business, revenues or goodwill; (ii) loss of crops; (iii) loss because of delay in harvesting; (iv) any expense or loss incurred for labor, supplies, substitute machinery or rental; or (v) any other type of damage to property or economic loss.

This Warranty is subject to any existing conditions of supply which may directly affect WOODS' ability to obtain materials or manufacture replacement parts.

No agent, representative, dealer, distributor, service person, salesperson, or employee of any company, including without limitation, WOODS, its authorized dealers, distributors, and service centers, is authorized to alter, modify, or enlarge this Warranty.

Answers to any questions regarding warranty service and locations may be obtained by contacting:

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2606 South Illinois Route 2
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www.WoodsEquipment.com

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