

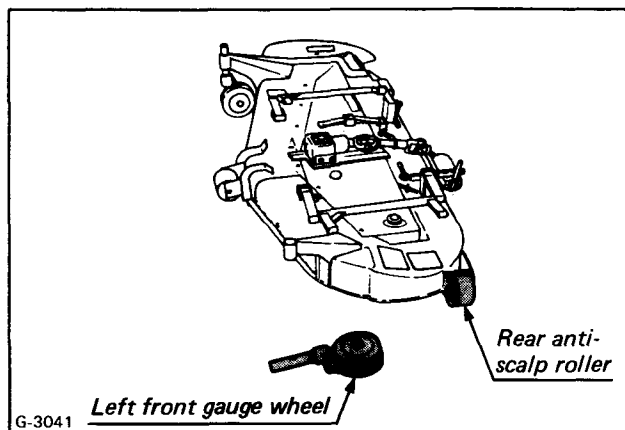
5. MOUNTING TO THE TRACTOR

- (1) Park the tractor on level ground and place the mower at the right side of tractor.

[NOTE]

(Only for RC72-25, and RC72-28)

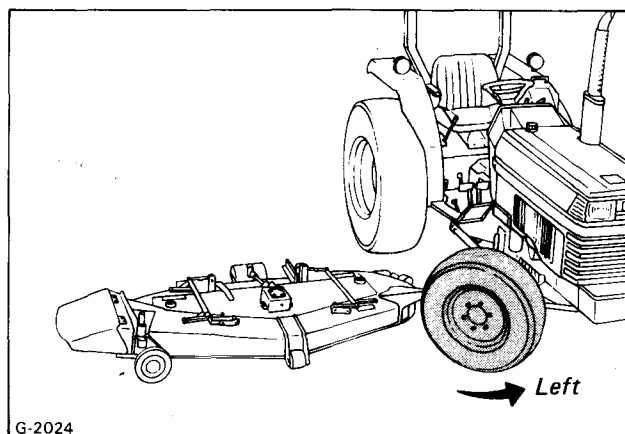
- The left front gauge wheel was left off to make sliding the mower under the tractor possible.



[CAUTION]

- SHUT OFF THE ENGINE, SET THE PARKING BRAKE, AND REMOVE THE KEY.

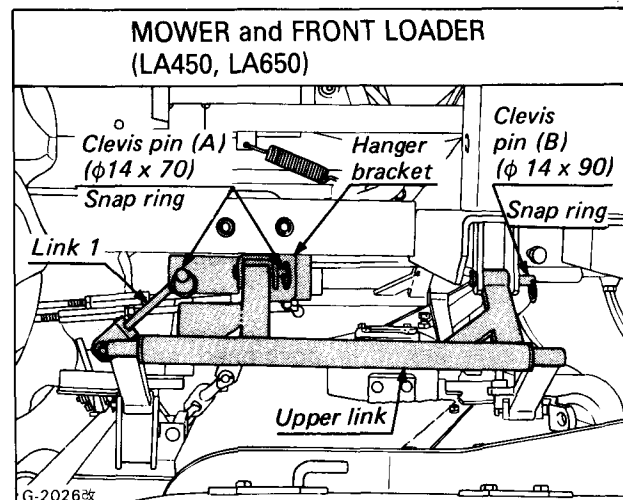
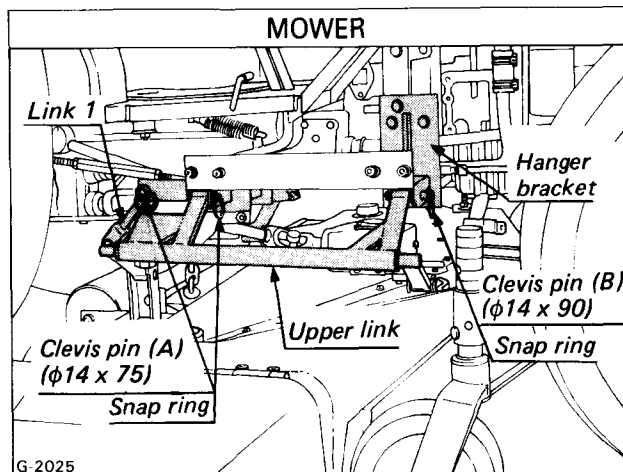
- (2) Remove the cover from the mid PTO shaft.
- (3) Turn the front wheels to the left. Pull the mower under the tractor from the left, then return the front wheels straight.

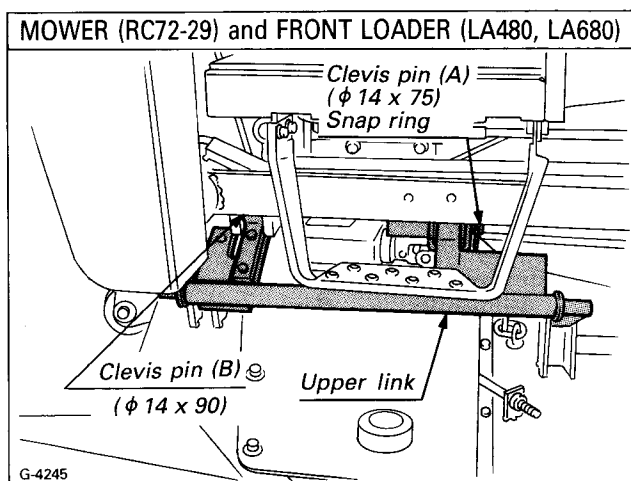
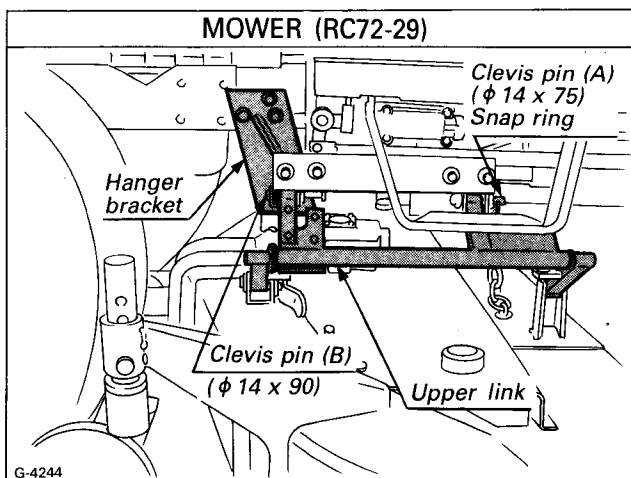


- (4) Attach the upper links to the hanger brackets with clevis pins (A), (B), plain washers and snap rings ($\phi 45$).

[NOTE]

- Length: Pin (A) < Pin (B)



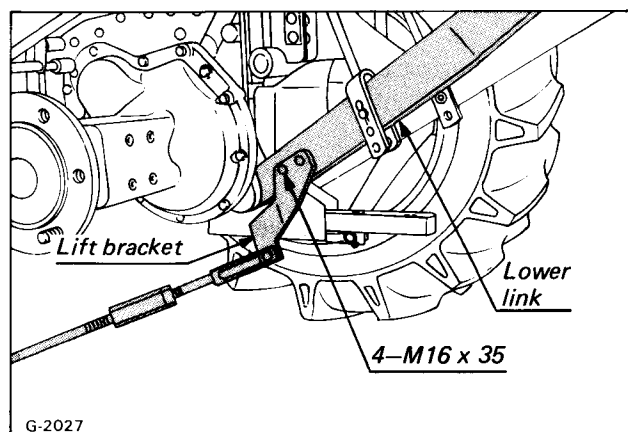


- (5) Attach the link 1 to the hanger bracket with clevis pin (A), plain washer and snap ring (φ 45).

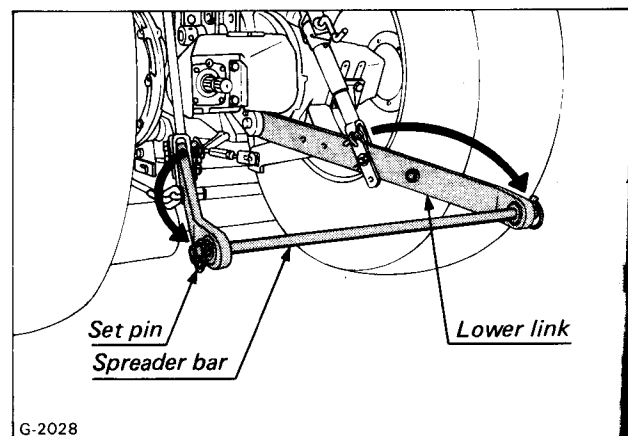
[NOTE]

- Be sure link 1 is positioned as shown on page 10.

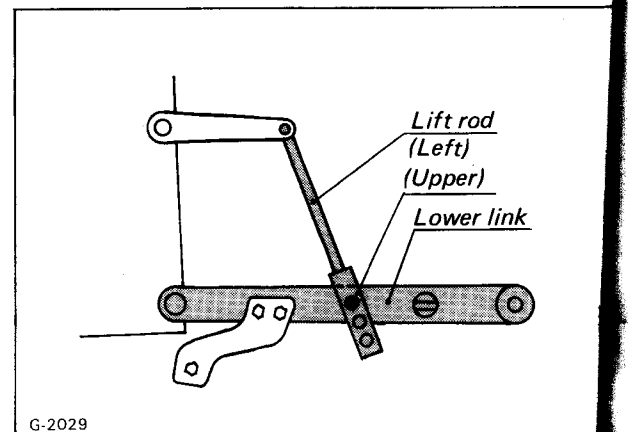
- (6) Attach the lift brackets to the lower links as illustrated.



- (7) Attach the spreader bar to the lower links with set pins.



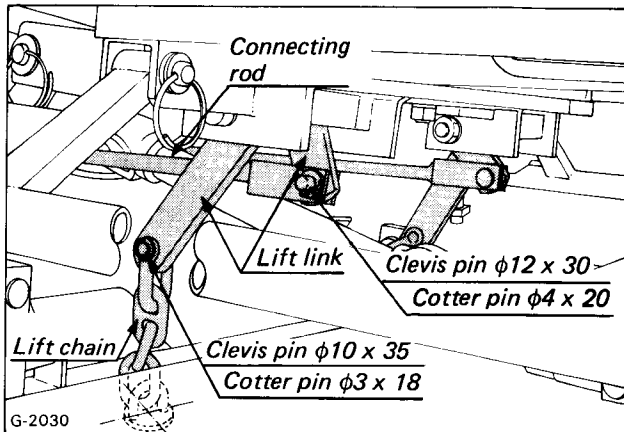
- (8) Connect lift rods to the lower links and adjust the length of both lift rods equally by the turn buckle on the right lift rod.



- (9) Connect the lift chains to the lift links with clevis pins, plain washers and cotter pins.

[NOTE]

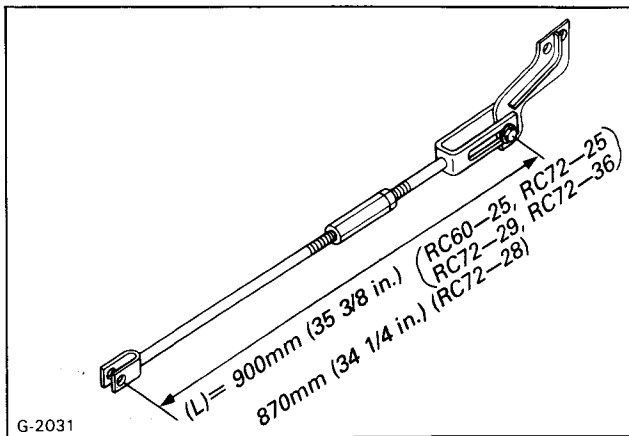
- Be sure the lift chains are not twisted.



- (10) Connect the connecting rods to the lift links with clevis pins, plain washers and cotter pins.

[NOTE]

- Make sure the length (L) of the mower connecting rods are
 900 mm (35 3/8 in.)... { RC60-25 RC72-29
 870 mm (34 1/4 in.)..... RC72-25 RC72-36
 870 mm (34 1/4 in.)..... RC72-28



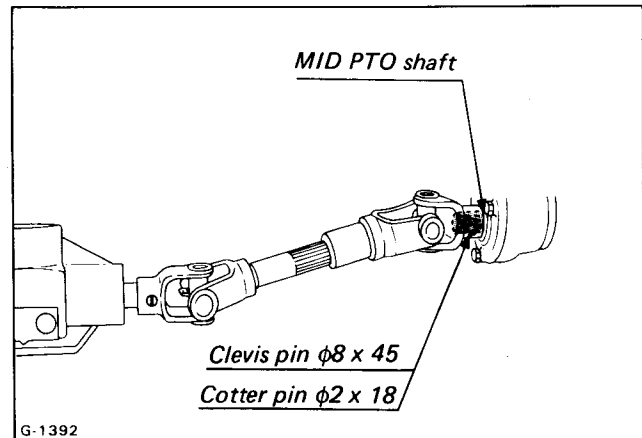
- (11) Mounting the universal joint

[Only for RC60-25, RC72-25, RC72-28]

Slide the universal joint onto the mid PTO shaft and secure it with the clevis pin, plain washer and cotter pin.

[IMPORTANT]

- SPREAD THE COTTER PIN COMPLETELY.



[Only for RC72-29, RC72-36]

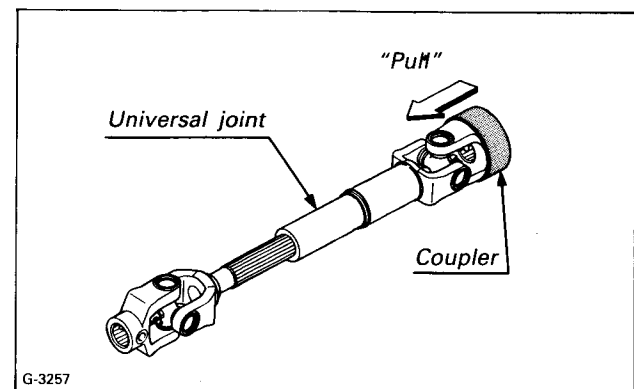
Pull back coupler of the universal joint.

Push the universal joint onto the PTO shaft until the coupler locks.

Slide the universal joint back and forward to make sure the universal joint is locked securely.

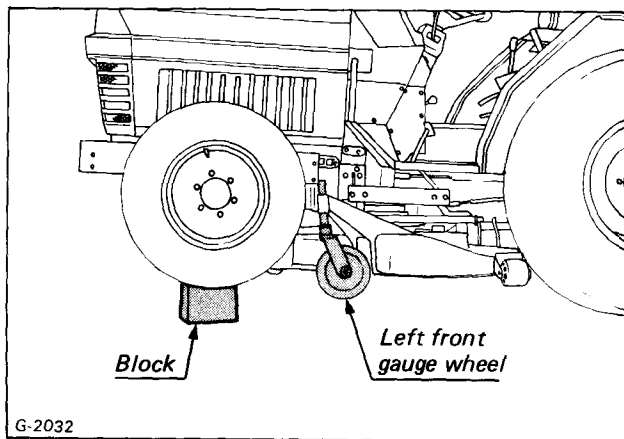
[IMPORTANT]

- Finally pull the universal joint to see if it is tight in position.

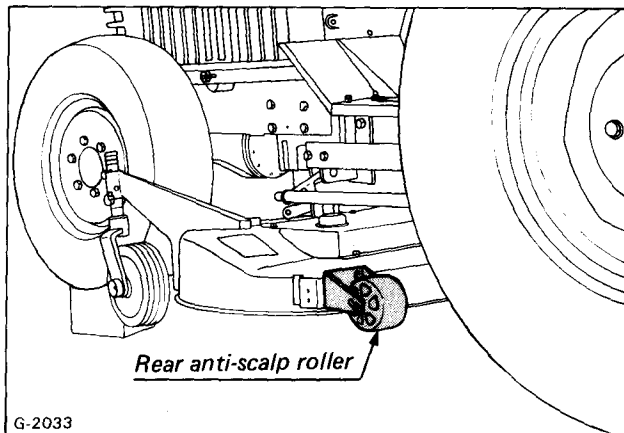


(12) (Only for RC72)

- a) Attach the left front gauge wheel to the mower deck as illustrated.



- b) Attach the both rear anti-scalp rollers according to the instructions [item 4.2 (5) on page 6].



6. MOWER ADJUSTMENTS



[CAUTION]

- KEEP BYSTANDERS AND ANIMALS AWAY FROM THE WORKING AREA.

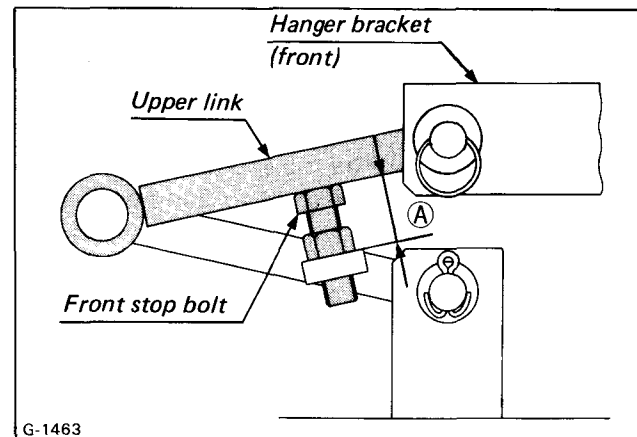
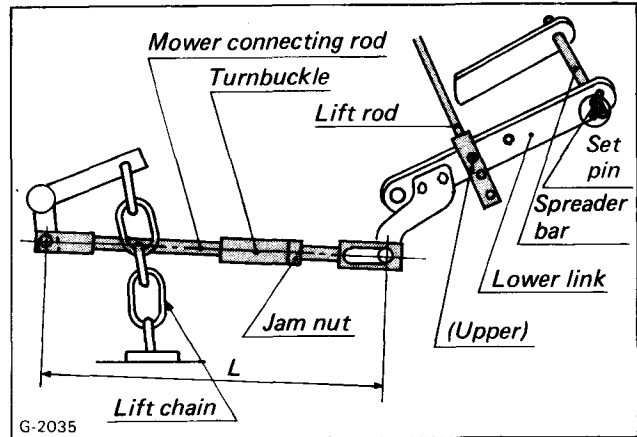
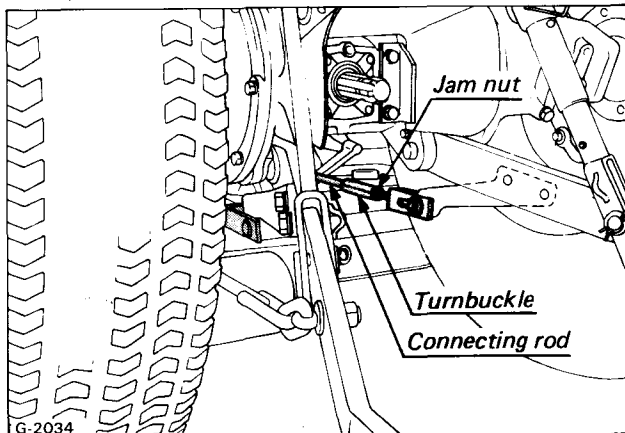
6.1 ADJUSTING THE MOWER CONNECTING ROD



[CAUTIONS]

- BEFORE STARTING THE ENGINE, DISENGAGE THE MID PTO AND SHIFT TRACTOR TRANSMISSION INTO NEUTRAL.
- SHUT OFF THE ENGINE, SET THE PARKING BRAKE, REMOVE THE KEY AND ALLOW THE BLADES TO STOP BEFORE MAKING ADJUSTMENTS.

- (1) Start the engine.
- (2) Raise the tractor lower links to the maximum lifting position and shut off the engine.
- (3) Adjust the length of both mower connecting rods with the turnbuckles until the front stop bolt heads just contact the upper links at the maximum lifting position of the mower.



- (4) Tighten the jam nut to the turnbuckle.

[IMPORTANT]

- PROPER ADJUSTMENT OF THE MOWER CONNECTING ROD LENGTH IS VERY IMPORTANT TO AVOID DAMAGE TO THE LIFT FRAME. DO NOT ADJUST THE LENGTH OF THE STOP BOLT.
- WHEN NOT USING 3-POINT HITCH ATTACHMENT, INSTALL THE SPREADER BAR TO THE LOWER LINKS SECURELY.

7. OPERATION

7.1 MAKING THE MOST OF YOUR MOWER

- (1) When using your mower for the first time, choose a smooth level area and cut in straight and slightly overlapping strips.
- (2) The size and type of the area to be mowed will determine the proper mowing pattern. Take into account obstructions, such as trees, fences and buildings. To keep grass cuttings off fences, sidewalks, etc., it is advisable to go over the outside of the area to be mowed several times in a clockwise direction. To mow the area remaining, work in a counterclockwise direction so the cuttings are dispersed onto the previously cut area.
- (3) Always keep the left side of the mower toward trees, posts or other obstacles on the first trip around the obstacle.
- (4) Most lawns should be mowed to keep the grass approximately 5 to 8cm (2 to 3 in.) high. Best results are obtained by cutting often and not too short. To keep a green lawn, never mow more than one third off the height of the grass or a maximum of 2.5cm (1 in.) in one mowing. For extremely tall grass, set the cutting height at maximum for the first mowing, then reset to the desired height and mow again. Allow the grass to grow to three inches, then cut off only the top inch.
- (5) On thick or springy grass or soft ground, the mower rollers may sink into the ground giving too low a cut. Adjust the cutting height to get the desired height of cut.
- (6) For best appearance, grass should be cut in the afternoon or evening when it is free of moisture.

7.2 CUTTING HEIGHT



[CAUTION]

- NEVER OPERATE MOWER IN TRANSPORT POSITION.

- (1) To set the cutting height, adjust both of the front gauge wheels, the rear gauge wheel and the anti-scalp rollers as shown in the figure. Cutting height can be adjusted from 38mm to 102mm (1.5 in. to 4 in.) for RC60-25 and from 38mm to 115mm (1.5 in. to 4.5 in.) for RC72.

(RC60-25)

	FRONT WHEEL	REAR WHEEL	ANTI-SCALP ROLLER
CUTTING HEIGHT			
1 1/2 in.	C — X	1	I
2 in.	C — Y	2	I
2 1/2 in.	B — X	3	II
3 in.	B — Y	4	II
3 1/2 in.	A — X	5	III
4 in.	A — Y	6	III

(RC72)

	FRONT WHEEL	REAR WHEEL	ANTI-SCALP ROLLER
CUTTING HEIGHT			
1 1/2 in.	D — Y	1	I
2 in.	C — X	2	I
2 1/2 in.	C — Y	3	II
3 in.	B — X	4	II
3 1/2 in.	B — Y	5	III
4 in.	A — X	6	III
4 1/2 in.	A — Y	7	III

[NOTE] (For L3600, 4WD+RC72-36)

- When install front tires (27 X 8.5 - 15 N) cutting height can be adjusted from 35mm to 102mm (1.5 into 4.0 in.) for 72.
- (2) Lower the mower deck by pushing the hydraulic control lever forward. This lowers the mower deck from the transport position to the operating position.
 - (3) Use the higher setting for mowing in a rough area or when mowing high grass. Lower setting should be used only for smooth lawns where short grass is desired.

7.3 OPERATING MOWER



[DANGER]

- DO NOT OPERATE MOWER WITHOUT DISCHARGE DEFLECTOR PROPERLY BOLTED IN PLACE.



[CAUTIONS]

- REMOVE FOREIGN OBJECTS, SUCH AS ROCKS, CANS, BOTTLES, ETC., FROM THE AREA TO BE MOWED.
- DO NOT DIRECT THE OPENING OF THE DEFLECTOR AT BYSTANDERS OR ANIMALS. EJECTED OBJECTS MAY CAUSE INJURY. PLAN YOUR MOWING CAREFULLY BEFORE STARTING OPERATIONS.
- KEEP BYSTANDERS AND ANIMALS AWAY FROM THE MOWING AREA.
- BE SURE TO DISENGAGE THE MID PTO AND SHFT TRANSMISSION INTO NEUTRAL BEFORE STARTING THE TRACTOR ENGINE.
- WHEN NOT USING THE MOWER, SHIFT THE PTO LEVER TO NEUTRAL POSITION.
- DO NOT OPERATE REAR-PTO DRIVEN IMPLEMENTS AND MID-PTO DRIVEN MOWER AT THE SAME TIME.

- (1) Keep the engine running at full throttle for best results. Control travel speed by changing gear shift lever and range selector lever.
- (2) Place the PTO lever in the HIGH (2nd speed) position. (RC60-25, RC72-25, RC72-28)

[IMPORTANT]

- READ THE TRACTOR OPERATOR'S MANUAL CAREFULLY.
- (3) During heavy duty use, operate the tractor at a slower ground speed or go over the area twice.
 - (4) Keep the mower deck and gauge wheels in the raised position when the mower is not being used.
 - (5) The mower will not cut cleanly if the ground speed is too high or if the blade speed drops due to an overload.

[NOTE]

- To prevent the engine from overheating, keep the radiator and radiator net clean.

7.4 USING 3 POINT HITCH ATTACHMENT AND FRONT LOADER



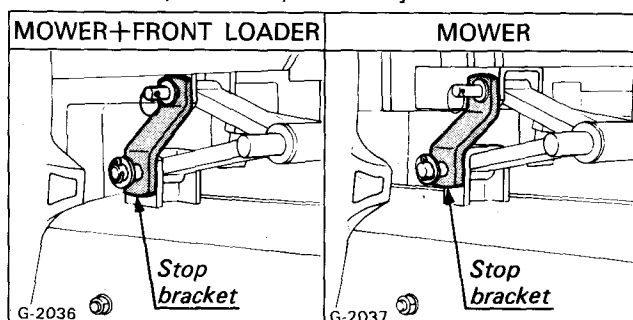
[CAUTIONS]

- WHEN NOT USING THE MOWER, SHIFT THE PTO LEVER TO NEUTRAL POSITION.
- DO NOT OPERATE REAR-PTO DRIVEN IMPLEMENTS AND MID-PTO DRIVEN MOWER AT THE SAME TIME.

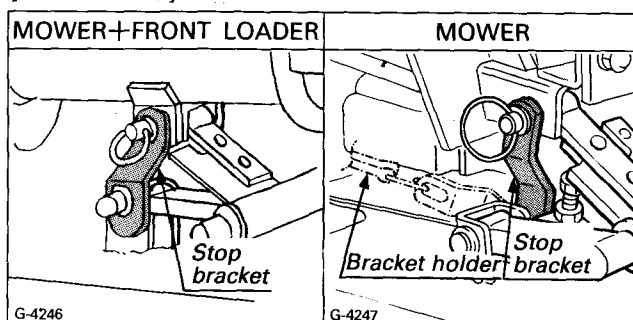
To use 3 point hitch mounted attachment and front loader when the mower is attached, use the following procedure.

- (1) Hold the mower deck at the raised position.
- (2) Attach the stop brackets to the hanger brackets as illustrated.

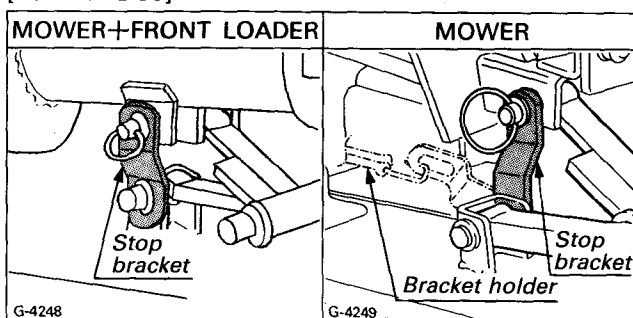
[For RC60-25, RC72-25, RC72-28]



[For RC72-29]



[For RC72-36]

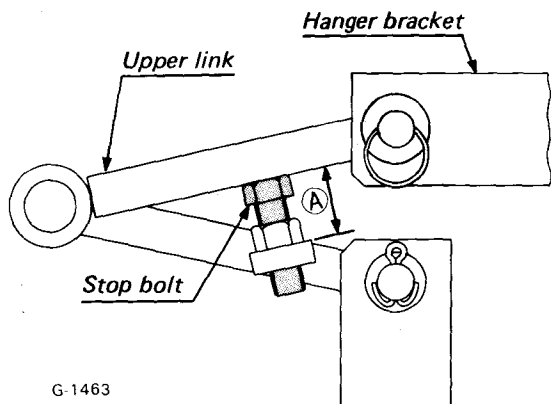


[NOTE]

- When not using stop bracket,
 - (1) If stop brackets are installed to use 3 point hitch attachments, connect them with bracket holder as illustrated to prevent damage of mower links.
 - (2) Do not use bracket holder, when attaching mower and front loader.

[IMPORTANT]

- DO NOT CHANGE THE LENGTH OF THE MOWER CONNECTING RODS.
- DO NOT CHANGE THE LENGTH [Ⓐ] OF THE STOP BOLTS.

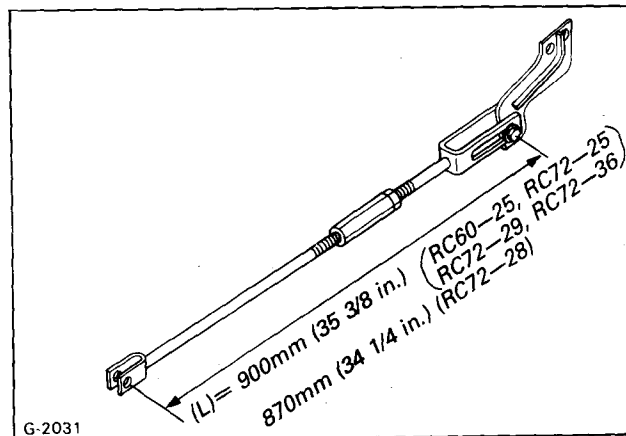


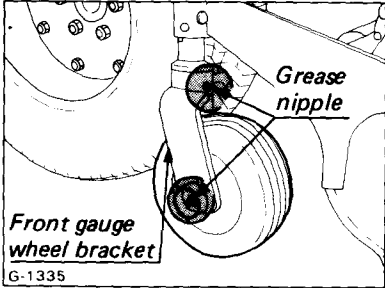
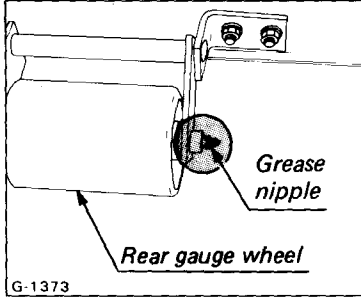
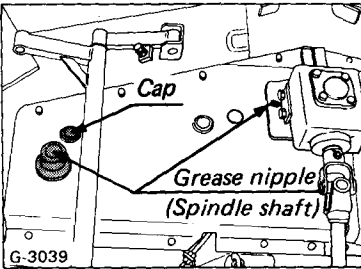
- (3) Set the front gauge wheels and the rear gauge wheel in the highest position to get the maximum ground clearance.

[NOTE]

- Make sure the length (L) of the mower connecting rods are

900 mm (35 3/8 in.)...	{ RC60-25 RC72-29
870 mm (34 1/4 in.).....	{ RC72-25 RC72-36
	RC72-28



Interval	Item	Remarks	
Every 50 hrs.	3. Grease wheels.	(1) Grease nipples of front gauge wheel bracket. (2) Grease nipples of front and rear gauge wheels. (Use SAE multipurpose grease.)	 
	4. Grease three spindle shafts.	Grease nipples under caps.	
	5. Check belt tension.	The length of tension spring should be 160mm (6.3 in.) ... RC60-25 165mm (6.5 in.) ... RC72	Refer to 8.3 BELT REPLACEMENT
Every 150 hrs.	1. Clean mower deck beneath shield.	1. Remove shield. 2. Remove grass clippings, chaff and debris from the top of the mower deck. 3. Reinstall shield.	
	2. Change gear oil.	1. Remove drain plug and drain oil. 2. Refill with 0.70ℓ (0.74qts) ... RC60-25 0.75ℓ (0.79qts) ... RC72 of SAE 90 gear oil.	

- [NOTE]
- (1) Use SAE 90 gear oil in all seasons.
 - (2) Change oil in gear box after first 50 hrs. and every 150 hrs. thereafter.
 - (3) Check oil level of gear box before operation.
 - (4) After checking above items, replace any worn, damaged or missing parts.
 - (5) Dry deck completely before storage, or pulley belt damage can result.

8.2 BLADE REPLACEMENT

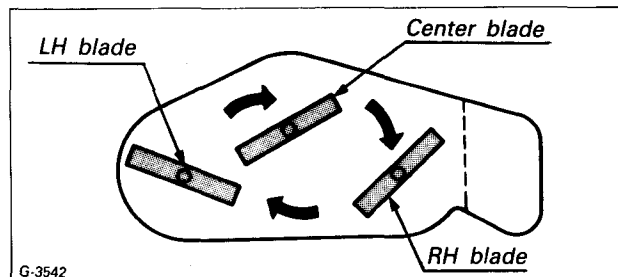


[CAUTION]

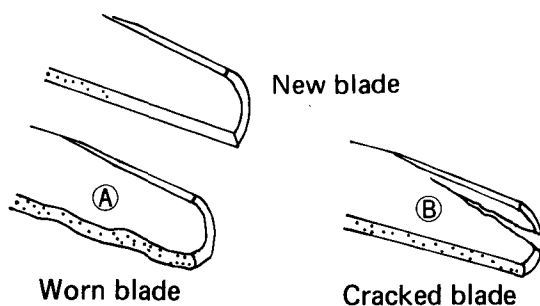
- ALWAYS HANDLE THE BLADE WITH CARE TO AVOID INJURY.

[IMPORTANT]

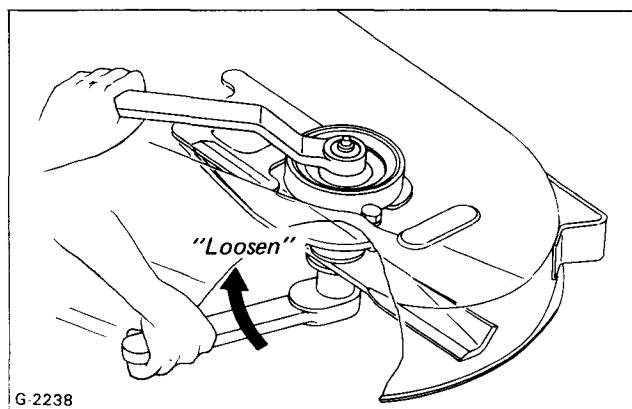
- THE BOLT (BLADE) HAS R.H. THREADS. TURN IT COUNTERCLOCKWISE TO LOOSEN.
- TO PROLONG THE SERVICE LIFE OF THE BLADE, REPOSITION ITS SECTIONS EACH OTHER AS SHOWN IN THE FIGURE BELOW.



The blade cutting edges should be kept sharp at all times. Sharpen the cutting edges, if they resemble the blade in figure (A). Replace the blades if they appear similar to the blade as shown in figure (B).



- (1) Remove the mower from the tractor and turn it over to expose the blades.
- (2) Wedge a block of wood between the blade and mower housing or install box wrench over pulley nut to prevent spindle from rotating while removing blade bolts, then loosen the blade bolt as illustrated.



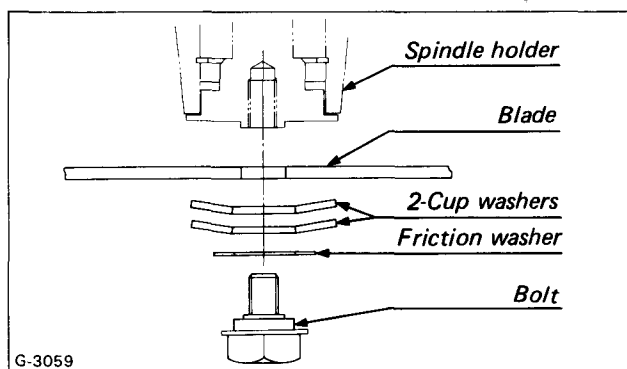
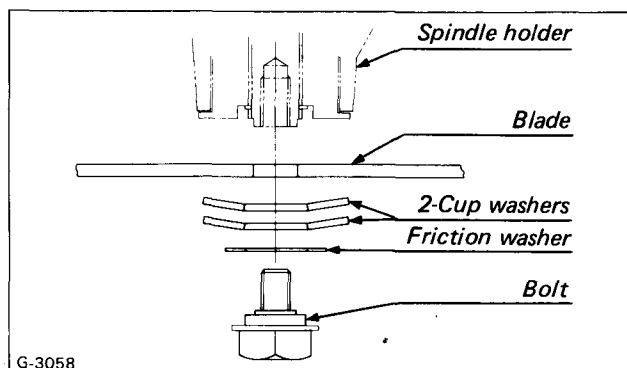
[CAUTION]

- WEAR HEAVY GLOVES WHEN REMOVING BLADE.

[NOTE]

- Use the proper metric size box or socket wrench to tighten or loosen the blade mounting bolt.

- (3) To sharpen the blades, clamp the blade securely in a vise. Use a large mill file and file along the original bevel until sharp.
- (4) To check the blade for balance, place a small rod through the center hole. The blade should balance on this rod. If the blade is not balanced, file the heavy side of the blade until balance is achieved.
- (5) To attach the blades, be sure to install the friction washer and two cup washers between the blade and bolt head.



[NOTE]

- Make sure the cup washer is not flattened out or worn, causing blade to slip easily. Replace both two cup washers and friction washer if either is damaged.

[IMPORTANT]

- TIGHTEN THE (BLADE) BOLT TO 18 TO 22 kgf·m (130 TO 160 ft·lbs.) OF TORQUE.

10. LONG-TERM STORAGE

10.1 WINTER STORAGE

On completion of the grass cutting season you are advised to carry out the following on the mower cutting deck.

- (1) Remove the mower deck covers.
- (2) Slacken off the drive belt tensioner and remove the drive belt.
- (3) Clean all pulleys and wipe with a dry cloth.
- (4) Clean all grass and dirt from the mower deck top.

[NOTE]

- If you refit the drive belt do not adjust the tensioner to tighten the drive belt. Leave the drive belt slack. Readjust prior to the next grass cutting season.

PACKING LIST

MODEL RC72-36

K 5871-83143

PARTS NAME	UNIT	REMARKS
MOWER DECK ASS'Y	1	
DISCHARGE CHUTE ASS'Y	1	
ROD ASS'Y	2	
REAR GAUGE WHEEL ASS'Y	1	
HANGER BRACKET ASS'Y(REAR)	1	
LOWER LINK ROD	1	
FRONT ROD ASS'Y	1	
FRONT GAUGE WHEEL ASS'Y(R.H)	1	
FRONT GAUGE WHEEL ASS'Y(L.H)	1	
SIDE PLATE ASS'Y	2	
ANTI-SCALP ROLLER ASS'Y	2	
FRONT ANTI-SCALP ROLLER ASS'Y	1	
ROLLER ASS'Y	2	
BRACKET ASS'Y	1	
HANGER BRACKET(F.R.H)	1	
HANGER BRACKET(F.L.H)	1	
ADJUSTING PLATE ASS'Y	1	
PLATE	1	
OPERATOR'S MANUAL	1	
SPRING	1	
BOLT M14×30	6	
BOLT M16×35	4	
BOLT(W.S) M12×30	2	
STUD BOLT M12×40	2	
WASHER Spring M16	4	
WASHER Spring M14	6	
WASHER Spring M12	2	
WASHER plain M14	2	
NUT M12	2	
PLUG PT1/4	1	
SNAP RING	2	
COMP RUBBER	1	
LINK ASS'Y	1	

CASE