



OPERATOR'S MANUAL

SETTING UP INSTRUCTIONS
PARTS LIST

Blade
(42-inch)

for

INTERNATIONAL[®]
CUB[®] CADET
Tractor

INTERNATIONAL HARVESTER COMPANY

180 North Michigan Ave.

Chicago 1, Illinois, U. S. A.



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INTRODUCTION

The 42 inch Blade is designed for front mounting on the International Cub Cadet Tractor.

The blade is raised and lowered by means of the tractor lift lever handle operating a solid lift rod connected to the lower link assembly lifting arm.

The blade is used primarily for clearing snow, leveling piles of soft dirt or sand, and lightweight dozer jobs. This blade is equipped with two adjustable shoes to hold the cutting edge above the ground level for use in snow removal operations.

The cutting edge is bolted to the blade and is replaceable. Since the cutting edge receives constant wear, it is also reversible so that both edges may be used.

It is the policy of International Harvester Company to improve its products whenever it is possible and practical to do so. We reserve the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously.

INSTRUCTIONS FOR ADJUSTING AND OPERATING RAISING AND LOWERING THE BLADE

To raise the blade, pull the lift lever handle "A" (Illustr. 1) to the rear. To lower the blade, push the handle to the forward position.

The blade can be set "free to float" by depressing the trip lever handle release button and securing it in this position with the lock pin "B". See Illustr. 1.

The blade is provided with a two-position lift by means of the adjusting holes "C" (Illustr. 3) in the lifting arm.

Using the rear hole sets the blade in the lower range for use in skimming or cleaning the snow off of driveways and walks or for lightweight dozer jobs, etc.

Using the front hole sets the blade in the upper range to remove the tops from snow banks so additional snow may be removed from the drive or walkways and banked to one side.

In either range, the blade can be set and maintained at one of five different height adjustments by securing the lift lever handle in a quadrant notch at "D". See Illustr. 1.

ANGLING THE BLADE

The blade can be set in five positions; straight ahead, or angled to the right or left 15 or 30 degrees. In the angled position, the soil or snow is moved to one side of the tractor.

To adjust the angle of the blade, insert the cotter pin "E" (Illustr. 3) in the selected hole in the adjusting arm.

SAFETY SHEAR PIN

The cotter pin "E" (Illustr. 3) provided in the adjusting tube and rod assembly is designed to shear when an obstruction is hit by the blade. The shearing of the cotter pin is a safety feature which protects the tractor and blade from shock load damage.



CAUTION! Exercise caution when using the blade at high speeds. If caution is not used, collisions with hidden obstacles may unseat the driver.

INSTRUCTIONS FOR SETTING UP

1. Insert the lift rod through the hole in the tractor frame from the front and connect it to the lift lever handle. Secure, using a cotter pin. See Illustr. 2.

2. Bolt the mounting plates to the tractor frame, using six 1/2 x 1" hex-hd. machine bolts and lock washers. See Illustr. 1.

3. Attach the upper link assembly to the tractor frame, using the short pivot pin and two cotter pins in the upper holes. See Illustr. 3.

4. Place the carrying ring, with the extra cotter pins, on the lower parallel link assembly. Connect the lift rod to the lifting arm on the lower link assembly at a selected hole "C" and secure with a quick-attachable cotter pin; then attach the lower link assembly and the blade adjusting tube to the mounting plate, using the long pivot pin and two cotter pins. See Illustr. 3.

NOTE: The extra cotter pins (shear pins) on the carrying ring are provided for the operator's convenience should a replacement be necessary.

5. Attach the blade to the upper and lower link assemblies and secure, using two headed pins and cotter pins. See Illustr. 3.

6. Insert the adjusting rod in the adjusting tube, securing with a cotter pin, and in the blade, securing with a plain washer and cotter pin. See Illustr. 3.

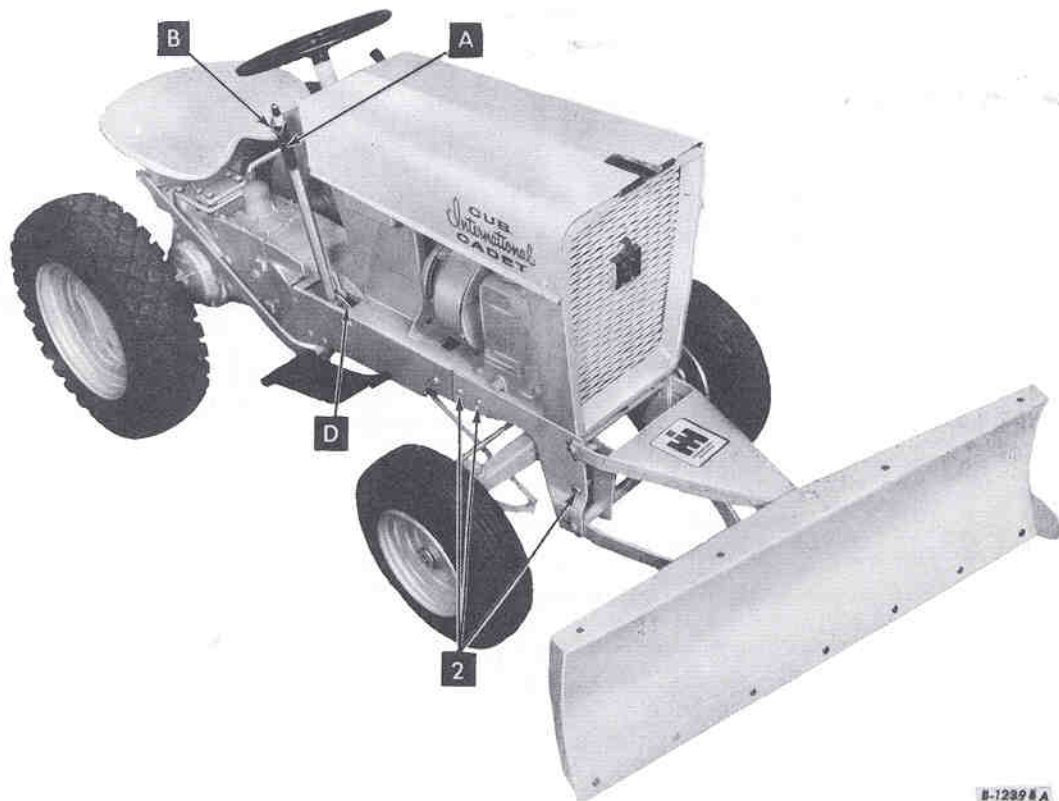
NOTE: Adjust the rod to give the desired blade angle.

7. Bolt the left blade tip to the blade, using two 3/8 x 1" hex-hd. machine bolts, lock washers, and nuts. See Illustr. 3.

The blade tip aids the blade to "ride over" raised edges as on raised sections of sidewalks and driveways while the blade is angled to throw material to the right.

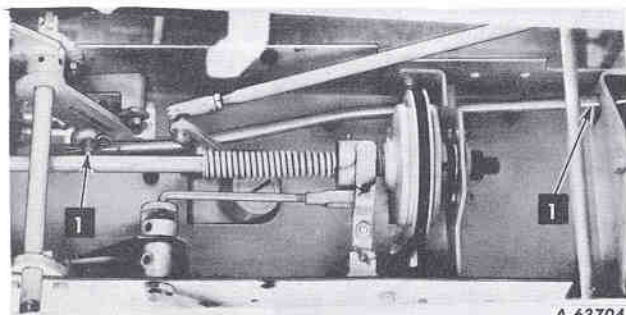
8. Assemble the skid shoes to the blade and secure, using a 1/2" hex. nut on each side of the reinforcement plate. See Illustr. 3.

Adjust the height of the shoe, as required, to ride over the surfaces during snow removal. Tighten the nuts securely after making an adjustment.



B-1299 A

Illust. 1



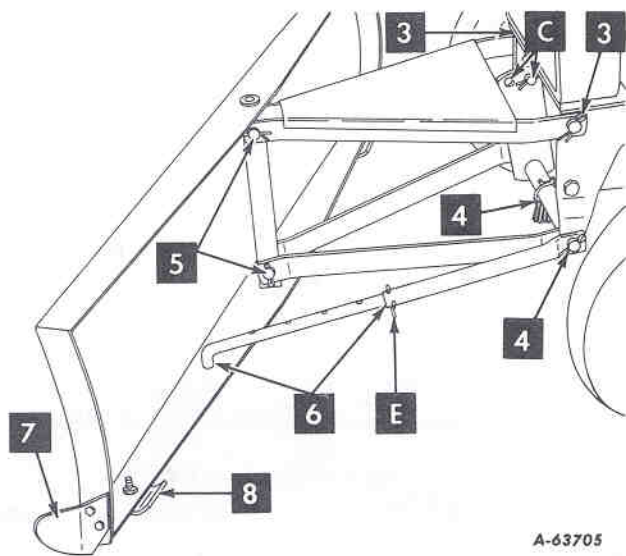
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Illust. 2

SNOW DEFLECTOR (Special)

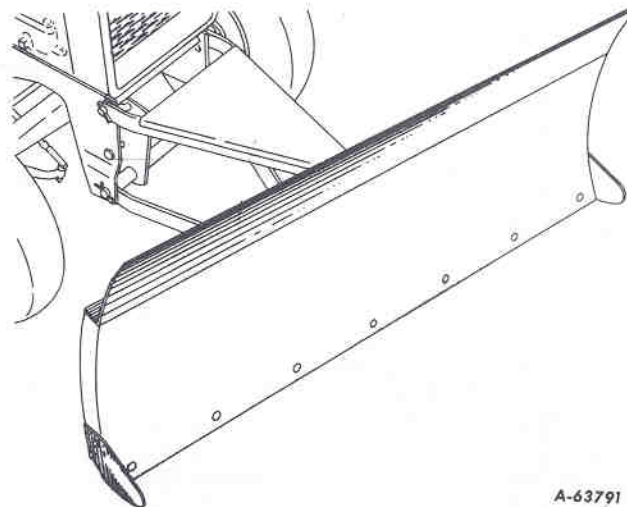
The snow deflector bolts to the top of the blade. It extends the height of the blade to increase the capacity of snow removal.

The right blade tip is provided to aid the right corner of the blade to "ride over" raised sections of sidewalks and driveways.



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Illust. 3



A-63791

Illust. 4



K-3962A

Illustr. 1



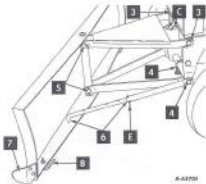
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Illustr. 2

SNOW DEFLECTOR (Special)

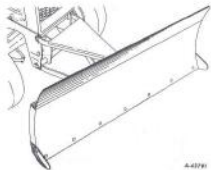
The snow deflector bolts to the top of the blade. It extends the height of the blade to increase the capacity of snow removal.

The right blade tip is provided to aid the right corner of the blade to "ride over" raised sections of sidewalks and driveways.



6-62701

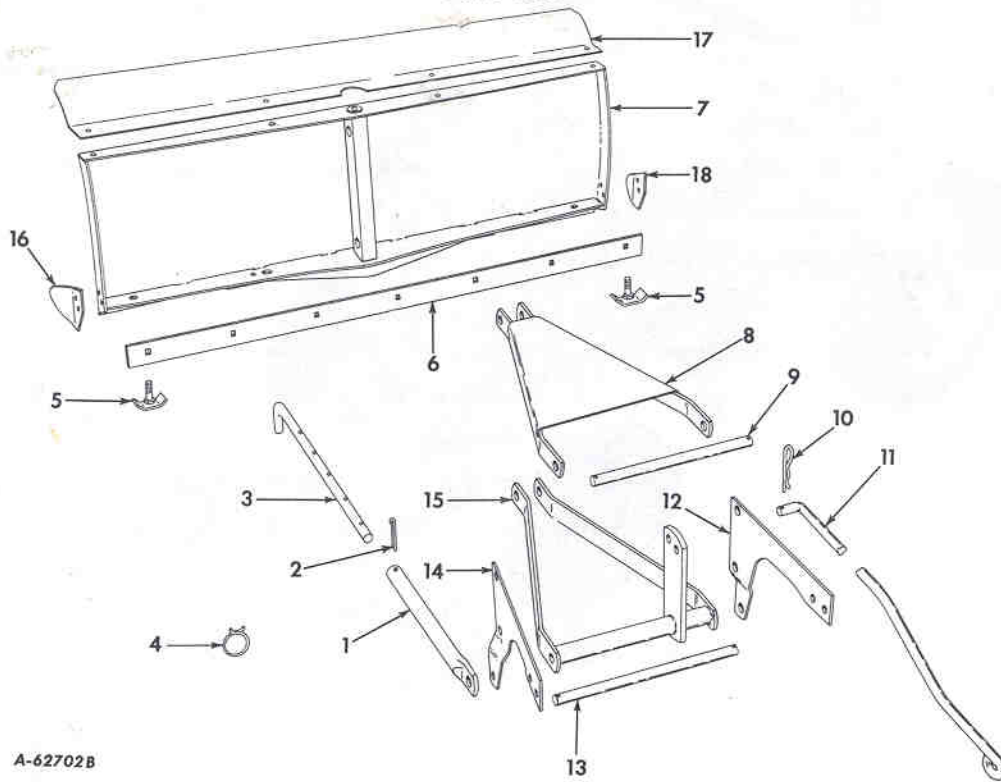
Illustr. 3



A-43701

Illustr. 4

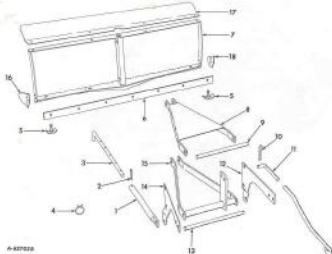
Parts List



A-62702B

Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
1	464 385 R1	TUBE, adjusting	13	464 382 R1	PIN, rear lower
2		3/16 x 1-5/8" cotter PIN (Shear pin)			3/16 x 1-1/4" cotter PIN (2)
3	465 380 R1	ROD, adjusting	14	465 208 R1	PLATE, mounting L. H.
		3/16 x 1-1/4" cotter PIN			1/2 x 1" hex-hd. machine BOLT (3)
		21/32 x 1-1/4" x 11 ga. WASHER			1/2" hex NUT
4	460 494 R1	RING, shear pin	15	464 375 R91	LINK ASSEMBLY, lower
5	465 376 R11	SHOE ASSEMBLY, skid			3/16 x 1-1/4" cotter PIN
		1/2" hex-jam NUT (4)		453 116 R1	5/8 x 2-3/8 std. -hd PIN
6	464 371 R2	EDGE, cutting	16	465 377 R1	TIP, blade L. H.
		5/16 x 3/4" crg. BOLT w/NUT (7)			3/8 x 1" hex-hd. machine BOLT (2)
		5/16 lock WASHER (7)			3/8" hex NUT (2)
7	465 365 R92	BLADE ASSEMBLY			3/8" lock WASHER (2)
8	464 374 R91	LINK with DECALCOMANIA, Upper	17	465 379 R1	DEFLECTOR, snow (Special)
		3/16 x 1-1/4" cotter PIN			5/16 x 3/4" hex-hd. machine BOLT (4)
	6 642	5/8 x 2-1/4" std. -hd. PIN			5/16" hex NUT (4)
9	464 381 R1	PIN, rear pivot			5/16" lock WASHER (4)
		3/16 x 1-1/4" cotter PIN (2)	18	465 378 R1	TIP, blade R. H.
10	610 784 R1	PIN, quick-attachable cotter			(Included with Snow Deflector)
11	464 387 R1	ROD, lift			3/8 x 1" hex-hd. machine BOLT (2)
		1/8 x 7/8" cotter PIN			3/8" hex NUT (2)
12	465 209 R1	PLATE, mounting R. H.			3/8" lock WASHER (2)
		1/2 x 1" hex-hd. machine BOLT (3)			
		1/2" hex NUT			
		1/2" lock WASHER (3)			

Parts List



4-22722

Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
1	464 385 R1	TUBE, adjusting	13	464 382 R1	PIN, rear lower
2		3/16 x 1-5/8" cotter PIN (Shear pin)			3/16 x 1-1/4" cotter PIN (2)
3	465 380 R1	ROD, adjusting	14	465 208 R1	PLATE, mounting L.H.
		3/16 x 1-1/4" cotter PIN			1/2 x 1" hex-hd. machine BOLT (3)
		21/32 x 1-1/4" x 11 ga. WASHER			1/2" hex NUT
4	450 494 R1	RING, shear pin.			1/2" lock WASHER (3)
5	465 376 R11	SHOE ASSEMBLY, skid	15	464 375 R91	LINK ASSEMBLY, lower
		1/2" hex-jam NUT (4)			3/16 x 1-1/4" cotter PIN
6	464 371 R2	EDGE, cutting		455 116 R1	5/8 x 2-3/8 std. -hd PIN
		5/16 x 3/4" org. BOLT w/NUT (7)			5/8 x 2-3/8 std. -hd PIN
		5/16 lock WASHER (7)	16	465 377 R1	TIP, blade L.H.
7	465 365 R92	BLADE ASSEMBLY			3/8 x 1" hex-hd. machine BOLT (2)
8	464 374 R91	LINK with DECALCOMANIA, Upper			3/8" hex NUT (2)
		3/16 x 1-1/4" cotter PIN			3/8" lock WASHER (2)
	4 642	5/8 x 2-1/4" std. -hd. PIN	17	465 379 R1	DEFLECTOR, snow (Special)
9	464 381 R1	PIN, rear pivot			5/16 x 3/4" hex-hd. machine BOLT (4)
		3/16 x 1-1/4" cotter PIN (2)			5/16" hex NUT (4)
10	610 784 R1	PIN, quick-attachable cotter			5/16" lock WASHER (4)
11	464 387 R1	ROD, lift	18	465 378 R1	TIP, blade R.H.
		1/8 x 7/8" cotter PIN			(Included with Snow Deflector)
12	465 209 R1	PLATE, mounting R.H.			3/8 x 1" hex-hd. machine BOLT (2)
		1/2 x 1" hex-hd. machine BOLT (3)			3/8" hex NUT (2)
		1/2" hex NUT			3/8" lock WASHER (2)
		1/2" lock WASHER (3)			