

HONDA

Power

Equipment

HTA

OPERATOR'S MANUAL

TANDEM ROW DISK HARROW

for

LIGHT DUTY TRACTORS

with

CATEGORY 0 3-POINT HITCH

Thank you for purchasing an HTA attachment for your Honda Lawn Tractor.

This manual covers the assembly, operation, and maintenance for the HTA Tandem Row Disk Harrow. For your convenience, a parts guide and detailed warranty information are also included in this publication.

NOTE: The illustrations in this manual are intended to serve as a reference and may not necessarily depict the actual model listed above. The information in this publication is based on the latest product information available at the time of printing. American Honda Motor Co., Inc. reserves the right to make changes at any time without notice and without incurring any obligation.

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Pay special attention to the statements preceded by the following symbols:



: This safety alert symbol identifies important safety messages in this manual. Whenever you see, it be alert to the possibility of personal injury and carefully read the message that follows.



DANGER: Indicates severe personal injury or death will result if instructions are not followed.



WARNING: Indicates a strong possibility of severe personal injury or death if instructions are not followed.



CAUTION: Indicates a possibility of equipment damage if instructions are not followed.

NOTE: Gives helpful information.

HTA attachments are designed to give safe and dependable service if assembled and operated according to instructions.

If a problem should arise, or if you have any questions about your disk harrow, consult an authorized Honda HTA dealer.

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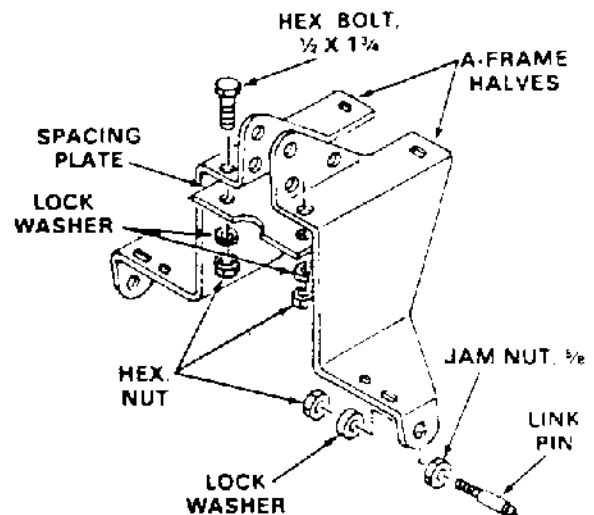
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ASSEMBLY

UPPER FRAME

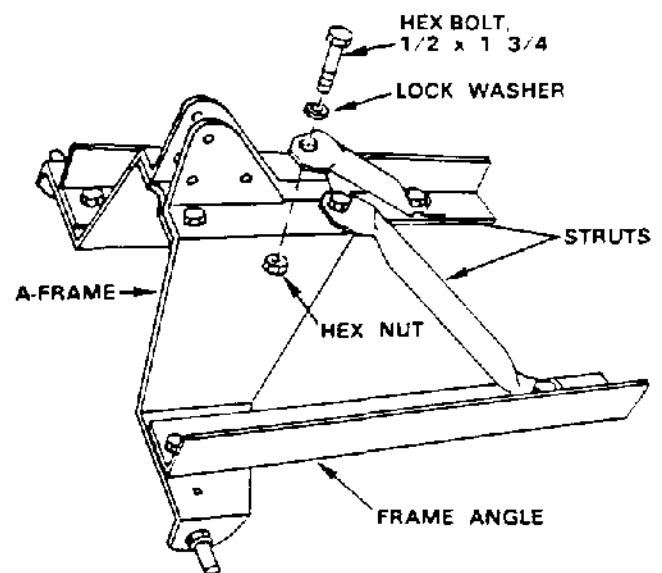
1. Assemble the link pins to the A-frame halves using 5/8" jam nuts, lock washers, and hex nuts.
2. Join the frame halves together with the spacing plate. Secure the plate at the front holes only with the hex bolts, lock washers and hex nuts. Finger-tighten the bolts.



3. Assemble the frame angles to the A-frame as shown. Install the hex bolts, lock washers and hex nuts; finger-tighten.

NOTE: If the frame angles have slotted holes, use 1/2" flat washers between the bolt heads or nuts and slotted holes.

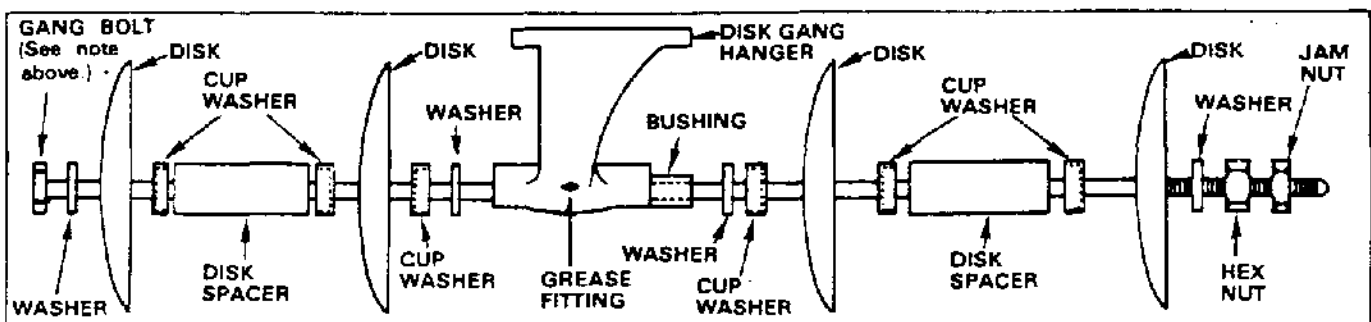
4. Install the struts first at the rear of the A-frame, and then at the rear of the frame angles. Finger tighten the bolts.



DISK GANG/LOWER FRAME

1. Assemble the parts in the sequence shown.
2. With all parts in place, tighten the hex nut securely and lock the jam nut against it. Lubricate the bushing.

NOTE: If a gang stud (threaded on both ends) is supplied instead of a bolt, place a 3/4" hex nut on the short-thread end and assemble as shown.



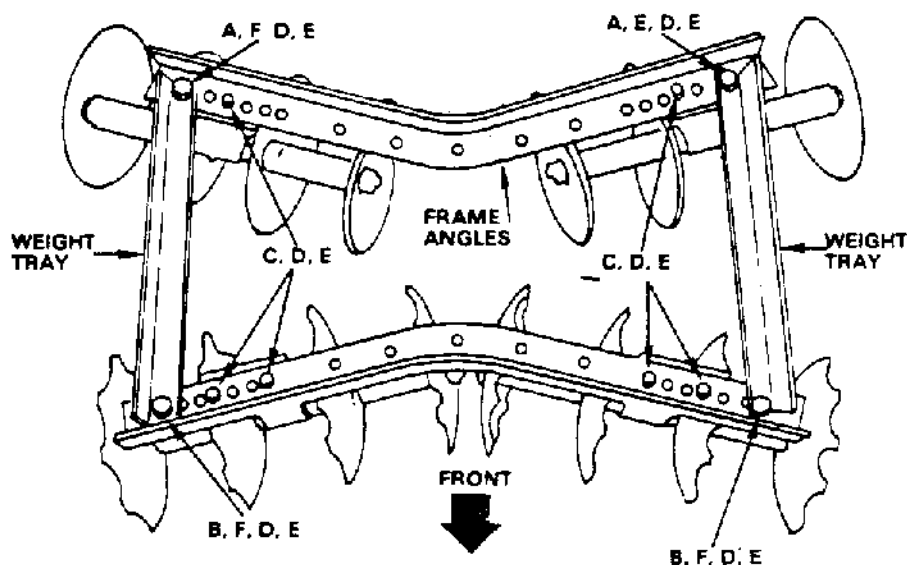
- Position the disk gang assemblies, lower frame angles and weight trays as shown.

NOTE: Gangs are shown in a 15° cut position, the most commonly used spacing. (The gang hanger mounting bolts are set in the middle stop. See page 6.)

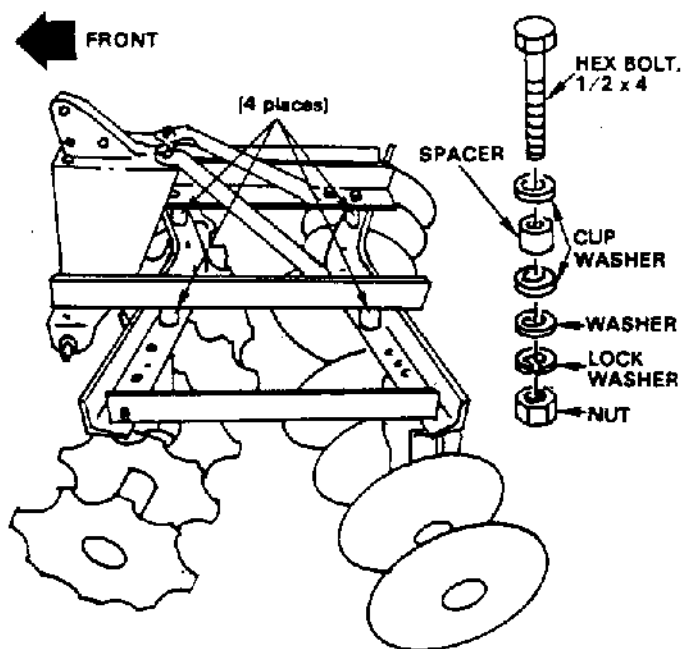
- Assemble the lower frame using the hardware listed, finger-tightened only.

- A. Carriage bolt, 1/2" x 2"
- B. Hex bolt, 1/2" x 1 3/4"
- C. Carriage bolt, 1/2" x 1 3/4"
- D. Lock washer, 1/2"
- E. Hex nut, 1/2"
- F. Flat washer, 1/2"

Note: Install carriage bolts from the underside of the frame.

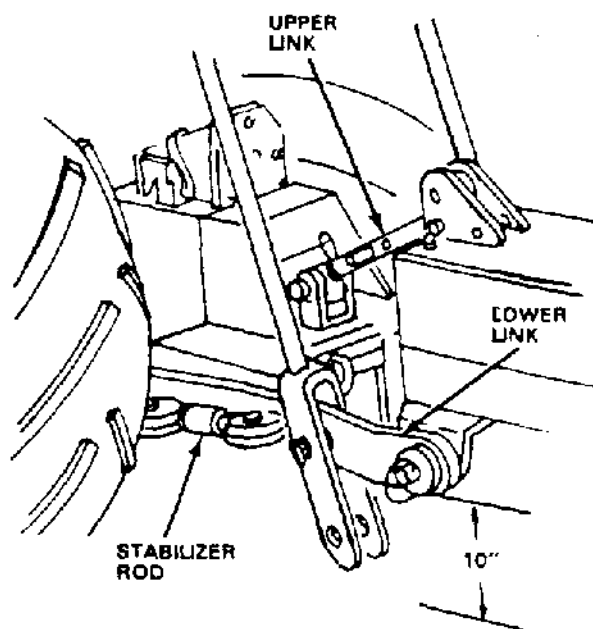


- Assemble four spacers and eight cup washers as shown, and position them on the lower frame.
- Install the upper frame with the bolts, plain washers, lock washers and nuts.
- Tighten all bolts securely, and check that all four disk bushings have been greased.



INSTALLATION

1. With the hitch lowered, adjust the lower linkage so that the link balls are approximately 10" from the ground. Install the lower frame link pins to the hitch arms and secure with spring pins.
2. Connect the upper link rod to the hitch and the lower hole in the A-frame, secure with hitch and spring pins.
3. Check to be sure that both the front and rear disk gangs are on the ground. If necessary, adjust the upper link to position the gangs evenly.
4. Raise the harrow with the hydraulic lift and adjust the stabilizer rods to prevent side sway during transport.



OPERATION

For average soil conditions, use the unit with the disk gangs set (at a 15° angle) and spaced as shown in this instruction. (For other settings, see ADJUSTMENT.) The harrow should run level when the tractor hitch is pre-adjusted as described in INSTALLATION and the blades are running 2-3 inches deep.

Always operate the harrow with the hitch's hydraulic control lever in the float position. Begin operation at a slow, comfortable speed; increase speed as clods reduce in size. The soil type, moisture content, and the weight on the harrow will determine how many passes you will need to make in order to produce the desired seedbed.

Additional weight may be added to improve the penetration of harder or dryer soils. The weight trays will accommodate standard 8" x 8" x 16" concrete blocks.

⚠ WARNING: Do not allow anyone to "ride" the harrow to provide extra weight; severe personal injury may result.

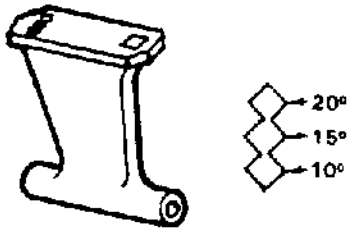
Problems with ridging at the rear outer disks can be reduced or eliminated by changing the tractor's speed, shortening the hitch upper link or both.

Always lift the harrow before turning the tractor.

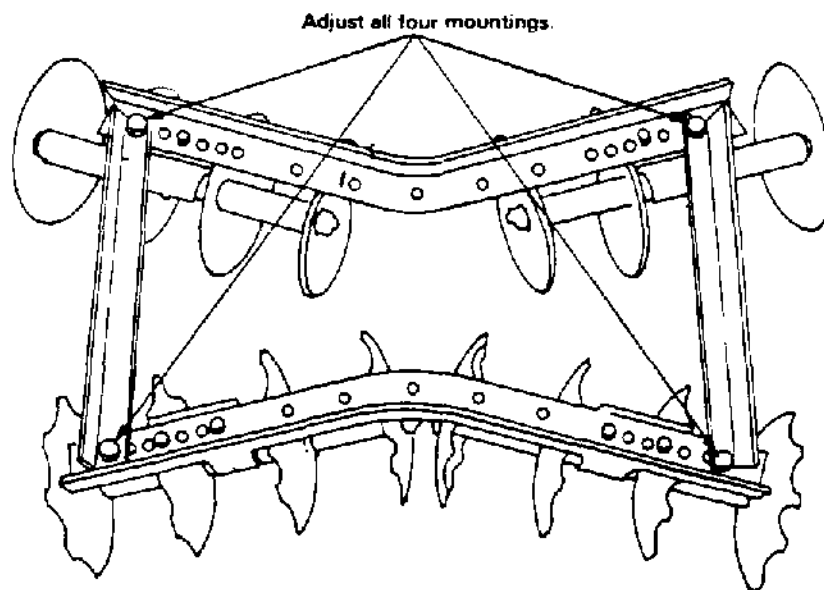
Lubricate the disk bushings at least once a day.

ADJUSTMENT

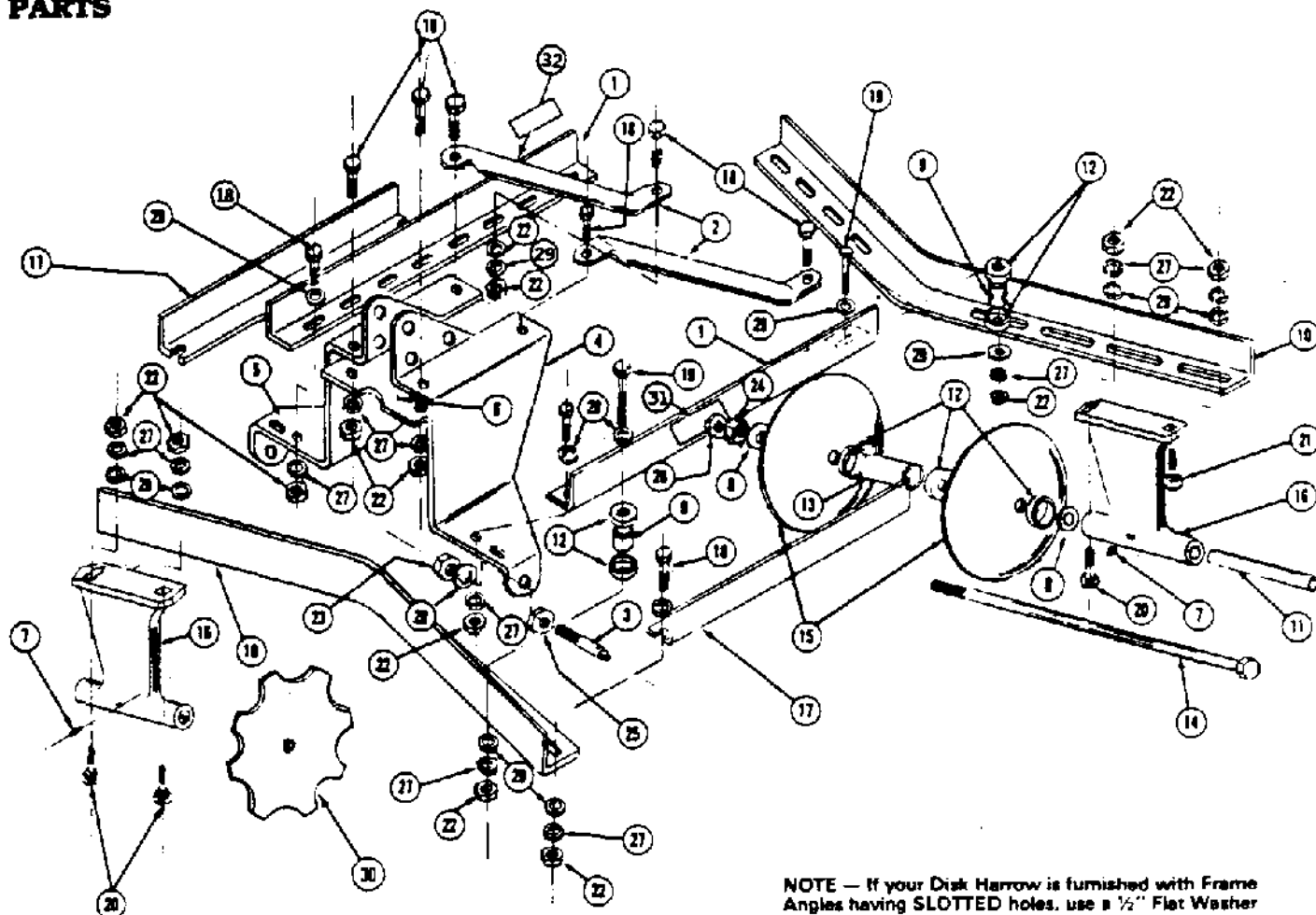
Each disk gang hanger has a stepped mounting slot for setting the harrow cutting angle. Secure the carriage bolt in the appropriate stop to set the desired angle.



The disk gangs may also be moved together or apart, as desired.



PARTS



NOTE — If your Disk Harrow is furnished with Frame Angles having SLOTTED holes, use a 1/2" Flat Washer between Bolt Heads or Nuts and slotted hole.

ITEM	DESCRIPTION
1	Frame Angle
2	Frame Strut
3	Lower Pivot Link
4	"A" Frame Half - L.H.
5	"A" Frame Half - R.H.
6	Spacing Plate
7	Grease Fitting
8	Disk Washer
9	Frame Spacer
10	Frame Angle
11	Bearing Tube
12	Centering Cup
13	Disk Spacer
14	Hex Head Bolt - 3/4" x 20"
15	Disk Blade, Plain - 12"
16	Disk Hanger

ITEM	DESCRIPTION
17	Weight Tray Angle
18	Hex Bolt - 1/2" x 1 3/4"
19	Hex Bolt - 1/2" x 4"
20	Carriage Bolt - 1/2" x 1 3/4"
21	Carriage Bolt - 1/2" x 2"
22	Hex Nut - 1/2"
23	Hex Nut - 5/8"
24	Hex Nut - 3/4"
25	Hex Jam Nut - 5/8"
26	Hex Jam Nut - 3/4"
27	Lock Washer - 1/2"
28	Lock Washer - 5/8"
29	Plain Washer - 1/2"
30	Disk Blade, Notched - 12"
31	Decal - Logo
32	Decal - Serial/Model No.

WARRANTY SERVICE

Your satisfaction and goodwill are important to your dealer and to us. All Honda warranty details are explained in the Distributor's Limited Warranty. Normally, any problems concerning the product will be handled by your dealer's service department. If you have a warranty problem that has not been handled to your satisfaction, we suggest you take the following action:

- Discuss your problem with a member of dealership management. Often complaints can be quickly resolved at that level. If the problem has already been reviewed with the Service Manager, contact the owner of the dealership or the General Manager.
- If your problem still has not been resolved to your satisfaction, contact the Power Equipment Customer Relations Department of American Honda Motor Co., Inc.

*AMERICAN HONDA MOTOR CO., INC.
POWER EQUIPMENT DIVISION
4475 RIVER GREEN PARKWAY
DULUTH, GEORGIA 30136*

*CUSTOMER SERVICE DEPARTMENT
(404) 407-6400*

We will need the following information in order to assist you:

- Your name, address, and telephone number.
- Product model and serial number
- Date of purchase
- Dealer name and address
- Nature of the problem

After reviewing all the facts involved, you will be advised of what action can be taken. Please bear in mind that your problem will likely be resolved at the dealership, using the dealer's facilities, equipment, and personnel, so it is very important that your initial contact be with the dealer.

Your purchase of a Honda product is greatly appreciated by both your dealer and American Honda Motor Company. We want to assist you in every way possible to assure your complete satisfaction with your purchase.

Current customer service contact information:

United States, Puerto Rico, and U.S. Virgin Islands:

Honda Power Equipment dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager or General Manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Power Equipment Customer Relations Office. You can write:

American Honda Motor Co., Inc.
Power Equipment Division
Customer Relations Office
4900 Marconi Drive
Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400 M-F, 8:30 am - 5:00 pm EST

When you write or call, please provide the following information:

- Model and serial numbers
- Name of the dealer who sold the Honda power equipment to you
- Name and address of the dealer who services your equipment
- Date of purchase
- Your name, address, and telephone number
- A detailed description of the problem

HONDA CODE # 3755774