

ASSEMBLY INSTRUCTION—OPERATING INSTRUCTIONS AND PARTS
FOR MODEL HH-150 IMPLEMENT HITCH
FOR USE ON INTERNATIONAL CUB CADET TRACTORS

MODEL HH-110—Spring Assist Kit for use on Older Model Tractors

MODEL HH-112—Spring Assist Kit for use on Model 70, 71, 100, 102 & 122 Tractors

NOTE: International 3-point Hitch required to complete installation of implement hitch to tractor.

ASSEMBLY: MODEL 70, 71, 100, 102 & 122 TRACTORS

FIG. I Shows HH-112 Spring Assist parts attached to 3-point hitch lift rod. Attach with clamp parts and position as shown prior to assembly of lift rod to implement lift lever.

FIG. II Install lift rod with spring and clamp attached as shown. (removal of seat support will facilitate this assembly) Refer to I.H.C. 3-point hitch instructions for assembly of lift rod to hand lever.—**Note:** Removal of rear seat deck panel required on Models 102 & 122 Tractors in order to install spring clip.

FIG. III Attach spring clip to R. H. rear portion of tractor frame as shown, using longer bolt provided. Secure spring to clip with spring bolt and nut as shown. Insert lift rod into lift arm casting and secure with $3/16$ x 2 cotter pin. Attach lift straps at slotted end to lift rod and secure with $1/2$ x $2\frac{1}{2}$ long drilled pin, 2 washers and spring pin cotter.—Reinstall rear seat deck panel on Model 102 & 122 Tractors.

FIG. IV Attach hitch yoke assembly (with extended end of tube up) to tractor hitch bracket and secure with $1/2$ x $1\frac{1}{2}$ drilled pins, washers and hair pin cotters as shown. (**Note:** Refer to hitch setting chart for recommended hole setting.) Attach lower end of lift straps to hitch yoke assembly as shown and secure with $1/2$ x $1\frac{1}{2}$ drilled pin, washer and hair pin cotter. Slip stabilizer plate over coupler tube and insert hitch pin.

Adjust spring tension until lift effort at handle is comfortable when implement is attached.

ASSEMBLY: OLDER STYLE I.H.C. TRACTORS

1. **FIG. V & VI**—After installation of I.H.C. 3-point lift to tractor, attach Spring Assist Parts (HH-110) FIG. V to tractors shown in FIG. VI. Loosen seat spring, slide forward until spring boom can be installed and secure with $\frac{1}{2}$ bolts and L.W. provided.

Insert lift rod into lift arm casting and secure with $1/8 \times 1\frac{1}{2}$ cotter. Install spring washer over lift rod. Attach spring as shown between lift rod and boom. Adjust spring tension until $\frac{1}{2}$ " to 1" of thread is through spring nut.

2. Referring to FIG. VII, Balance of Hitch Assembly—same as for Model 70, 71, 100, 102 & 122 Tractors. See FIG. III & IV under Assembly Instructions.

FOR PARTS, REFER TO FIG. I, V & VIII

OPERATING INSTRUCTIONS:

1. Refer to Hitch Setting Chart of recommended hitch settings for various Brinly Hitch mounted implements.

2. For tools requiring stabilization (elimination of side movement)—Turn stabilizer bolts clockwise against stabilizer plate after tool is connected to hitch. Lock stabilizer bolts by tightening jam nuts. (**Note:** Stabilizer will have to be loosened before implement can be removed from hitch.)

DO NOT Stabilize Mould Board Plow.

**RECOMMENDED HITCH SETTINGS
FOR VARIOUS HITCH MOUNTED IMPLEMENTS**
(See Fig. III for Hole Locations)

IMPLEMENT MODEL	Mount Hitch Yoke To Hitch Bracket Hole Letter		Attach Lift Straps To Yoke At Hole No.	
	Cub Cadet	Model 70,71,100 102 & 122	Cub Cadet	Model 70,71,100 102 & 122
PP-100 Plow	B	B	4	2
DD-100 Disc Harrow	B	B	3	1
CC-500 Cultivator	A	A	5	3
TT-100 Tool Bar *	A*	A*	4*	2*
KK-100 Planter	A	A	4	2

* Depends on type of tool bar attachment being used, adjust accordingly.

PARTS LIST

Number	Description	No. Req'd.
For HH-110 Spring Assist Kit		
H-123	Spring Boom	1
H-126P	Spring Washer	1
1M1624P	Hex. Hd. Bolt, 1/2 x 1 1/2	2
40M1600P	Lockwasher, 1/2" Med.	2
H-124	Spring	1
H-202P	Hex. Hd. Bolt, 3/8 x 3	1
30M1200P	Hex. Nut 3/8-16	1
For HH-112 Spring Assist Kit		
H-214	Spring Brk't.	1
H-215	Clamp Plate	1
H-259	Spring Clip	1
H-201	Spring	1
H-202P	Spring Bolt, 3/8 x 3	1
1M1216P	Hex. Hd. Bolt, 3/8 x 1	1
10M1220P	Carr. Blt., 3/8 x 1 1/4	2
40M1200P	Lock Washer, 3/8" Med.	3
30M1200P	Hex. Nut, 3/8-16	4
For HH-150 Implement Hitch		
H-190	Hitch Yoke Ass'y.	1
H-193	Lift Strap	2
H-194	Lift Rod	1
H-199P	Drilled Pin, 1/2 D x 2 1/2"	1
H-200P	Drilled Pin, 1/2 D x 1 1/2"	3
45M1822P	Plain Washer, 1/2"	5
D-146 P	Hair Pin Cotter	4
1M2032P	Hex. Hd. Bolt, 5/8 x 2	2
31M2000P	Hex. Jam Nut, 5/8-11	2
50M0632P	Cotter Pin, 3/16 x 2	1
50M0424P	Cotter Pin, 1/8 x 1 1/2	1
H-158	Stabilizer Plate	1
H-130P	Hitch Pin	1



Manufactured by

BRINLY-HARDY COMPANY

FIG. I

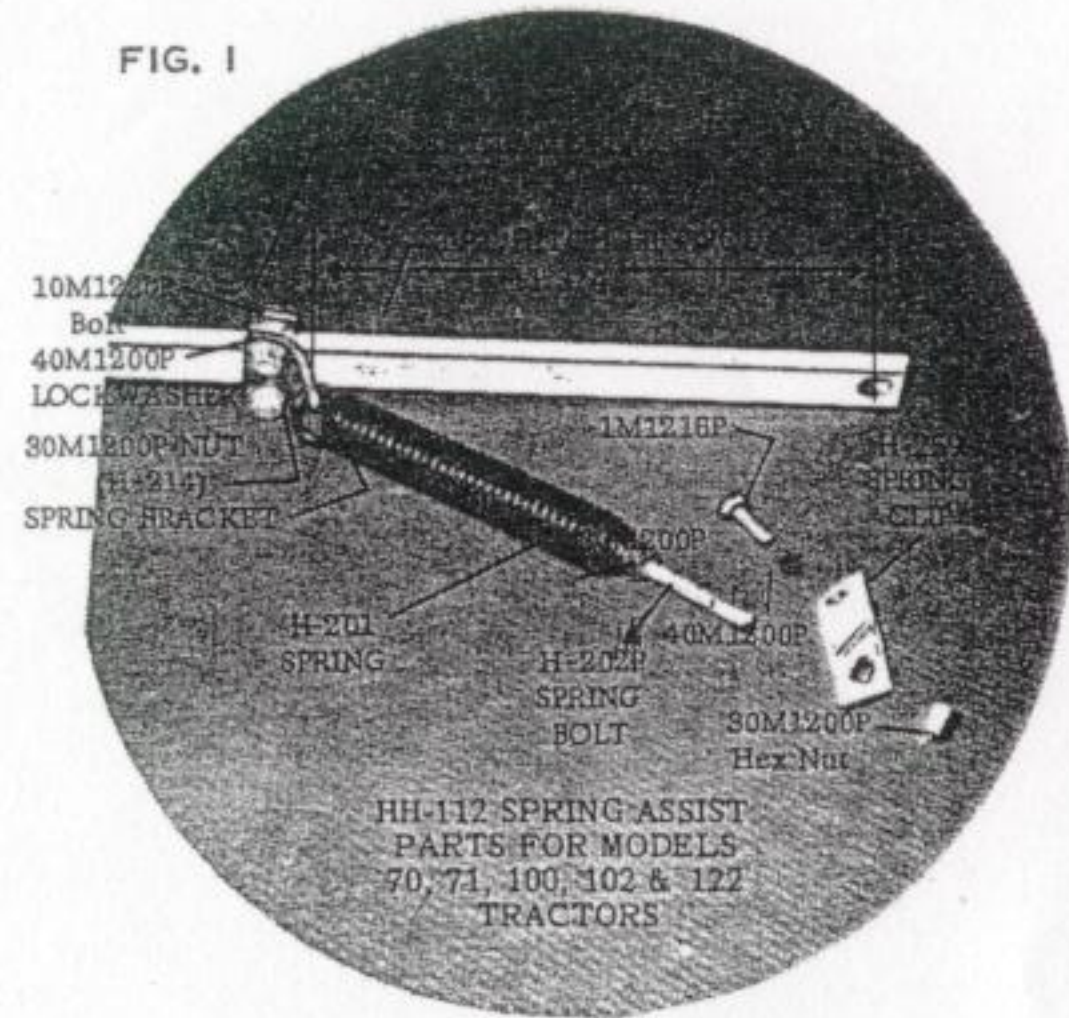


FIG. II

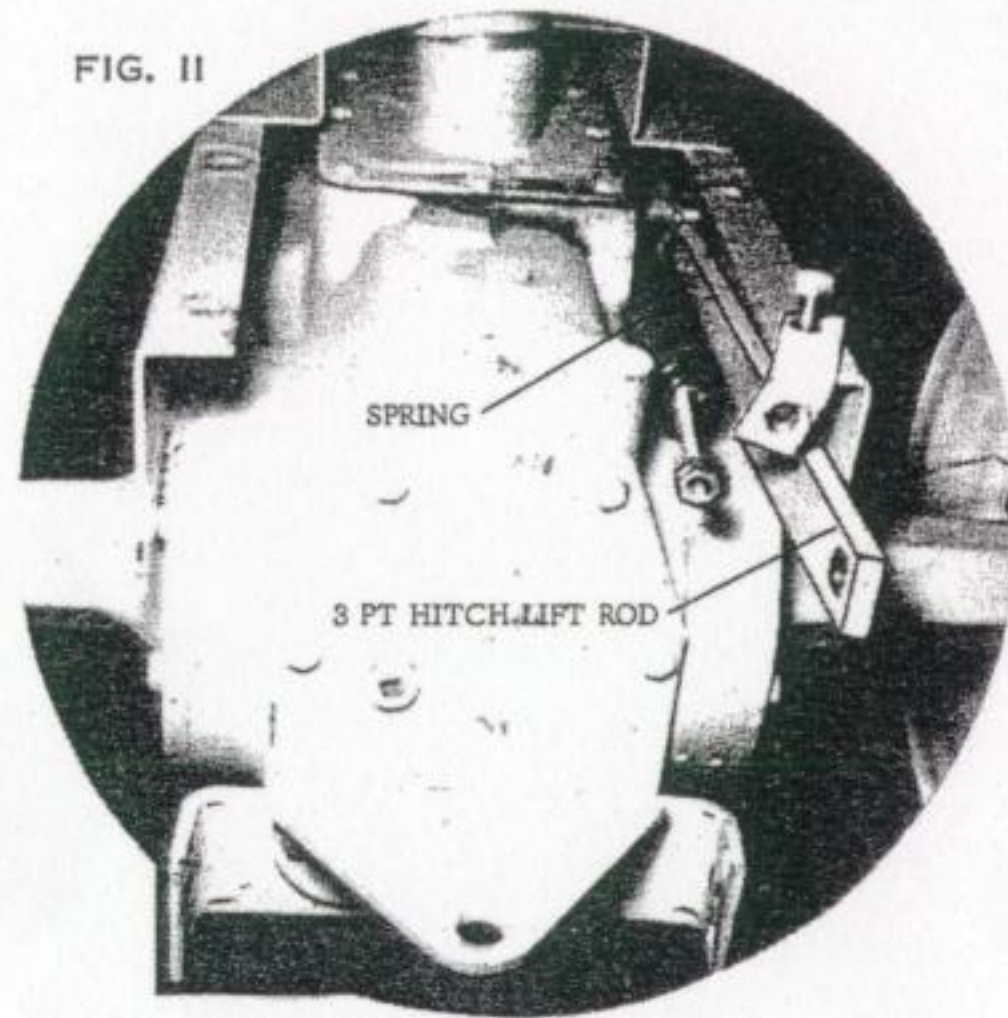


FIG. III

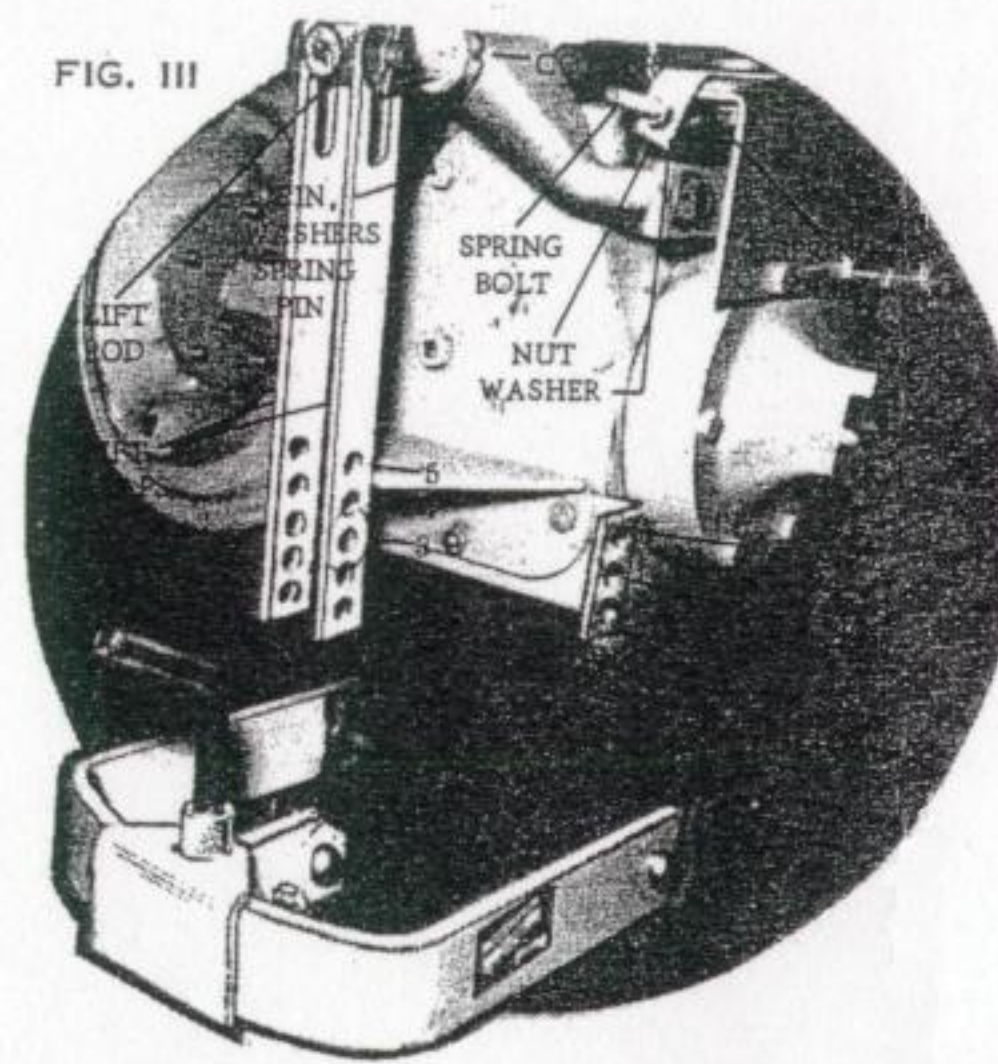


FIG. IV

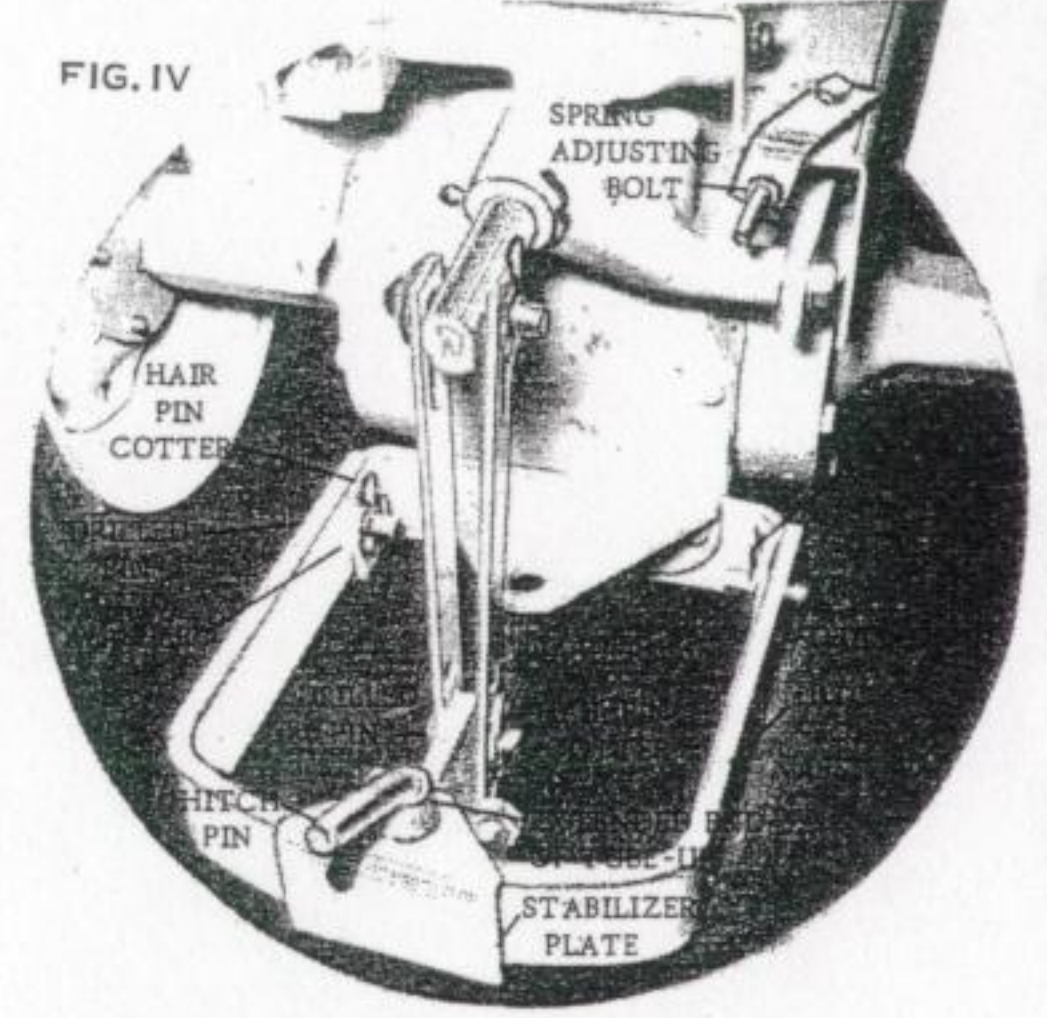


FIG. V

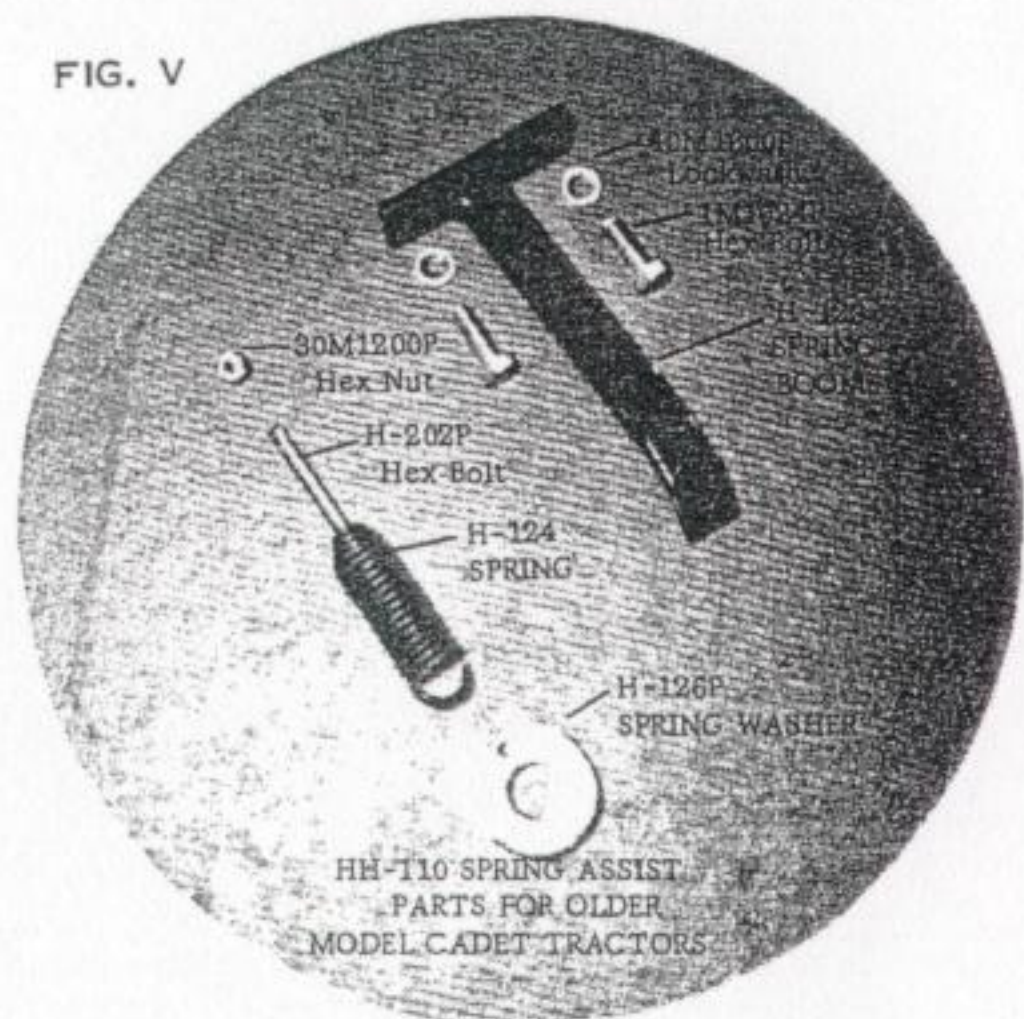


FIG. VI

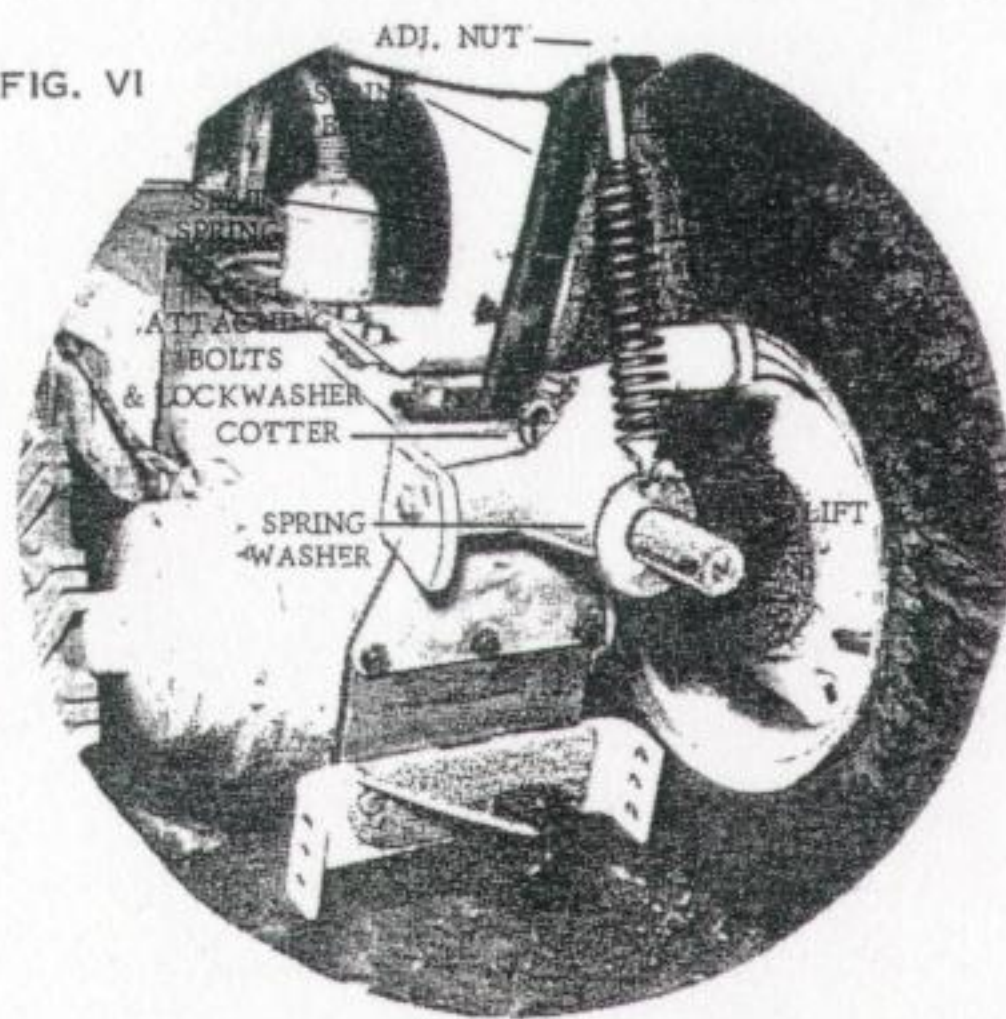


FIG. VII

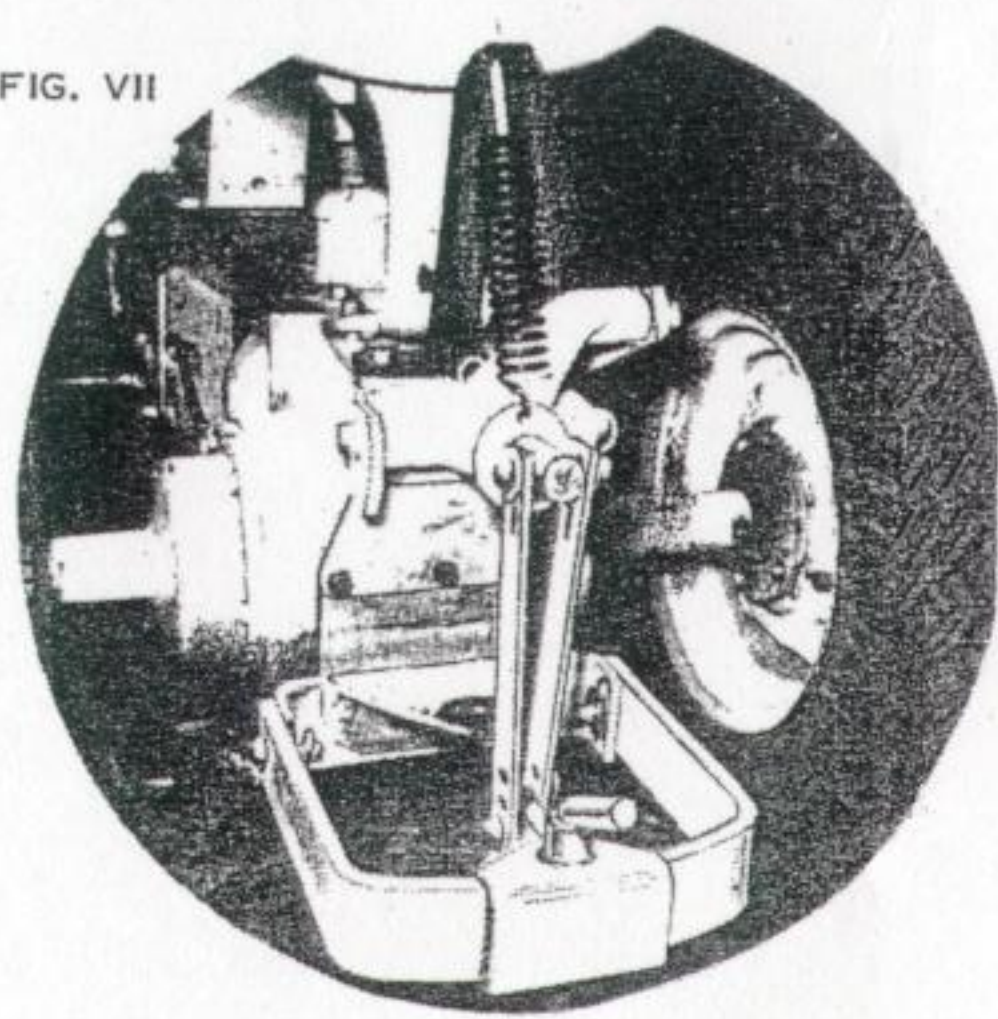


FIG. VIII

