


Bolens

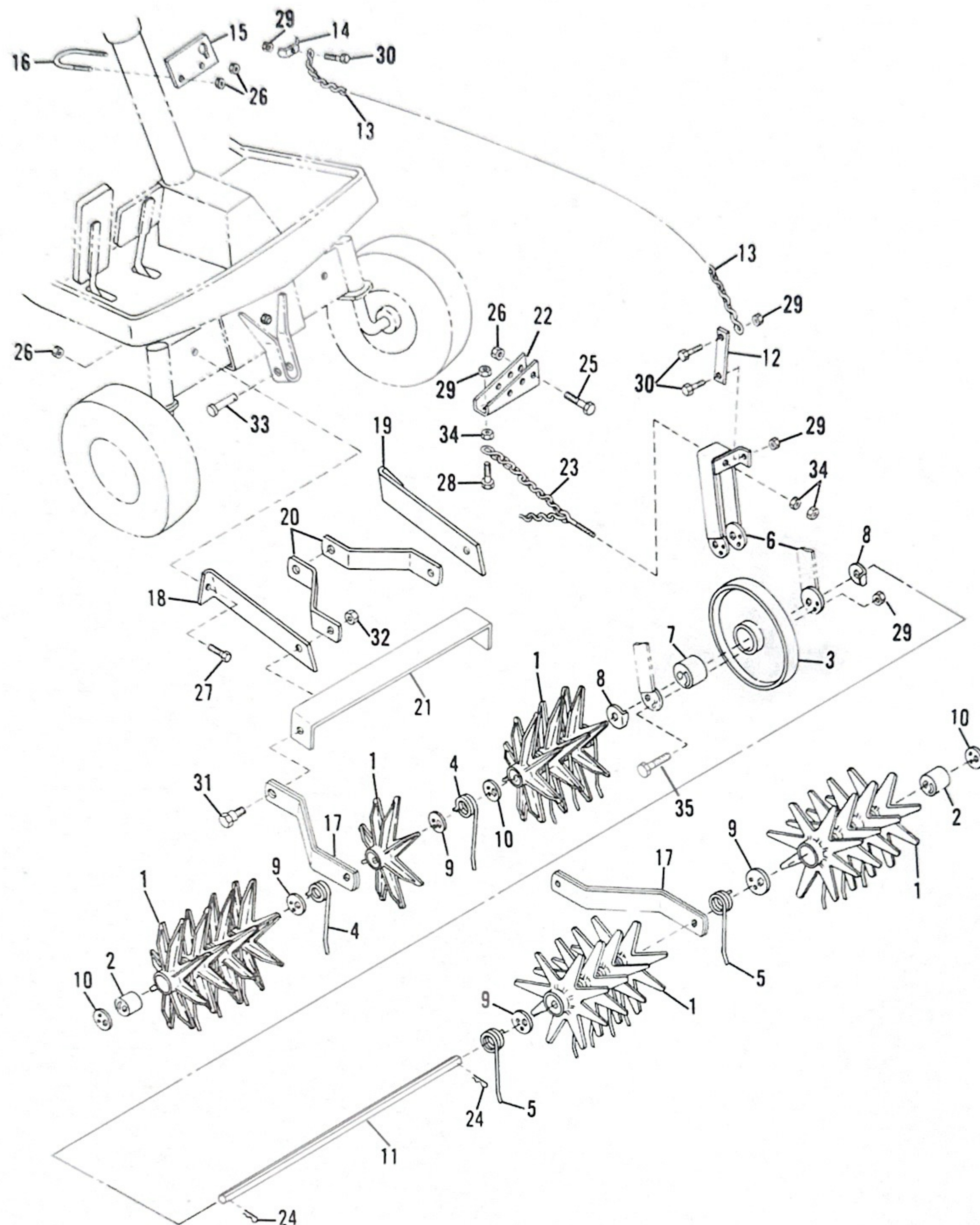
**Thatch Eliminator
Attachment**

Model 6907

Owner's Manual

THATCH ELIMINATOR ATTACHMENT

MODEL 6907



REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	1803358	Rotary Tine	16	18	1803381	Vertical Brace R.H.	1
2	1803359	Tine Bearing	16	19	1803382	Vertical Brace L.H.	1
3	1803360	Gauge Wheel	1	20	1803383	Lower Brace	2
4	1803362	Tine Spring R.H.	8	21	1803384	Stabilizer	1
5	1803363	Tine Spring L.H.	8	22	1803385	Axle Bracket	2
6	1803372	Wheel Washer Assembly	1	23	1803386	Control Chain Assembly	1
7	1803361	Wheel Bearing	1	24	•	Hitch Pin	1
8	1803365	Formed Washer	2	25	•	Hex Bolt, 5/16-18 x 1-1/2	6
9	1803366	Thrust Washer (.07)	16	26	•	Hex Locknut, 5/16-18	10
10	1803367	Thrust Washer (.03)	16	27	•	Hex Bolt 5/16-18 x 3/4	2
11	1803374	Hex Shaft	1	28	•	Hex Bolt 1/4-20 x 1	2
12	1803375	Extension Bar	1	29	•	Hex Locknut 1/4-20	5
13	1803376	Lift Chain	1	30	•	Hex Bolt 1/4-20 x 1/2	3
14	1803377	Chain Handle	1	31	1803373	Shoulder Bolt	2
15	1803378	Chain Latch	1	32	•	Hex Locknut 3/8-16	2
16	1803379	U-Bolt	1	33	•	Clevis Pin	1
17	1803380	Mounting Arm Assembly	2	34	•	Hex Nut 1/4-20	4
				35	•	Hex Bolt, 1/4-20 x 1-1/4	1

•Common Hardware - Purchase Locally Grade 5 where applicable

Thank you for purchasing this piece of Bolens equipment. We feel you now own one of the finest pieces of equipment available.

This is a safety, operation and general maintenance manual which does not attempt to cover major repairs. Bolens equipment is carefully designed, engineered, and manufactured to give good performance if properly operated and maintained. Review this manual to familiarize yourself with the unit, its features and its operation.

This equipment is a product of Bolens Corporation, 215 South Park Street, Port Washington, Wisconsin 53074, telephone 414-284-5521. If you should have any questions or encounter any problems, which you feel only the factory can solve, write to the above address or phone, attention the Service Department.

GENERAL SAFETY PRECAUTIONS

1. Do not allow Thatch Eliminator to strike curbs or other obstructions.
2. When transporting this attachment from one point to another, always lift unit into travel position.
3. Do not allow children to operate mower; adults - only with proper instructions.
4. Clear work area of large rocks or obstructions.
5. Do not allow others, including children and pets, in the area while operating mower with thatcher attached.
6. Take all proper precautions when leaving the mower unattended. Always stop the engine and remove the key.
7. Keep the mower and thatching attachment in good operating condition and keep safety devices in place.
8. Keep all nuts, bolts and screws tight to insure that equipment is in safe working condition. Check all fasteners for proper tightness before use.
9. Mower and attachments should be stopped and inspected if vibration develops or after striking a foreign object.

ASSEMBLY

Check Thatch Eliminator parts with the parts list to insure that all parts are included with this attachment.

Refer to the instructions below and parts list when assembling.

1. Secure axle bracket "A" Figure 1 to R.H. and L.H. spindle using (3) 5/16-18 x 1-1/2" hex bolts and flange nuts. Axle brackets should be secured parallel to the ground.

2. Assemble chain "B" Figure 1 with eye bolt to each axle bracket using a 1/4-20 x 1" hex bolt, hex nut "C" and lock nut "D". Tighten the two nuts against bracket. Provide a gap for the chain to move freely.

3. Locate parts shown in Figure 2 for assembly to thatcher assembly.

A. Turn thatcher assembly upside down so that wheel bracket "E" Figure 4 is to the bottom and tine springs are pointed up.

B. Place stabilizer "F" Figure 2 between mounting arms "G" of thatcher assembly.

C. Place R.H. brace "H" and L.H. brace "I" on the inside of the stabilizer.

D. Place lower brace "J" on inside of R.H. brace "H" and secure using a should bolt and locknut. Repeat on L.H. side.

E. Turn complete assembly over.

4. Remove the center clevis pin of mower anchor bracket "K" Figure 3, and secure center pivot to outside of anchor brace using the clevis pin supplied and present hitch pin.

NOTE

Chain "B" must be above center pivot before assembling.

5. Secure the two outer braces "H" and "I" to the front bolster using a 5/16-18 x 3/4" hex bolt and lock nut.

6. Secure the eye bolt of chain "B" Figure 4 to center wheel bracket "E" using (2) 1/4-20 hex nuts. Before tightening the two nuts together make sure there is a little slack in the chain.

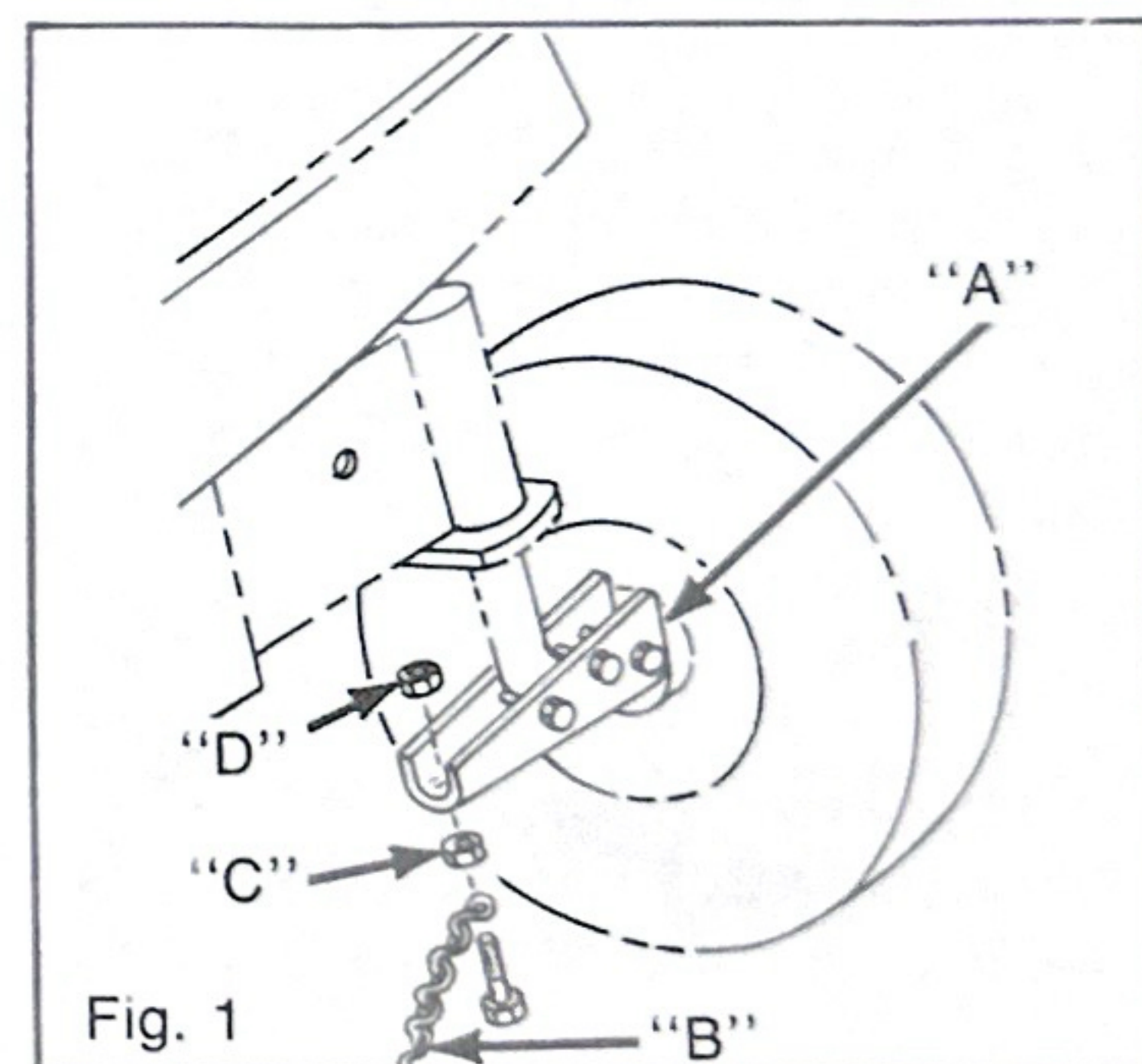


Fig. 1

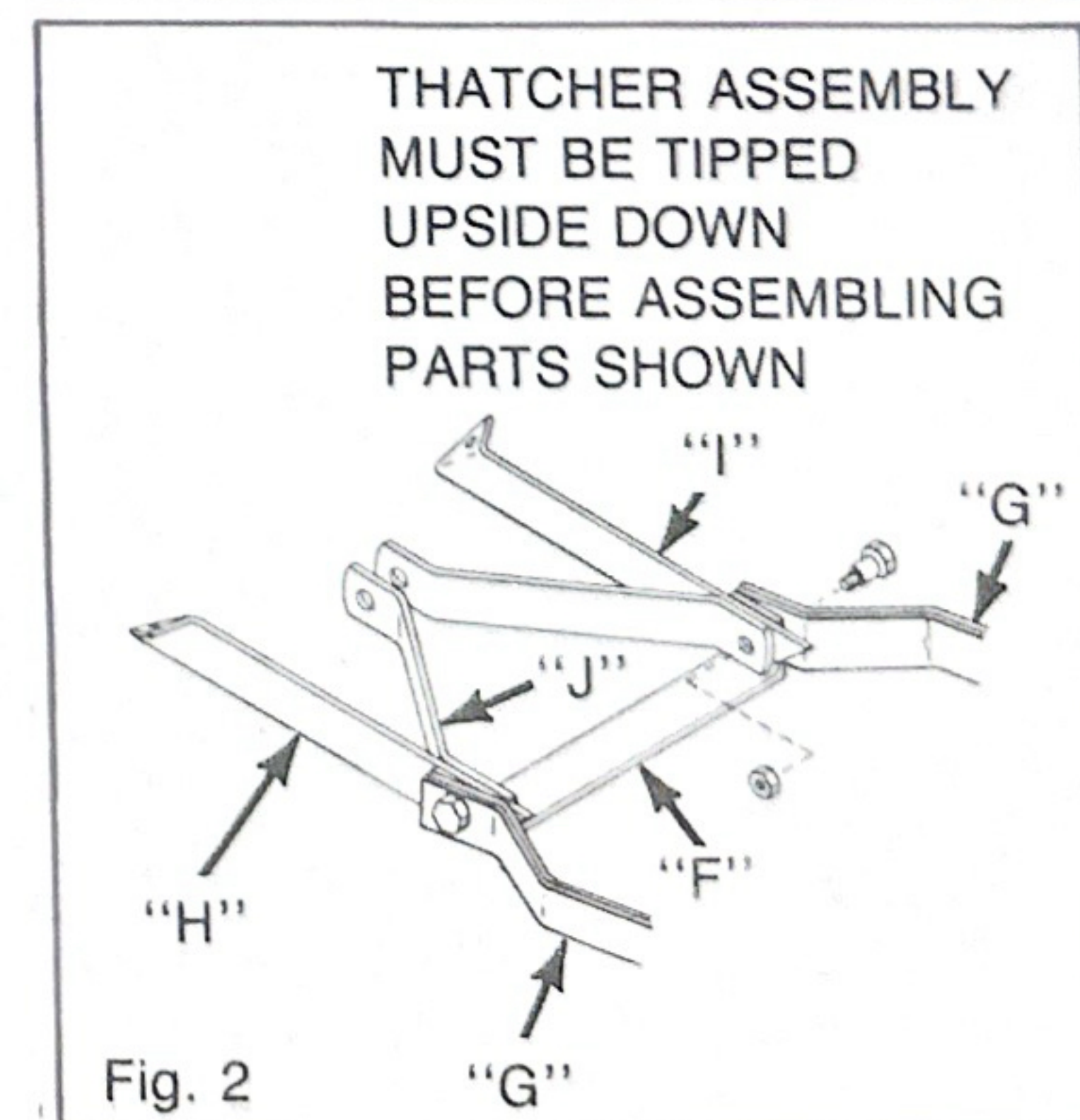


Fig. 2

ASSEMBLY (Continued)

The chain is used to lift the thatcher when turning. Some float must be provided.

7. Secure lift chain plate "L", Figure 4 to center wheel bracket using a 1/4-20 x 1/2" hex bolt and lock nut.

8. Secure lift chain "M" to plate "L" using a 1/4-20 x 1/2" hex bolt and lock nut.

9. Secure chain handle "N" Figure 5 to end of lift chain "M" using a 1/4-20 x 1/2" hex bolt and lock nut.

10. Fasten chain latch plate "O" Figure 5 to steering tube using the U-bolt and (2) 5/16-18 lock nuts. Keep plate approximately 1" from bottom of steering wheel.

OPERATION

1. When cutting, keep the thatcher in the transport position by lifting chain "M" Figure 3 and locking in slot of latch plate "O".

2. With the thatcher in the transport position, the lawn should be cut and clippings should be bagged. After bagging, lower the thatcher in the operating position and cover the area using the same pattern that was used in the initial cutting. For maximum cleaning, cover the lawn again using a pattern generally perpendicular to the original pattern.

3. To adjust lighter or heavier thatching; gauge wheel "P" Figure 6 can be relocated by loosening the 1/4-20 x 1/4" hex screw "R" and locknut. After loosening, rotate the wheel with slight pressure directed toward the wheel bearing as shown.

NOTE

The actual adjustment is affected by rotating the wheel bearing about the hex shaft.

For additional adjustment, bolt "R" must be removed and inserted in one of the other two holes provided in wheel washers. The unit can then be adjusted using the above procedure.



WARNING

SHOULD THE THATCHER BECOME CLOGGED, STOP ENGINE AND LIFT THATCHER INTO THE TRANSPORT POSITION BEFORE CLEANING.

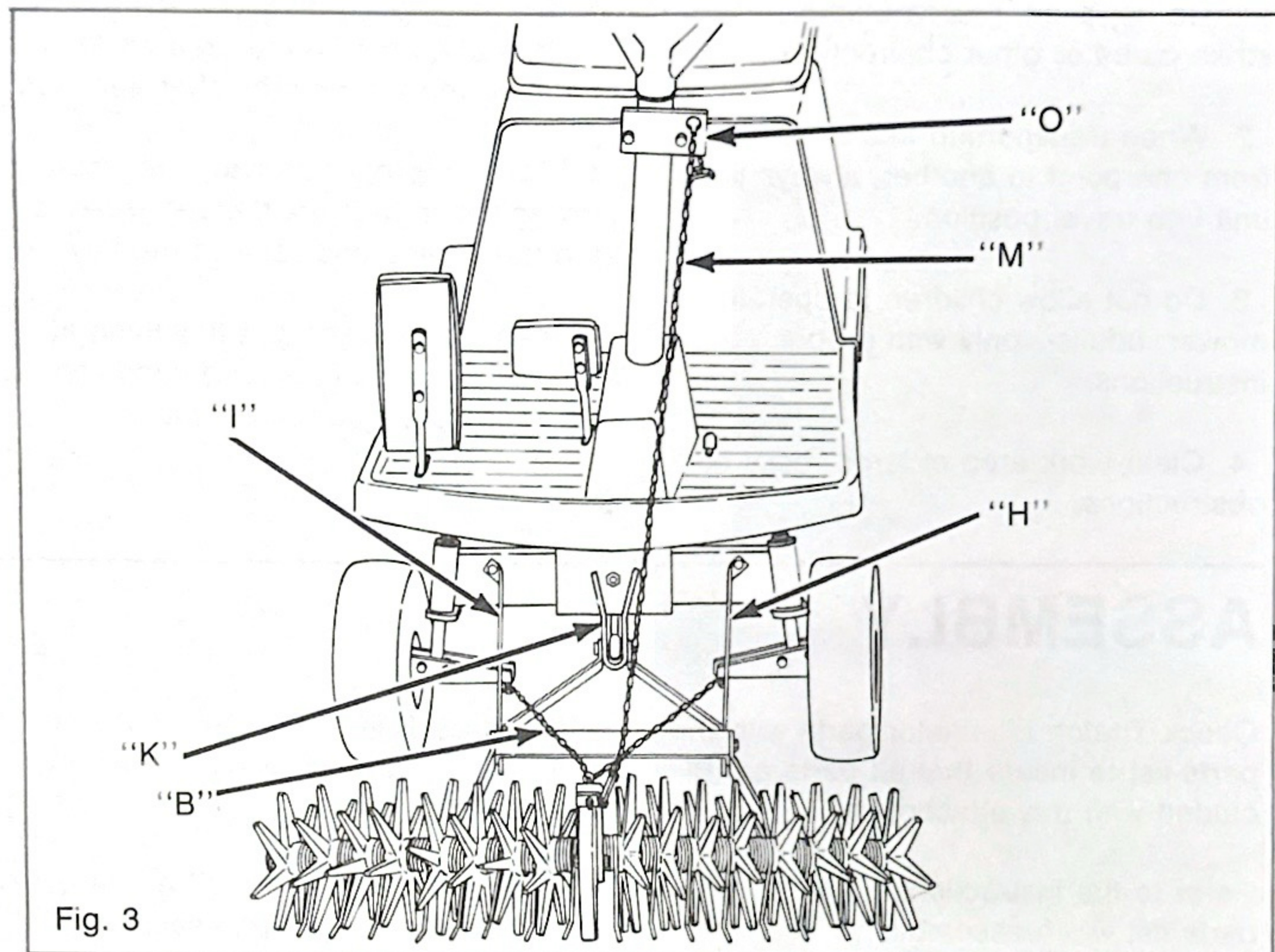


Fig. 3

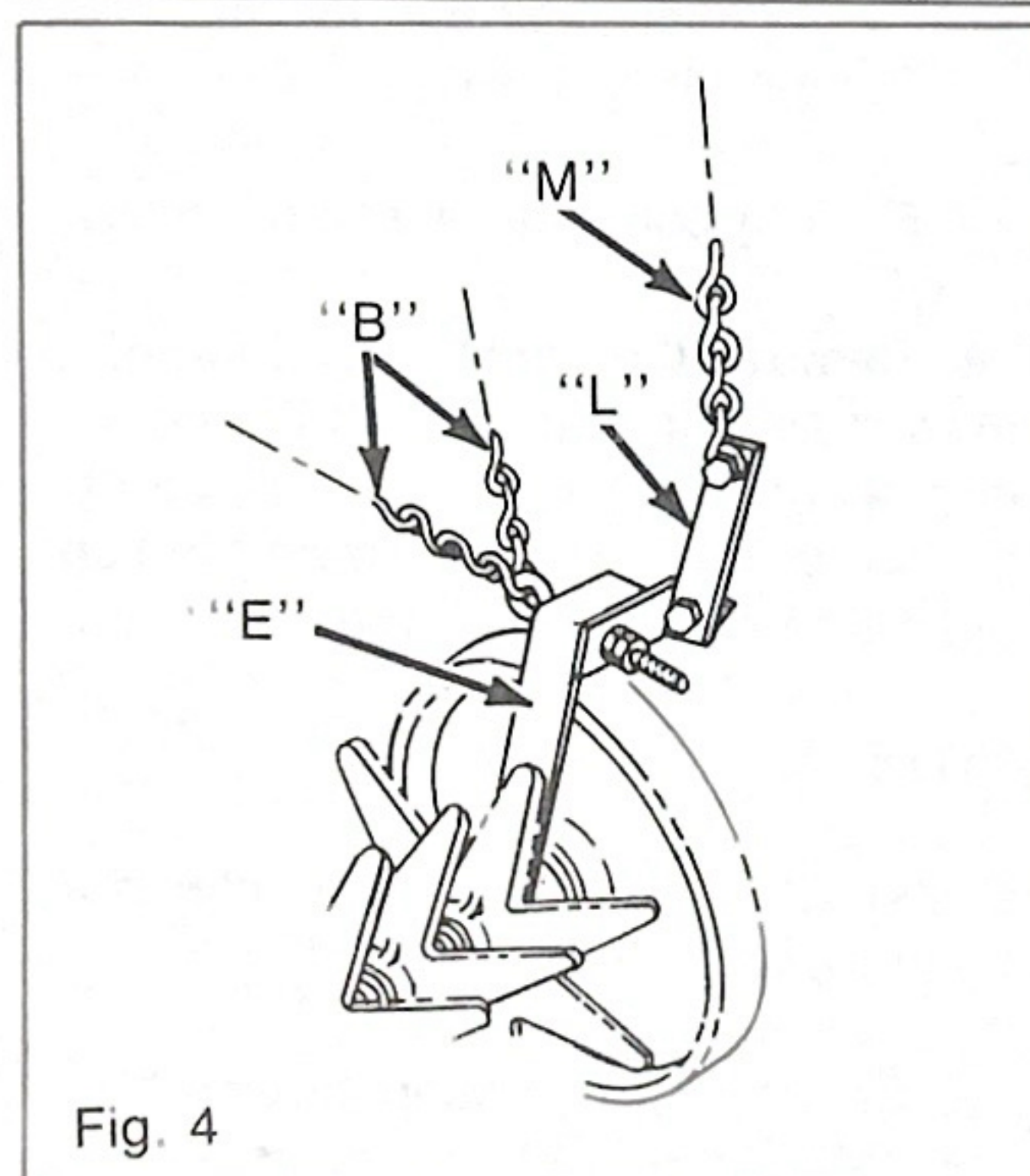


Fig. 4

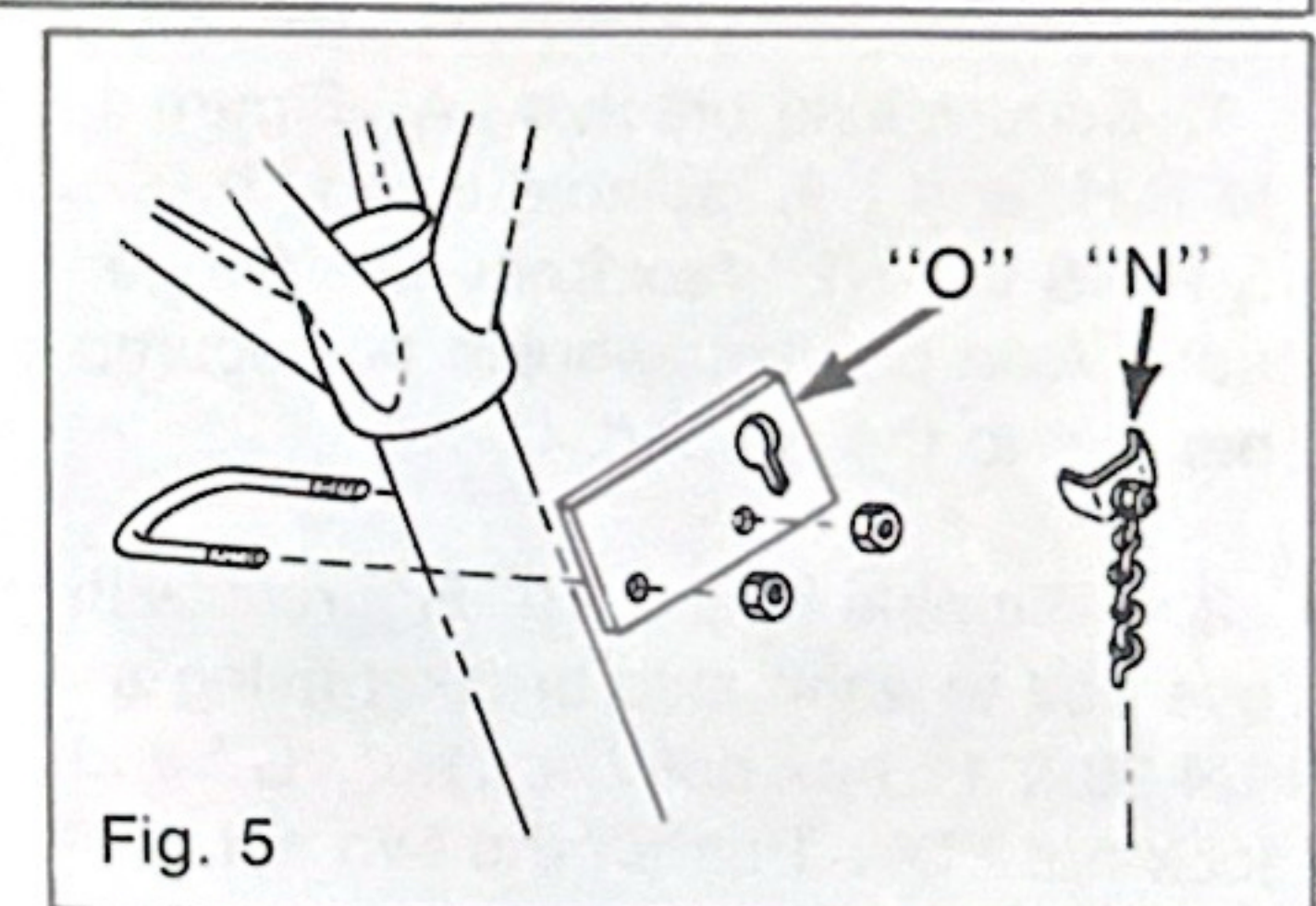


Fig. 5

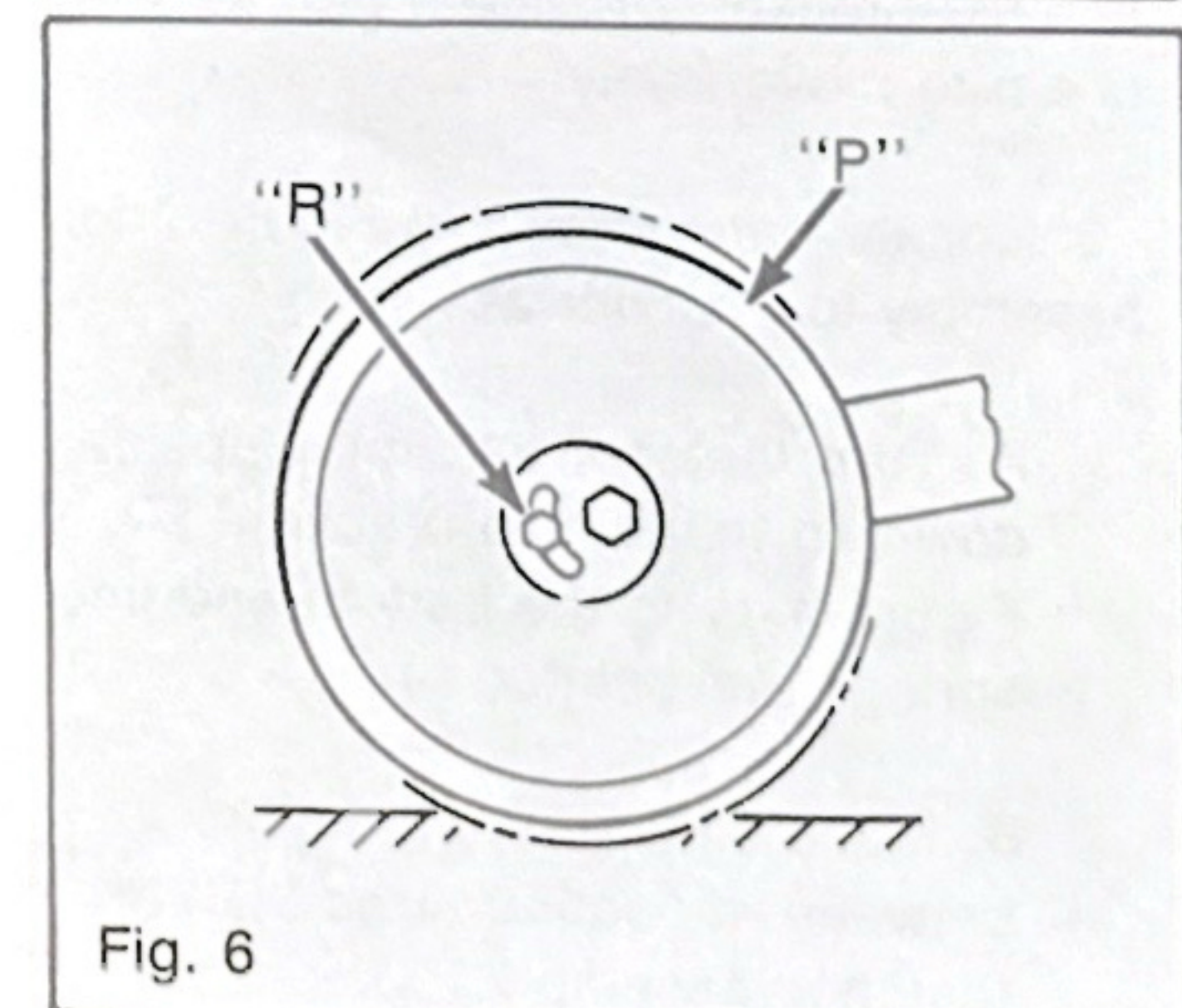


Fig. 6