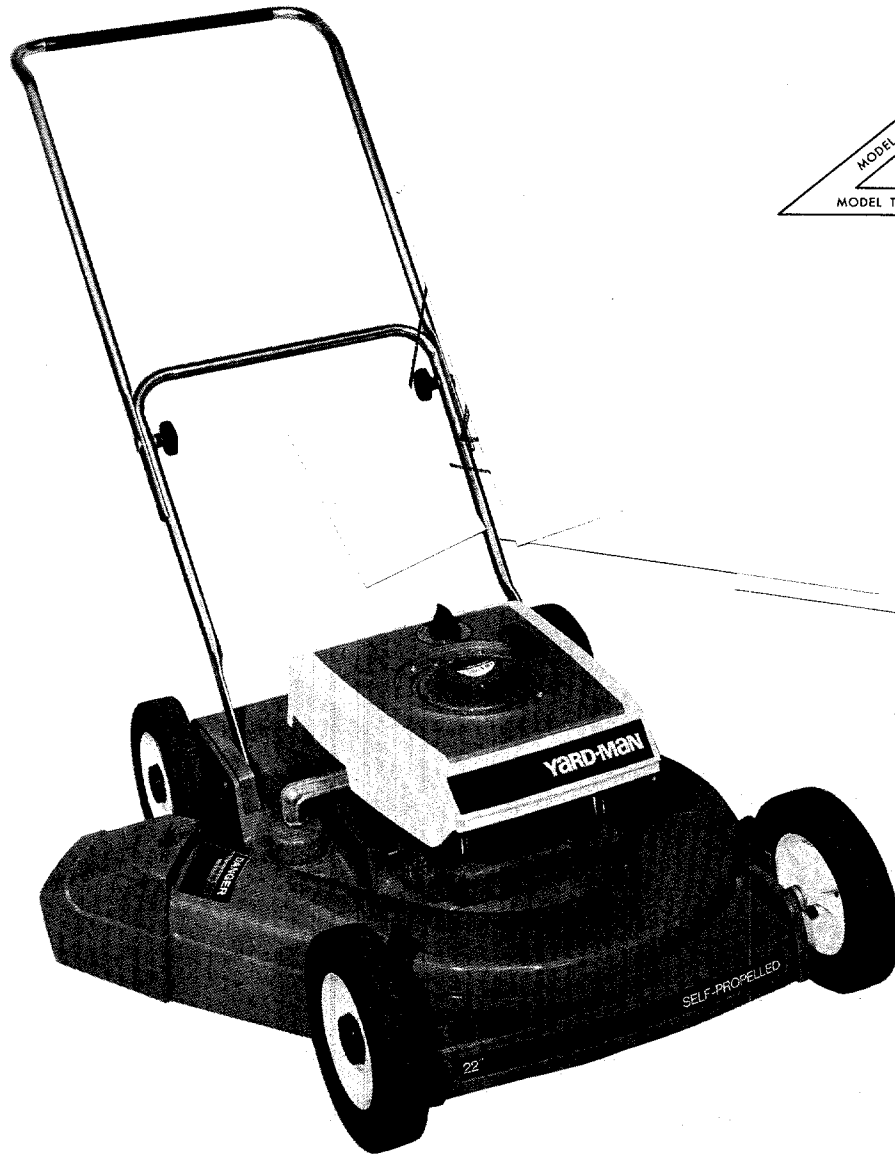


operating manual *and* parts list

MODEL 2340-2
22-INCH
ROTARY MOWER



YARD-MAN

1410 West Ganson Street — Jackson, Michigan 49202

RULES FOR SAFE OPERATION

Your rotary mower is a precision piece of power equipment. Engineering skill and experience have been combined to provide the ultimate in safety and efficiency, however, as with any type of power equipment, carelessness or error on the part of the operator can result in injury. Exercise extreme caution at all times.

1. **KNOW YOUR MACHINE** Read the Owner's Manual carefully - learn how to operate your mower properly.
2. **MAKE SURE THE LAWN IS CLEAR** of sticks, stones, wire and other hazardous items from lawn before mowing. Such items are dangerous to both the mower and individuals in the vicinity of the mower.
3. **ADD FUEL** before starting engine - - - never when engine is hot or running.
4. **ALWAYS STOP ENGINE** (turn off switch or disconnect sparkplug wire) before attempting any repairs or adjustments.
5. **START ENGINE CAREFULLY** Always stand at side opposite discharge chute. **NEVER PLACE HANDS OR FEET UNDER THE MOWER OR NEAR THE DISCHARGE CHUTE WHILE THE ENGINE IS RUNNING.**
6. **DO NOT TILT MOWER** at extreme angle while engine is running. Cut grass on hills and banks sideways.
7. **STOP THE ENGINE** when not cutting grass.
8. **DO NOT ALLOW MINORS** to operate mower unless thoroughly instructed and properly supervised.
9. **KEEP CHILDREN AND PETS AWAY** from area at all times during mowing operation.
10. **ALWAYS CHECK FOR DAMAGE** If you should strike some foreign object while mowing, stop your mower. Inspect for and repair any damage before restarting and operating the mower.

SUGGESTIONS FOR MORE EFFICIENT, AND MAINTENANCE-FREE OPERATION

GENERAL MOWING

1. Always keep mower blade "Knife" sharp and balanced for maximum cutting efficiency.
2. Always start engine with mower on level surface where blade will not drag on tall grass or other obstructions. After starting, let engine warm up several minutes at slow speed before starting to mow.
3. When mowing under normal conditions, run mower at $\frac{1}{2}$ to $\frac{3}{4}$ throttle for best results.
4. When cutting tall heavy growth, or on rough ground, place mower in highest cut position and gradually reduce to desired cutting height over course of two or three mowings.
5. When cutting tall heavy lush grass the clippings may have a tendency to stick to the underside of the housing. Always keep underside of housing clean.

USING GRASS CATCHER

1. When using grass catcher, operate mower engine at $\frac{3}{4}$ to full throttle.
2. In heavy dense turf, set cutting height in medium to high position and mow in a counter-clockwise direction so the catcher will not drag in the uncut portion.
3. Allow wet grass to dry before attempting to mow with grass catcher attached.
4. Empty catcher bag thoroughly before storage.

MAINTENANCE

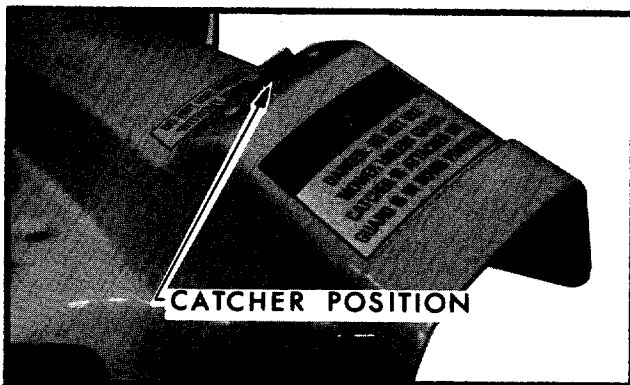
Your mower like all machines with moving parts must receive care and maintenance. The following tips, if used, will contribute many trouble-free hours to your mower.

1. Check oil level frequently. When checking or changing oil, make sure dirt and debris is cleaned off oil sump before removing oil plug.
2. Keep mower clean, especially the engine and underside of mower housing.
3. Check all nuts, bolts and screws occasionally to be sure mower is in good operating condition.
4. Should excessive vibration develop, check your blade and crankshaft immediately. Do not operate mower with an unbalanced blade, a damaged blade or a damaged crankshaft.
5. The wheel bearings are pre-lubricated at the factory and should require no further attention until mower is serviced.
6. If you are going to store your mower for any length of time (30 days or longer) it is important that the following steps be taken:
 - a. Drain the gas tank. Start the engine and allow it to run out of gas. Gasoline left in the engine will leave gum deposits in the carburetor and gas tank.
 - b. Clean engine of all foreign matter.
 - c. Lubricate cylinder by removing the sparkplug and pouring one ounce of clean lubricating oil through the sparkplug hole into the cylinder. Crank engine slowly to spread oil and replace sparkplug. To start after storage remove sparkplug and rotate engine with starter to remove excess oil.
7. Just as your automobile needs professional mechanical maintenance from time to time, so does your air cooled engine. A yearly tune-up and check by a Qualified Service Center is recommended to avoid breakdowns and unnecessary delays during the cutting season.

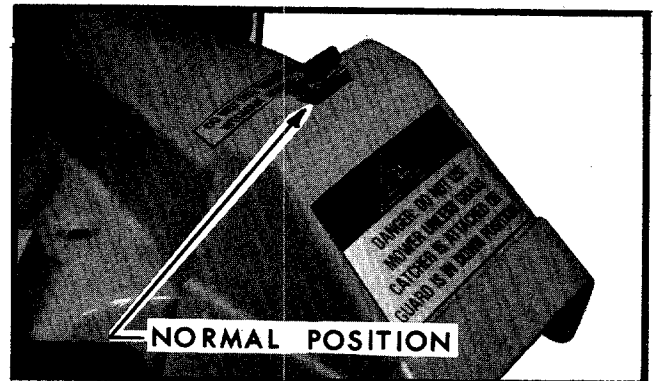
MISSILE DEFLECTOR

The missile deflector and foot guard are intended to add to the safety of the mower by deflecting objects thrown out the discharge chute and from under the housing, in a downward direction. It is important that the deflector and guard are in the proper position at all times. To change positions of the deflector, press the spring lever to free the deflector, move to the desired location then release the lever.

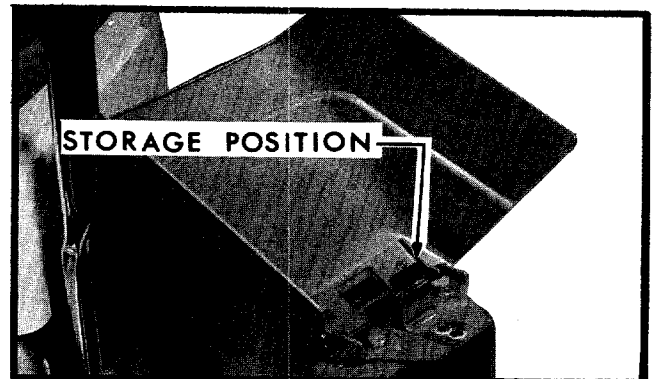
NORMAL OPERATING POSITION: When operating your mower without the grass catcher the deflector should be in the normal operating position as shown.



STORAGE POSITION: This position is to be used only when storing your mower or for ease in transporting your mower in another vehicle. Take care not to operate your mower with the deflector in this position.



CATCHER POSITION: When using the grass catcher, the deflector must be in the position as shown. The catcher mounting bracket is shown installed, for details showing how to install and use the Yard-Man Grass Catcher see the instruction sheet packed with the catcher.



PREPARING YOUR YARD-MAN MOWER FOR USE

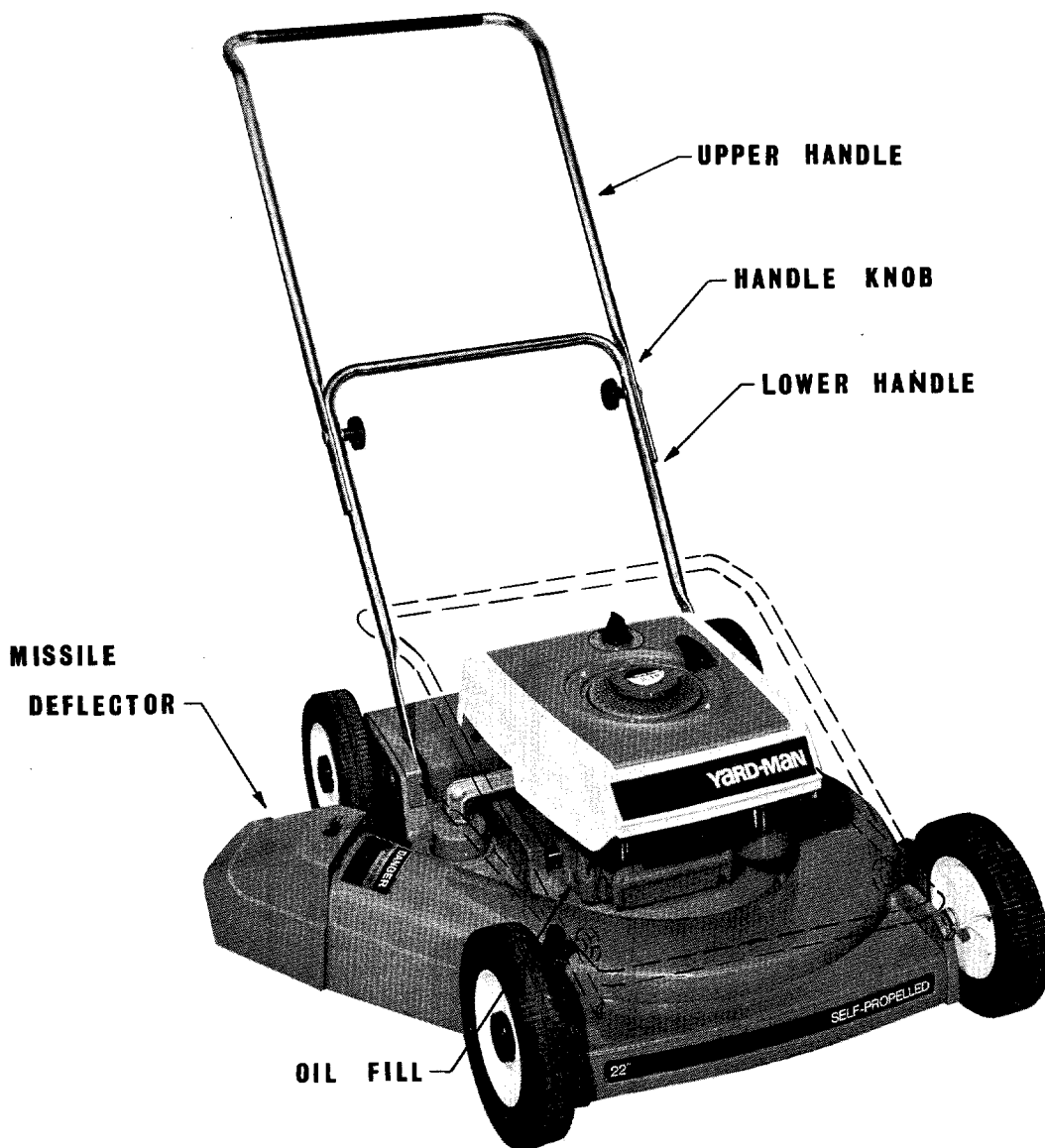
SET-UP

Your mower is shipped in one carton, completely assembled with the handle assembly, foot guard and missile deflector in the shipping or storage position. Use care and caution in removing your mower from the carton. **DO NOT** attempt to lift the unit by the engine shroud.

To place the handle in operating position, press the up-stop lever to release the handle then lift the handle assembly until the lower section snaps into the operating position as shown. The upper section can now be moved into place. Tighten the upper and lower sections together with the handle knobs.

NOTE: When folding handle for storage, make sure the handle knobs are loose enough to allow the upper section to pivot freely around the mounting bolts.

CAUTION: Care should be taken not to force the deflector from the storage position to the catcher position without first locating the spring lever properly. To do this, first remove the sparkplug wire and fasten it at least one inch (1") away from the sparkplug. Guide the spring lever, by hand, into the clearance slot on the underside of the deflector then hinge the deflector into the catcher or operating positions.



BEFORE STARTING ENGINE

Remove oil fill plug and fill the crankcase with S.A.E. No. 30 oil. (1¼ pints approx.)

Fill fuel tank completely full with a good grade regular clean, fresh gasoline. **DO NOT MIX OIL WITH GASOLINE.** FOR COMPLETE ENGINE INFORMATION, READ ENGINE INSTRUCTION BOOKLET BEFORE STARTING ENGINE.

TO START ENGINE

1. Place throttle control knob in **HEAVY** or **NORMAL** cutting position.
2. While standing at the left side of the mower, opposite the discharge chute, pull the starter rope with a quick full stroke. Repeat if necessary.
3. When engine starts, move throttle control knob to slow speed until engine warms up.

NOTE: If engine floods, place throttle control knob in "Stop Position." Pull starter rope at least 4 times. This will clear the engine of excess gas. Then reposition control lever to normal cutting position and follow the suggested starting procedure.

Engine flooding is usually caused by a dirty air cleaner. **Service air cleaner regularly as noted in engine instruction manual.**

If engine continues to flood even with a clean air filter, lean carburetor adjustment screw 1/8 turn. (See engine instructions)

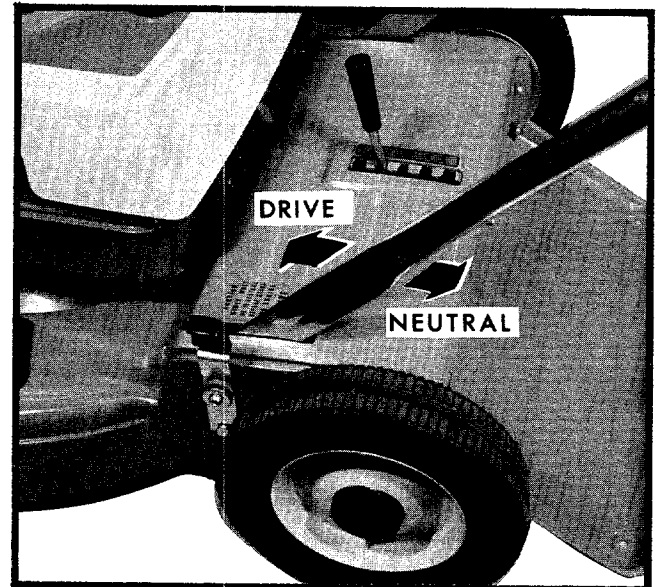


OPERATING INSTRUCTIONS

This mower is constructed with a "Dead Man" handle. When the handle is down the drive unit is in neutral, when the handle is up the drive (self-propelling) unit is engaged. **TO PROPEL THE MOWER FORWARD**, simply raise the handle—**TO STOP THE MOWER**, lower the handle.

CAUTION: The blade is moving whenever the engine is running. Never place your hands or feet in the discharge opening or under the blade housing while the engine is running.

NOTE: If the rear wheels do not roll backwards, **WITH THE ENGINE NOT RUNNING**, it will be necessary to retune the clutch. This is done by removing the sparkplug wire and securing it at least 1" away from sparkplug. Slowly pull the recoil starter several times with the mower handle down in the neutral (disengaged) position. This will retune the clutch.



BREAK-IN PERIOD

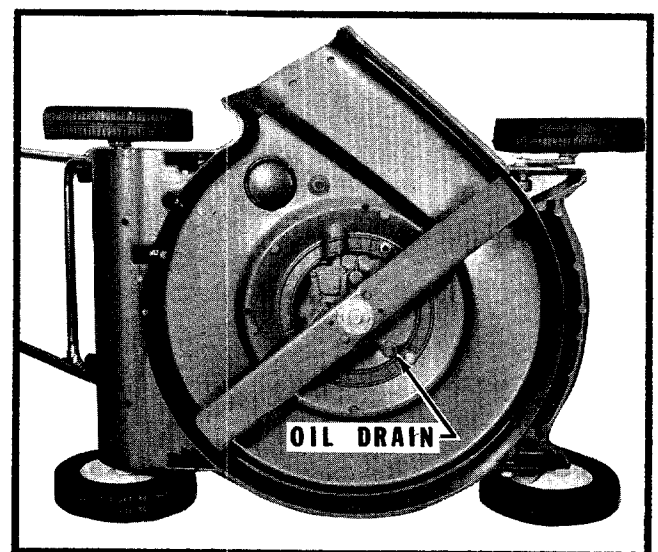
During the first ten hours of operation, check the following items frequently:

- Oil Level
- All nuts, bolts and screws for tightness
- Condition of Blade

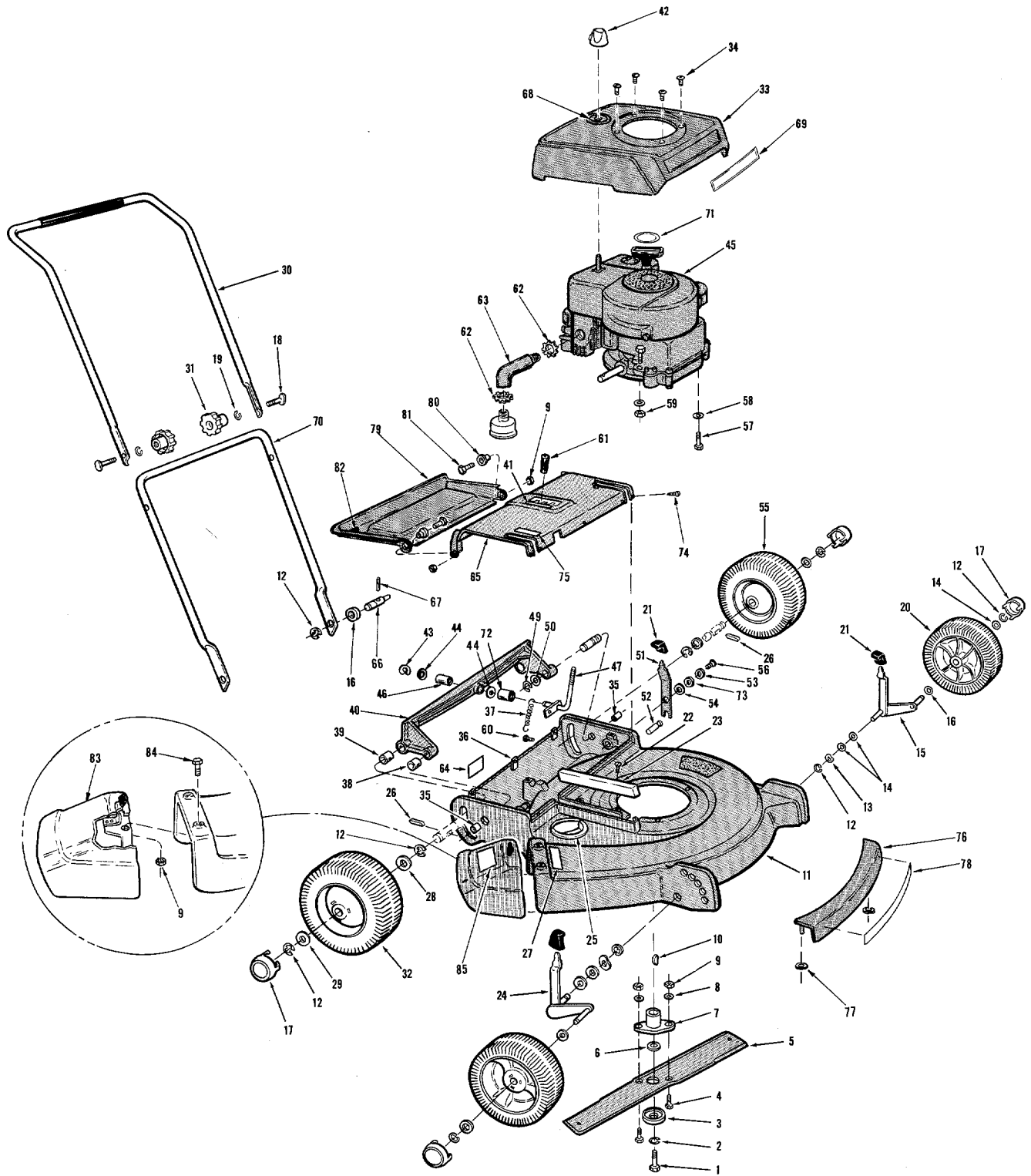
TO CHANGE OIL

Engine oil should be changed after the first 5 hours of operation and each 25 hours of operation thereafter.

Drain oil while engine is warm. Disconnect spark plug wire and secure at least 1" away from spark plug. Block right hand side of mower up about 4" high and set shallow one quart container beneath oil drain. Remove oil drain plug from sump and allow oil to drain completely. Replace plug and refill with S.A.E. #30 oil. (1 1/4 pints approx.)



MODEL 2340-2



For Parts List — See Pg. 7

ALL UN-NUMBERED PARTS
INTER-CHANGEABLE WITH
OPPOSITE SIDE.

PARTS LIST

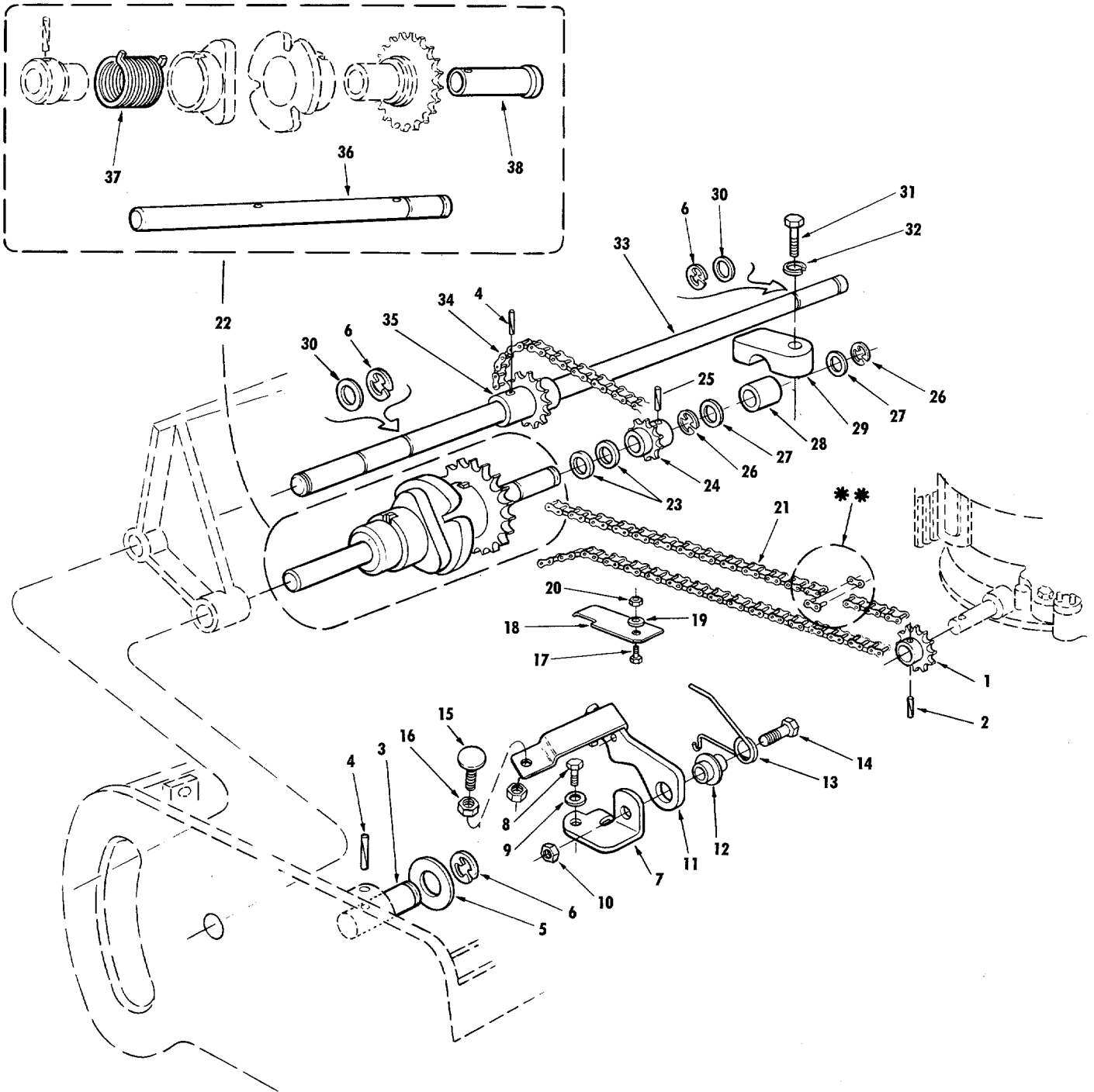
MODEL 2340-2

Your Mower is right hand (R.H.) or left hand (L.H.) as you Mow.

REF. NO.	PART NO.	NAME OF PART	REF. NO.	PART NO.	NAME OF PART
1	1509-101	Bolt (3/8-24 x 1 1/8 Hex Hd. Lock) _____	45		Ass'y—Engine Briggs & Stratton Model 92988—Type 1032-03 _____
2	1542-8	*Lockwasher (3/8 Split) _____	46	1652-120	Bearing _____
3	1543-39	Washer—Special _____	47	1155-23	Ass'y—Lever & Bracket _____
4	1509-34	*Bolt (1/4-20 x 3/4 Hex Hd.) _____	48	1547-46	Pivot Pin _____
5	3604-40	Blade—Grass _____	49	1650-44	Retaining Ring _____
6	1624-135	Washer (3/8 x 1 x .210) _____	50	1540-25	*Washer (7/16 x 1 x 1/32) _____
7	1143-5	Ass'y—Blade Adaptor _____	51	1705-35	Lever—Upstop _____
8	1018	*Lockwasher (1/4 Split) _____	52	1547-48	Pin—Upstop _____
9	1538-8	Locknut (1/4-20 Hex Hd.) _____	53	1540-55	Washer—Flat (.23 x 3/4 x .60) _____
10	1646-8	Key (#6 Woodruff) _____	54	1543-58	Washer—Rubber _____
11	5601-176-55	Blade Housing _____	55	1108-177-41	Ass'y—Wheel & Tire L.H. (8 x 1.75) _____
12	1650-1	Retaining Ring _____	56	41-054	Screw (10-32 x 9/16 Ph. Hd.) _____
13	1552-2	Washer—Wave _____	57	1509-75	*Bolt (5/16-18 x 1 1/2 Hex Hd.) _____
14	1540-90	*Washer (1/2 x 1 x 1/32) _____	58	41-046	Washer (21/64 x 5/8 x 1/16) _____
15	2123-32	Ass'y—Axle (L.H.) _____	59	1538-6	*Nut (5/16-18 Hex Lock) _____
16	1540-86	*Washer (1/2 x 1 x 1/8) _____	60	1545-11	Clevis Pin _____
17	2674-39-40	Hub Cap _____	61	1643-38	Knob—Height Adjust _____
18	1513-103	Bolt (5/16-18 x 1 1/4 Special) _____	62	1539-67	Conduit Nut _____
19	1025	*Washer (5/16 Split) _____	63	2610-23	Adaptor—Muffler _____
20	2108-187-41	Ass'y—Wheel & Tire 8 x 1.75) _____	64	1605-576	Name Plate _____
21	2643-43	Knob—Height Adjust _____	65	3118-60-55	Ass'y—Cover Plate _____
22	1511-41	Screw (10-32 Thd. Cutting) _____	66	1547-45	Handle Pin _____
23	2639-56-55	Chain Guard _____	67	1548-15	Rollpin _____
24	2123-33	Ass'y—Axle (R.H.) _____	68	1616-576	Label—Throttle _____
25	2556-20-55	Muffler Deflector _____	69	2616-564	Label (Yard Man) _____
26	323	Pawl _____	70	1117-102-01	Ass'y—Lower Handle _____
27	1616-525	Label _____	71	1616-561	Label—Starter _____
28	1540-22	*Washer (19/32 x 1 1/4 x 1/16) _____	72	1624-183	Spacer _____
29	1540-17	*Washer (19/32 x 15/16 x 1/16) _____	73	1624-188	Spacer—Upstop Lever _____
30	2117-103-01	Ass'y—Upper Handle _____	74	1511-41	Screw (#10-24 x 5/8 Hex Hd.) _____
31	1643-47	Knob—Handle _____	75	1616-450	Label—Drive Control _____
32	1108-176-41	Ass'y—Wheel & Tire R.H. (8 x 1.75) _____	76	3699-112-55	Shroud—Blade Housing, Front _____
33	4699-96-55	Shroud—Engine _____	77	1539-20	Nut—Special _____
34	1526-1	*Screw (#8-1/2 Phillips Hd.) _____	78	2616-557	Label—Front Shroud _____
35	1652-96	Sleeve Bearing (Bronze) _____	79	4556-25-55	Deflector—Rear Foot Guard _____
36	1539-78	Special Nut _____	80	1657-75	Bushing _____
37	1642-105	Height Adjust Spring _____	81	1509-15	Bolt (1/4-20 x 1/2 Hex Head) _____
38	1652-105	Sleeve Bearing (Bronze) _____	82	1550-6	Grommet _____
39	1652-104	Sleeve Bearing _____	83	2189-9-55	Ass'y—Missile Deflector _____
40	1132-101	Ass'y—Bracket & Bearings _____	84	1509-74	Bolt (1/4-20 x 7/8 Hex) _____
41	1616-410	Label—Height of Cut _____	85	1616-524	Label—A.S.A. _____
42	2643-44	Knob—Throttle _____			
43	1650-10	Retaining Ring _____			
44	1540-43	Washer (21/64 x 15/16 x 1/32) _____			

*Standard Hardware Item—Purchase Locally.

MODEL 2340-2



ALL UNNUMBERED PARTS
INTERCHANGEABLE WITH
OPPOSITE SIDE

** Part Number 0113-31 — Master Link
Furnished with Chain (Part No. 1654-25)

For Parts List—See Pg. 9

PARTS LIST
MODEL 2340-2

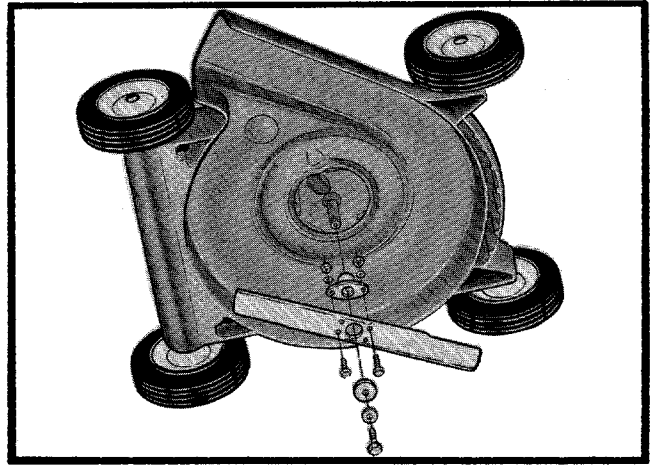
When ordering parts listed as L.H. or R.H.—determine the left or right hand side of your mower by standing behind the unit as you mow.

REF. NO.	PART NO.	PART NAME	REF. NO.	PART NO.	PART NAME
1	1638-55	Sprocket (12 Tooth)	20	1534-1	*Nut (#10-32 Hex)
2	1548-21	Rollpin (3/16 x 3/4)	21	1654-25	Chain
3	1548-59	Pin—Handle Pivot R.H.	22	2175-17	Assembly—Clutch & Shaft
4	1548-15	Rollpin (3/16 x 1)	23	1540-130	Washer (7/16 x 13/16 x 14 Ga.)
5	39-012	Washer (1/2 x 15/16 x 1/16)	24	1638-45	Sprocket (13 Tooth)
6	1650-1	Retaining Ring	25	1548-11	Rollpin (7/32 x 1 1/8)
7	1609-575	Bracket—Actuator Mounting	26	1650-44	Retaining Ring
8	3-77	*Bolt (5/16-18 x 1/2 Hex Hd.)	27	1540-133	Washer—Special
9	1025	*Washer (5/16 Split Lock)	28	1652-97	Bearing
10	1538-6	*Nut (5/16-18 Hex Lock)	29	1629-64	Retainer
11	1155-40	Ass'y—Actuating Lever & Spring ..	30	1540-22	Washer (.594 x 1 1/4 x 1/16)
12	1657-89	Bushing	31	1513-108	*Bolt (1/4-20 x 1 Hex Hd.)
13	2642-131	Spring—Torsion	32	1018	*Washer (1/4-20 Split Lock)
14	1509-17	*Bolt (5/16-18 x 1 Hex Hd.)	33	2632-191	Shaft—Rear Drive
15	1513-86	Bolt	34	1654-26	Chain
16	1538-19	Nut (1/4-20 Hex Jam)	35	1638-60	Sprocket (18 Tooth)
17	1095	Screw (10-32 x 1/2 Phillips)	36	1632-190	Shaft—Clutch
18	1724-18	Keeper—Chain Idler	37	1642-136	Spring—Clutch
19	39-027	*Washer (#10 Split Lock)	38	1652-129	Bearing—Clutch

*Standard Hardware Item—Purchase Locally

TO REPLACE BLADE

1. Be sure engine is stopped, disconnect spark plug wire and secure at least 1" away from spark plug.
2. Tip mower on the side and remove the blade and adaptor from engine crank.
3. Remove the blade from the adaptor and replace with a new blade. Reassemble to engine.
4. Resharpening of an old blade should only be attempted by a qualified Service Center. This way proper blade balance will be maintained.

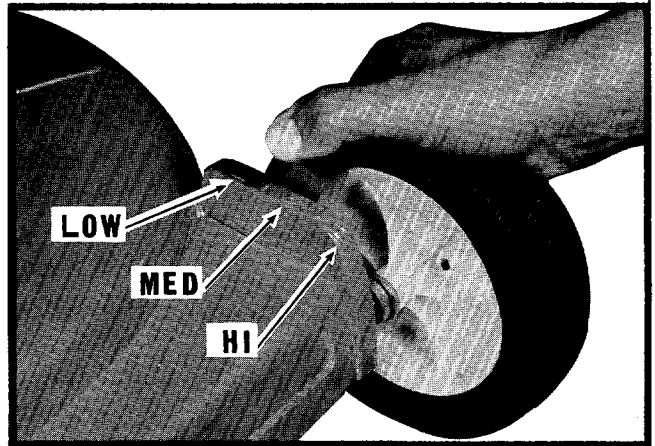


TO ADJUST HEIGHT OF CUT

This mower is equipped with individual wheel adjust levers on the front wheels. The rear wheels are adjusted with the single control. To obtain the proper cutting position desired, it is important that all three wheel adjusters are in the same cutting height.

WHEEL ADJUST – FRONT

The front wheel adjust levers can easily be adjusted from low to high cut. Place your hand on the outside of the wheel, spring the adjusting lever, with your thumb, outward until the locating trunnion on the lever is free from the housing. Move the wheel and lever to the height of cut desired. Release the lever, allowing the trunnion to drop into the proper locating hole.

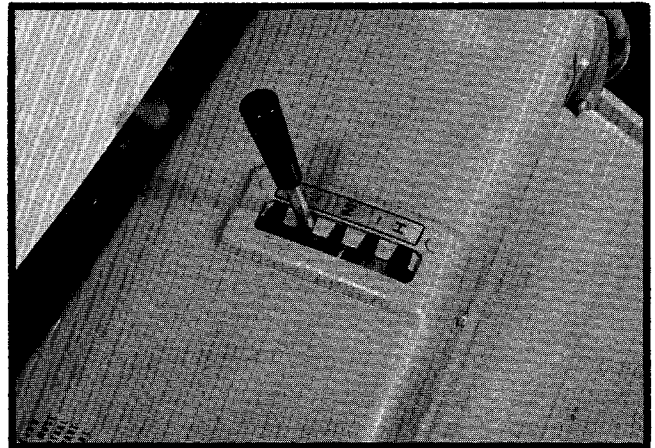


WHEEL ADJUST – REAR

The rear wheel adjust is a single lever action which adjusts both rear wheels at the same time. To adjust press the spring loaded handle out of the detent and move it to the proper detent for the cutting height desired.

The rear adjust mechanism has a counterbalancing spring to help compensate for the weight of mower when moving from high to low position.

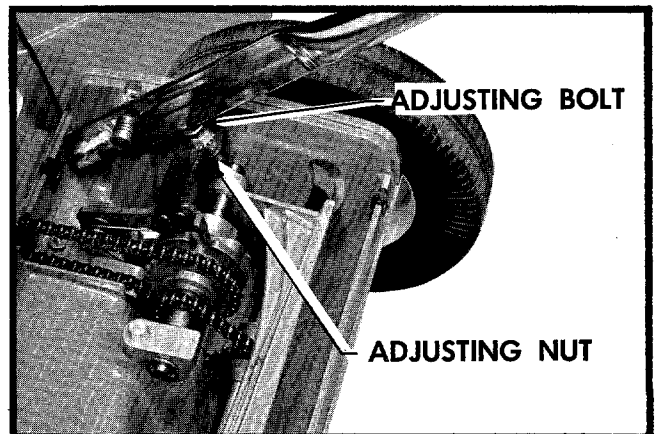
CAUTION: NEVER MAKE ADJUSTMENTS WITH THE ENGINE RUNNING.

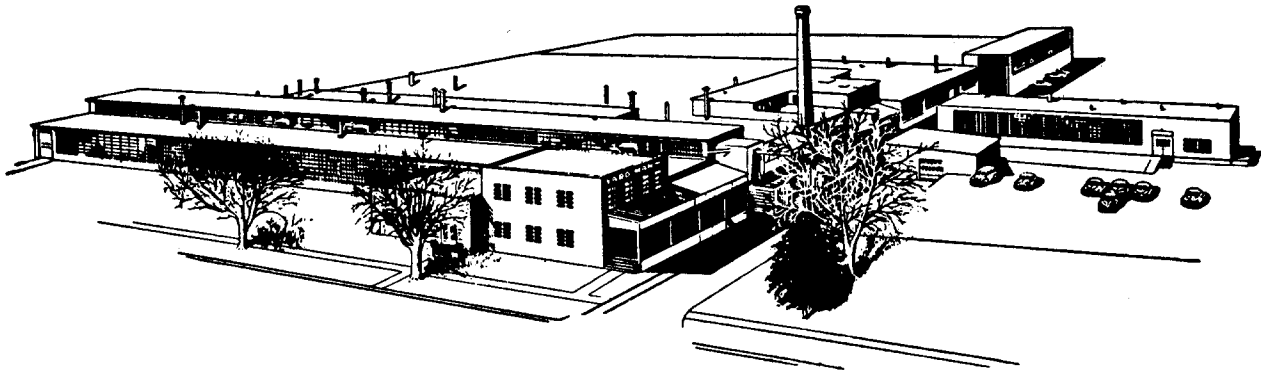


CLUTCH ADJUSTMENT:

Your clutch may at sometime require adjustment.

Procedure: (1) Remove spark plug wire and fasten 1" from plug. (2) Remove rear cover, and loosen jam nut holding clutch adjusting bolt, raise bolt head approximately two turns. Retighten jam nuts and lower handle to operating position. Retime clutch as outlined on Page 4. Replace cover.





WARRANTY

We guarantee all parts against defects in material and workmanship for a period of one (1) year from the date of purchase when used for residential. 90 days for commercial.

We agree to repair or replace without charge to the original Purchaser, including labor, any part or parts upon examination by a Yard-Man Authorized Dealer to be defective within the guarantee period except the engine which is warranted separately by the manufacturer. **All transportation charges for replacement under this guarantee must be paid by the Purchaser.**

This guarantee will not apply to a unit which has been subjected to misuse, negligence, accident or to a unit which has been altered in any way.

YARD-MAN

Yard-Man reserves the right to make engineering changes without prior notification or responsibility to the Purchaser.