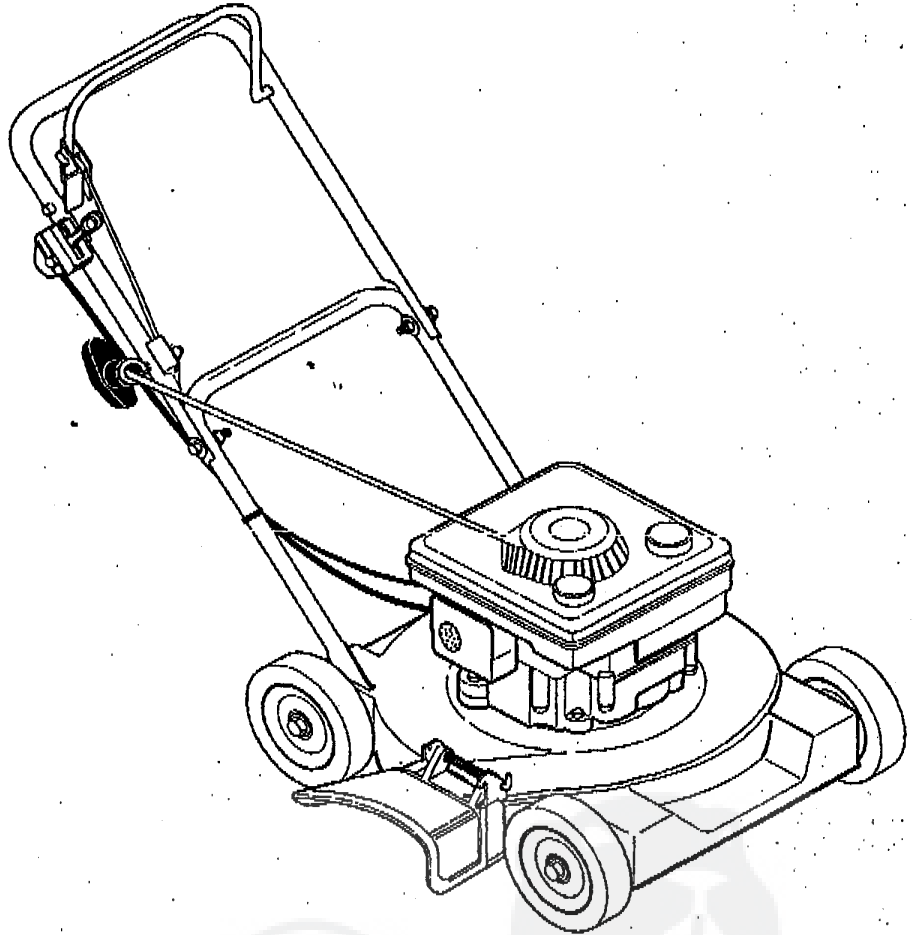


OWNER'S MANUAL

DYNAMARK



ROTARY MOWER MODEL C2035-010

NOMA Outdoor Products Incorporated
Call 8000
Jackson, Tennessee 38308-8000

Part No.319584

Price \$2.00



SAFETY INSTRUCTIONS



READ AND FOLLOW THESE SAFETY INSTRUCTIONS CAREFULLY TO ENSURE SAFE AND PROPER OPERATION OF YOUR UNIT.

TRAINING

- Read the owner's manual carefully. Be thoroughly familiar with controls and the proper use of the mower.
- Never allow children or young teenagers to operate a power mower and instruct them to stay away while it is operating. Never allow adults to operate mower without proper instructions.
- Wear safety glasses or eye shields when assembling or operating mower.
- Keep the area of operation clear of all persons, particularly small children, and pets.

PREPARATION

- Thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- Do not operate the mower when barefoot or wearing sandals. Always wear substantial footwear. Do not wear loose fitting clothing that could get caught in moving parts.
- Check the fuel before starting the engine. Do not fill the fuel tank indoors, when the engine is running or until the engine has been allowed to cool for several minutes after running. Clean off any spilled fuel before starting the engine. Use only approved fuel container.

OPERATION

- Do not change the engine governor settings or overspeed the engine.
- Do not put hands or feet near or under rotating parts.
- Stop the blade when crossing gravel drives, walks or roads.
- After striking a foreign object, stop the engine (motor), remove the wire from the spark plug (or disconnect battery wire if so equipped), thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
- If the mower should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
- Stop the engine (motor) whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.


- When cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug (or disconnect battery wire if so equipped) to prevent accidental starting.
- Do not run the engine indoors; exhaust fumes are dangerous (containing CARBON MONOXIDE, an ODORLESS and DEADLY GAS).
- Shut the engine (motor) off and wait until the blade comes to a complete stop before unclogging housing.
- Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
- Give your complete and undivided attention to the job at hand while mowing.
- Never operate the mower without proper guards, plates, or other safety devices in place.
- Keep washout ports and other mower-housing openings closed when mowing.
- Always clean clippings from underside of mower-housing and around drive elements after each use.

MAINTENANCE AND STORAGE

- Check the blade and engine mounting bolts at frequent intervals for proper tightness.
- Keep all nuts, bolts, and screws tight to be sure the mower is in safe working condition.
- Never store the mower with fuel in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
- To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.

The operation of any mower can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating mower. We recommend standard safety glasses or wide vision mask over spectacles.



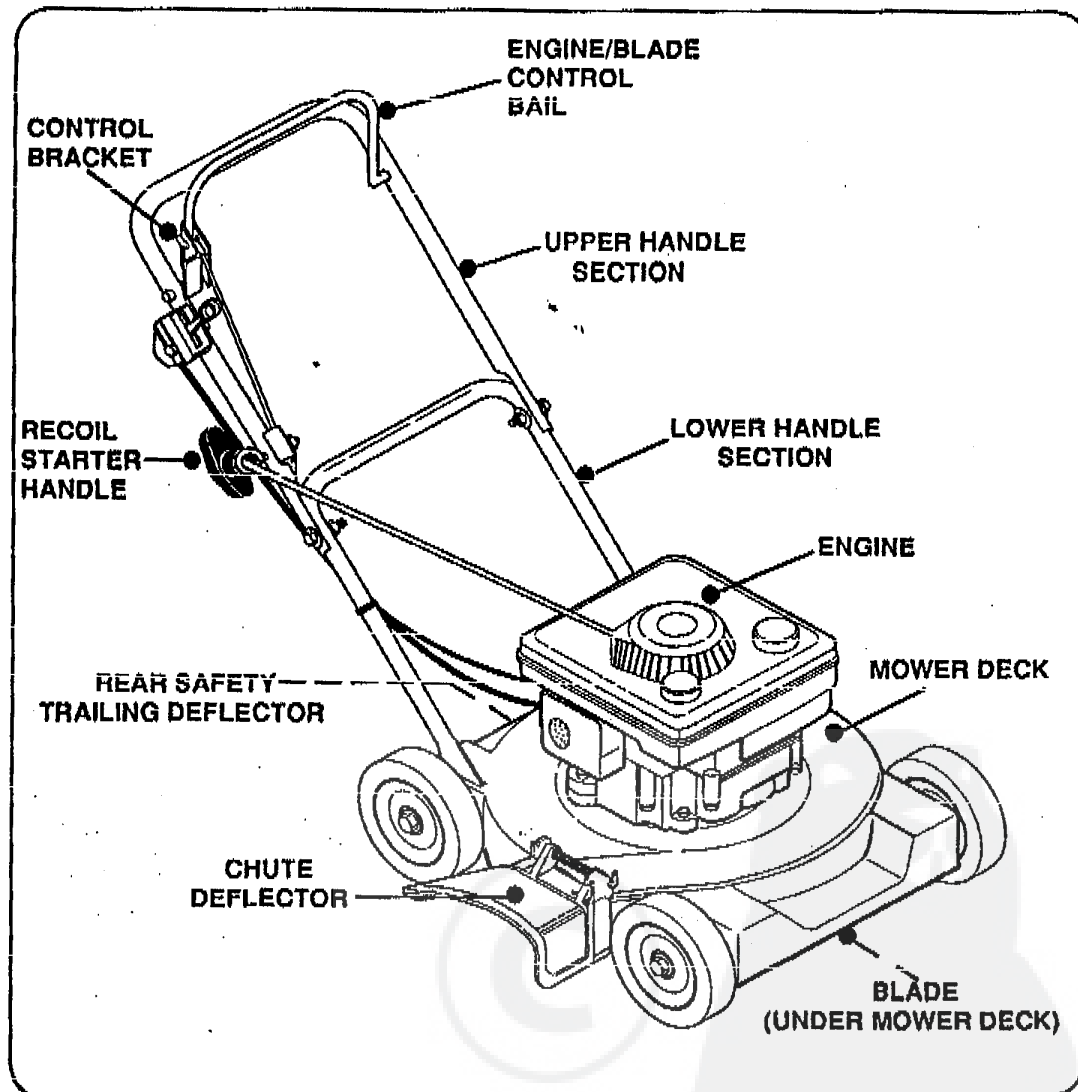
THE SAFETY SYMBOL  AND THE EXPLANATION WITH IT DESERVE YOUR CAREFUL ATTENTION. A SYMBOL DOES NOT ELIMINATE THE DANGER NOR IS IT A SUBSTITUTE FOR PROPER ACCIDENT PREVENTION MEASURES. USE COMMON SENSE, A ROTARY MOWER IF OPERATED IMPROPERLY CAN CAUSE SERIOUS PERSONAL INJURY.

MOWER PARTS AND SERVICE

Fill in and mail Registration card packed with the unit. For service other than specified in this manual, contact an authorized service dealer. A nationwide parts and service organization has been established to provide locally available parts and service. A list of authorized parts distributors has been included in this manual. When ordering repair parts, always give the following information: 1. The Part Name; 2. The Part Number; 3. The Quantity Desired; 4. The Full (eight digit) Model Number of the Mower. The model number will be found on a plate attached to the mower. All replacement parts will be supplied in current production colors or in a neutral color. A handling fee is applicable to small parts orders.

KNOW YOUR MOWER

- **CONGRATULATIONS!!** You have purchased a quality built rotary mower, designed for many years of dependable service.
- The Information contained in this manual will familiarize you with the controls, operational procedures and maintenance required to assure many years of safe dependable service.
- Instructions within this manual referring to right hand (RH) or left hand (LH) are from operators position at rear of mower.



IMPORTANT

THIS MOWER IS EQUIPPED WITH A FLYWHEEL/BRAKE SYSTEM THAT COMPLIES WITH THE U.S. CONSUMER PRODUCT SAFETY COMMISSION STANDARDS. THE BLADE MUST STOP ROTATING WITHIN THREE SECONDS AFTER ENGINE/BLADE CONTROL BAIL IS RELEASED. IF ENGINE AND BLADE DO NOT STOP WITHIN THREE SECONDS, IMMEDIATELY HAVE THE UNIT CHECKED BY YOUR NEAREST AUTHORIZED SERVICE DEALER.

Illustrations in this manual may not show your model but are for reference. They are based on the latest product information available at time of publication.

UNPACKING INSTRUCTIONS

UNPACKING

1. Remove handle sections, engine/blade control bar, wheels, rear deflector, rear deflector support, chute deflector, chute deflector bracket, all loose items and hardware package from carton.

2. Remove and discard all packing material used to protect mower in carton.

3. Using a sharp object, cut corners of carton and lift mower out of carton. Place on a level surface.

NOTE: Lift mower at front and back of mower housing. Lifting by engine may cause damage. Do not pull or stretch cables attached to engine. Remember, mower blade is under housing, it is sharp and may cause a severe cut if it contacts hands or fingers. Wear gloves or other hand protection when lifting mower.

4. Open hardware packages, identify and confirm contents to assure all items required for assembly are present. See your dealer if necessary.

5. Take some time to carefully read the **Owner's Manual** to familiarize yourself with the mower, then proceed to **ASSEMBLY INSTRUCTIONS**.

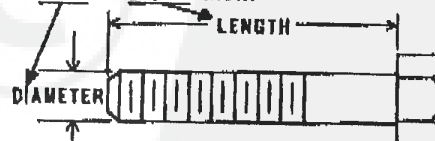
RECOMMENDED TOOLS REQUIRED

- 1 - 5/16 inch Wrench (or adjustable wrench)
- 1 - 3/8 inch Wrench (or adjustable wrench)
- 2 - 7/16 inch Wrenches (or adjustable wrenches)
- 2 - 9/16 inch Wrenches (or adjustable wrench)
- 1 - 3/4 inch Wrench (or adjustable wrench)
- 1 - Screwdriver (flat blade)
- 1 - Hammer (plastic or rawhide preferred)

SHIPPING CARTON CONTENTS

- 1 - 20" Rotary Mower
- 1 - Engine Manual
- 1 - Owner's Manual
- 1 - Warranty Registration Card
- 1 - Lower Handle
- 1 - Upper Handle
- 1 - Engine/Blade Control Bail
- 4 - Wheels
- 1 - Chute Deflector
- 1 - Chute Deflector Bracket
- 1 - Support for Rear Deflector
- 1 - Rear Deflector
- 1 - Bag of Assembly Parts Containing:
 - 4 - Shoulder Bolts 3/8-16 (Wheel Axle)
 - 4 - Nuts, Wide Flange 3/8-16 Thd.
 - 4 - Flatwashers, .391x1.00x.125
 - 3 - Screws, Hex Washer Head, 10-24 x .50 In.
 - 2 - Cable Ties
 - 3 - Nuts, Centerlock, #10-24
 - 2 - Screws, Hex Head, 5/16-18 x 1.50 In.
 - 2 - Nuts, Centerlock, 5/16-18 Thd.
 - 4 - Formed (Curved) Washers
 - 2 - Screws, Hex Head, 3/8-16 x 1.50 In.
 - 2 - Spacers, Sleeve
 - 2 - Nuts, Centerlock, 3/8-16 Thd.
 - 4 - Flatwashers, .375x.88x.082
 - 1 - Screw, Round Head, 10-24 x 1.50 In.
 - 1 - Nut, Reg. Hex #10-24
 - 1 - Rope Guide
 - 1 - Bail Bracket
 - 2 - Screws, Hex Head, 1/4-20 x .50 In.
 - 3 - Nuts, Centerlock, 1/4-20 Thd.
 - 1 - Acorn Nut, Palnut
 - 1 - Torsion Spring
 - 1 - Pin-Hinge, Catcher

HOW TO MEASURE SCREW SIZE
(5/16 x 1-1/2 INCH)

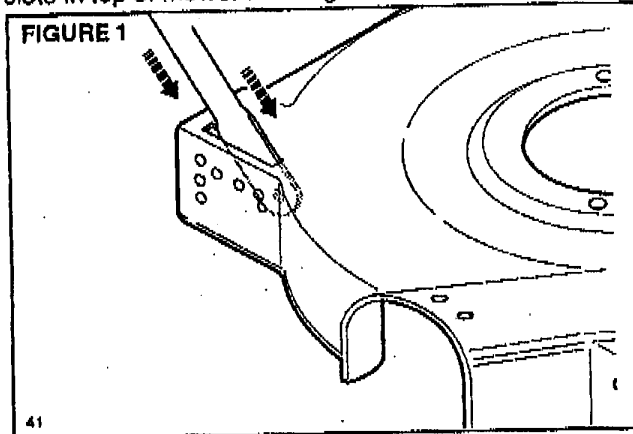


ASSEMBLY INSTRUCTIONS

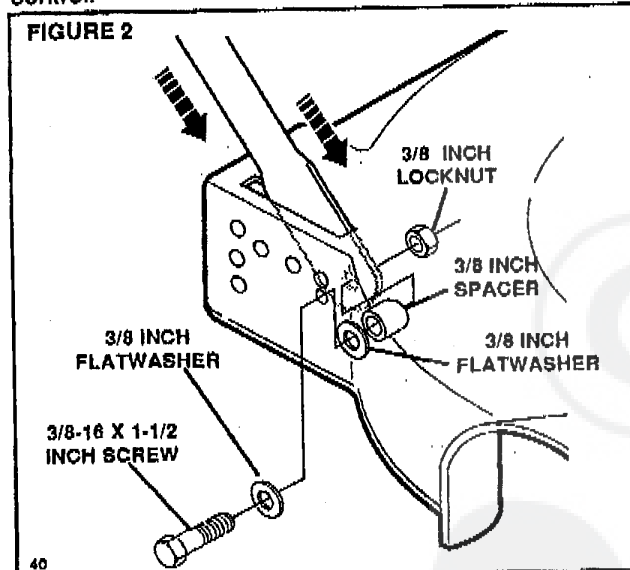
HANDLE ASSEMBLY

Lower Handle

1. Insert bottom ends of lower handle section through slots in top of mower housing as shown in Figure 1.



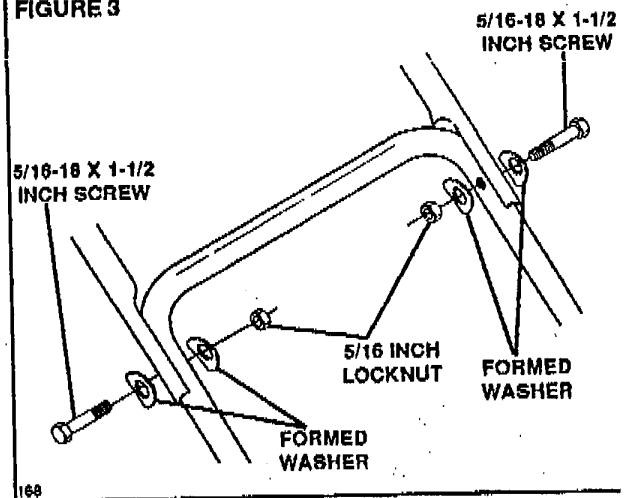
2. Place a 3/8 inch flatwasher onto a 3/8-16 x 1-1/2 inch screw. Insert screw through lower front mounting hole in right side of mower housing as shown in Figure 2. Install a 3/8 inch flatwasher and 3/8 inch spacer onto screw. Position lower handle so that screw can be inserted through hole at the bottom right side of handle. Assemble a 3/8 inch locknut and tighten securely.
3. Repeat Step 2 to secure left side of handle section and tighten screw securely to prevent possible loss of operator control.



Upper Handle

1. Assemble upper handle to lower handle as shown in Figure 3. Place a formed washer onto a 5/16 x 1-1/2 inch screw. Insert screw through right side handle sections. Install a formed washer and secure handle sections with a 5/16 inch locknut. Tighten securely.
2. Repeat Step 1 on left side of handle. See Figure 3.

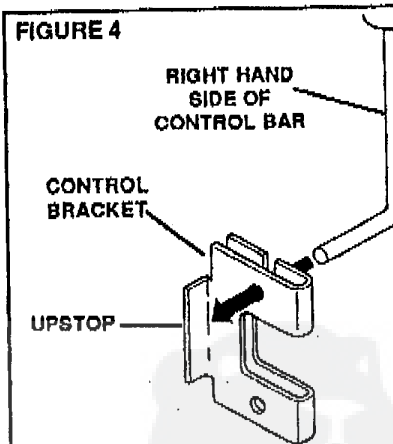
FIGURE 3



Control Bracket/ Control Bar

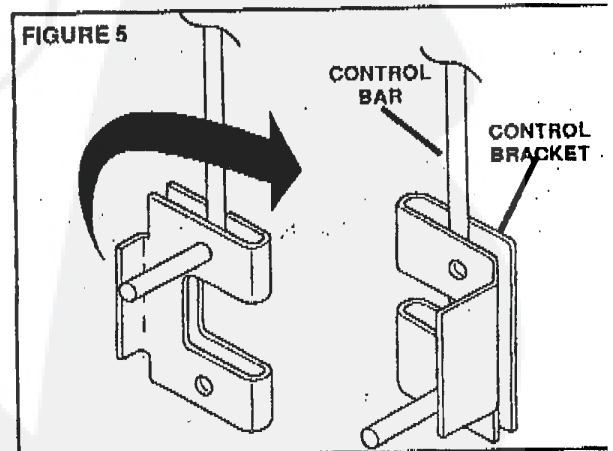
1. Insert control bracket onto control bar through slot in hole as shown in Figure 4.

FIGURE 4



2. Push bracket onto control bar then rotate bracket clockwise as shown in Figure 5. Make sure control bar is in the channel of the control bracket.

FIGURE 5

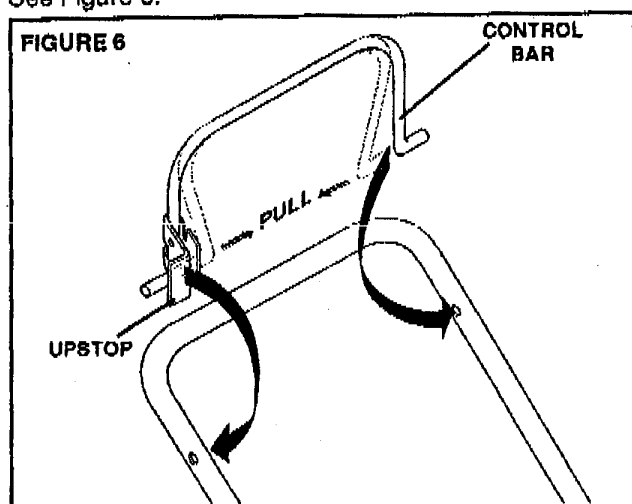


ASSEMBLY INSTRUCTIONS

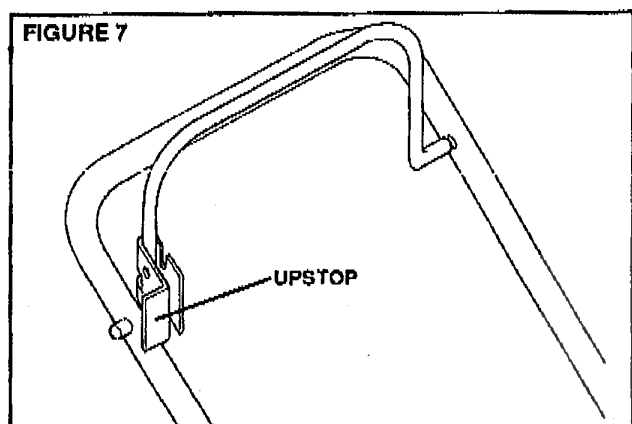
Control Bracket/Control Bar (Con't)

3. Holding control bar and bracket over top of handle section, insert left hand end of control bar into upper hole in left side of upper handle. See Figure 6.

4. Pull inward on right side of control bar and insert straight end through hole in right side of upper handle. See Figure 6.

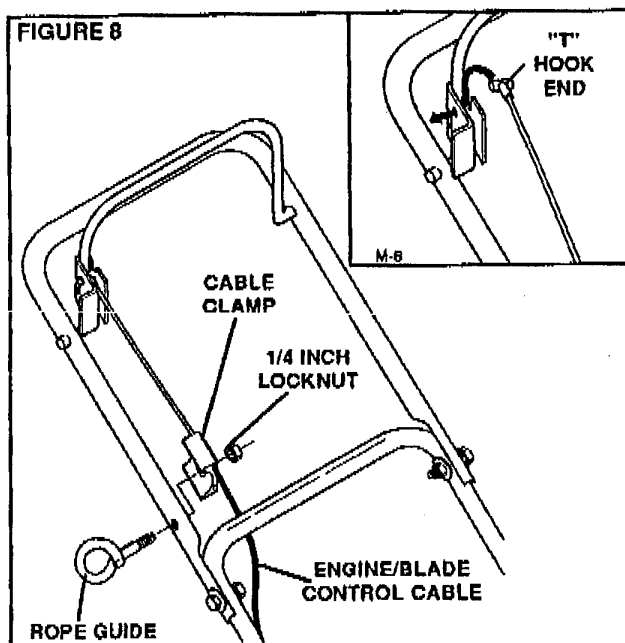


5. Be sure the upstop on control bracket is above the right leg of the upper handle. See Figure 7.



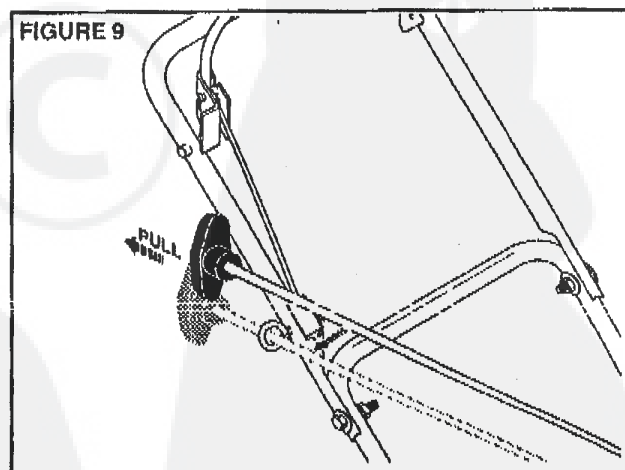
6. Route engine/blade control cable under right side of lower handle as shown in Figure 8. Insert "T" hook end of control cable into hole in right side of control bracket and slot in left side of control bracket. After installation, "T" hook end of cable should capture control bar in channel of control bracket. See Figure 8. Secure cable and rope guide to right side upper handle section as shown.

NOTE: Rope guide must be installed to outside of upper handle section, inserted through handle section and cable clamp, and secured with a 1/4 inch locknut. Do not tighten locknut, rope guide should be loose to allow for starter rope installation.



7. Rotate and hold control bar against upper handle to release engine/blade brake. Slowly pull starter handle far enough to allow starter rope to be inserted into loop in rope guide as shown in Figure 9. Tighten locknut securing rope guide to handle.

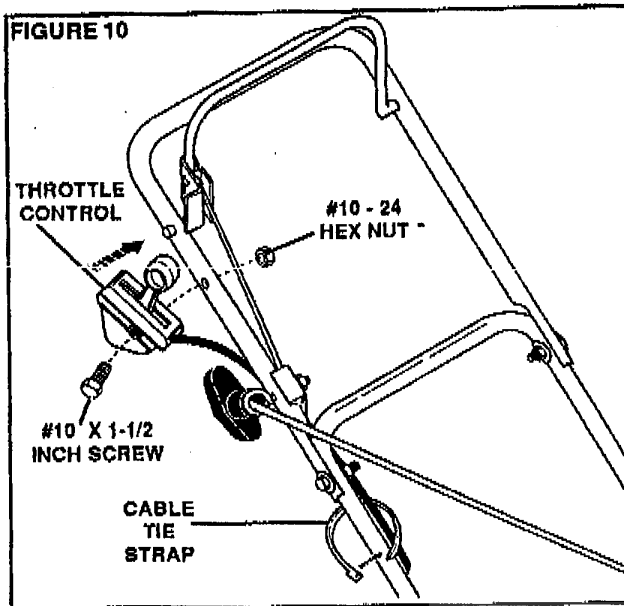
NOTE: Open end of loop in rope guide must be pointed toward the ground.



ASSEMBLY INSTRUCTIONS

Throttle Control

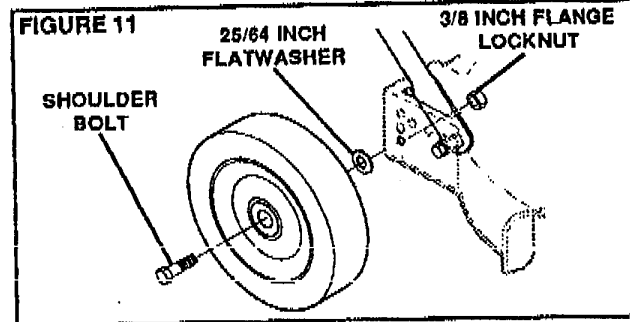
1. Insert #10 x 1-1/2 inch screw through throttle control and assemble to outside of right side upper handle section as shown in Figure 10. Assemble #10 hex nut and tighten securely to retain throttle control in position on upper handle section.
2. Secure throttle control cable and engine/blade control cable to lower handle section using cable tie strap supplied. **NOTE:** Cables must be routed under right side handle section. Check installation, cables must be free of bends or kinks to allow for proper cable operation.



Wheel Assembly

INSTALLATION OF THE WHEELS TO MOWER HOUSING DETERMINES CUTTING HEIGHT OF THE BLADE. SEE CUTTING HEIGHT ADJUSTMENT. THE REAR WHEELS ARE MOUNTED IN ONE OF THE THREE VERTICAL HOLES IN EACH SIDE NEAR REAR OF HOUSING. FRONT WHEELS ARE MOUNTED IN ONE OF THE THREE VERTICAL HOLES IN EACH SIDE NEAR FRONT OF HOUSING. ALL FOUR WHEELS MUST BE ASSEMBLED TO MOWER HOUSING USING CORRESPONDING MATCHING HOLES. EXAMPLE: REAR WHEELS INSTALLED IN BOTTOM HOLE, FRONT WHEELS MUST BE INSTALLED IN BOTTOM HOLE.

1. Insert shoulder bolt through a rear wheel (three spoke or short hub side of wheel is facing outward).
2. Install a 25/64 inch flatwasher onto shoulder bolt and insert shoulder bolt into one of the vertical mounting holes in mower housing. Secure wheel assembly to mower housing using a 3/8 inch flange locknut. See Figure 11.
3. Repeat procedure and install remaining wheels to mower housing. Be sure wheels are installed in the corresponding matching holes.

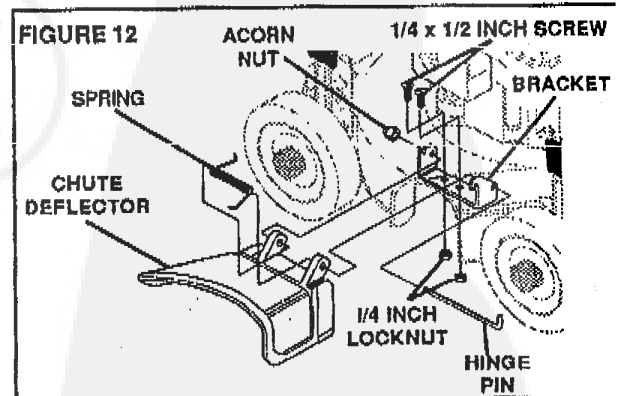


Chute Deflector Assembly

1. Position chute deflector hinge bracket over discharge opening in right side of mower housing. **NOTE:** Hooks in bracket must face outward away from engine as show in Figure 12. Secure bracket to housing using (2) two 1/4 x 1/2 inch hex head screws and (2) two 1/4 inch locknuts. Tighten locknuts securely.
2. Place chute deflector inside tabs of hinge bracket and align holes in bracket with holes in deflector. Inse straight end of hinge pin (from front side) half way throug chute deflector. Spread apart spring legs pushin downward on deck and chute deflector as you inse hinge pin through spring, deflector, and bracket. Se Figure 12.

NOTE: Spring is installed correctly when front leg is c top of deflector and rear leg (leg facing handle) is towal engine and on top of mower housing.

3. Secure hinge pin with acorn nut. Hint: Use adjustab wrench to screw on self-tapping acorn nut. Do n overtighten.
4. Check assembly for proper deflector operation b lifting deflector upwards, release deflector. Spring shou return it to normal operating position. Do not opera mower without deflector properly installed.



MAINTENANCE



DANGER

To prevent injury, keep feet, hands, hair and loose clothing away from any moving parts on engine or mower when performing adjustments or maintenance that requires engine to be running.

CRANKCASE OIL

Change crankcase oil after first(5) five hours of operation and every(25) twenty-five hours thereafter. Check oil level before each use, add oil as required.

1. Disconnect spark plug lead wire.
2. Remove gas from fuel tank or seal fuel tank to prevent fuel leakage by removing fuel cap and covering tank opening with a piece of plastic (such as kitchen wrap), reinstall fuel cap.
3. Position a suitable container in front of mower.
4. Remove oil fill/drain cap.
5. Lift rear of mower and tilt forward allowing oil to drain into container. Dispose of used oil properly.
6. Return mower to operating position and refill crankcase with oil as specified in Engine Operation and Maintenance Manual.
7. Install oil fill/drain cap and tighten securely.

8. Fill fuel tank with fuel.
9. Reconnect spark plug lead wire.

AIR FILTER

Clean every (25) twenty-five hours of operation under normal operating conditions, more often under dusty conditions. To clean or replace air filter, see Engine Operation and Maintenance Manual.



DANGER

Never operate engine without air filter installed. A defective air filter can result in loss of engine power, create excessive wear and/or damage to internal engine components by allowing dirt or dust to enter engine through carburetor. Replace a damaged or dirt clogged air filter as described in Engine Operation and Maintenance Manual.

SPARK PLUG

Remove and check periodically for excessive carbon deposits and proper plug gap. Replace spark plug after fifty (50) hours of operation or at end of each mowing season for best engine performance. Set spark plug gap

STORAGE

Prepare mower for storage at end of mowing season or if mower will not be used within (30) thirty or more days.



DANGER

Handle gasoline carefully. It is highly flammable, careless use could result in serious fire damage to your person and/or property.
Drain fuel into an approved container outdoors, away from open flame.
Never store mower with fuel in tank indoors or in a poorly ventilated enclosure, where fuel fumes may reach an open flame, spark or pilot light on furnace, water heater, clothes dryer, etc.

ENGINE

1. Drain fuel from fuel tank into an approved container.
2. Start engine, run until fuel tank and carburetor are out of fuel.

NOTE: Gasoline, if permitted to stand unused for an extended period of time (30 days or more), may develop gummy deposits which may affect the carburetor and can cause engine failure.

3. Remove spark plug and pour (1) one ounce of engine oil into cylinder through spark plug hole. Pull starter handle several times to distribute oil which will lubricate internal parts during storage.
4. Inspect condition of spark plug and check for proper gap. Replace as required. Reinstall spark plug, leave spark plug lead wire disconnected.
5. Drain oil from engine crankcase and refill as specified in Engine Operation and Maintenance Manual.

MOWER

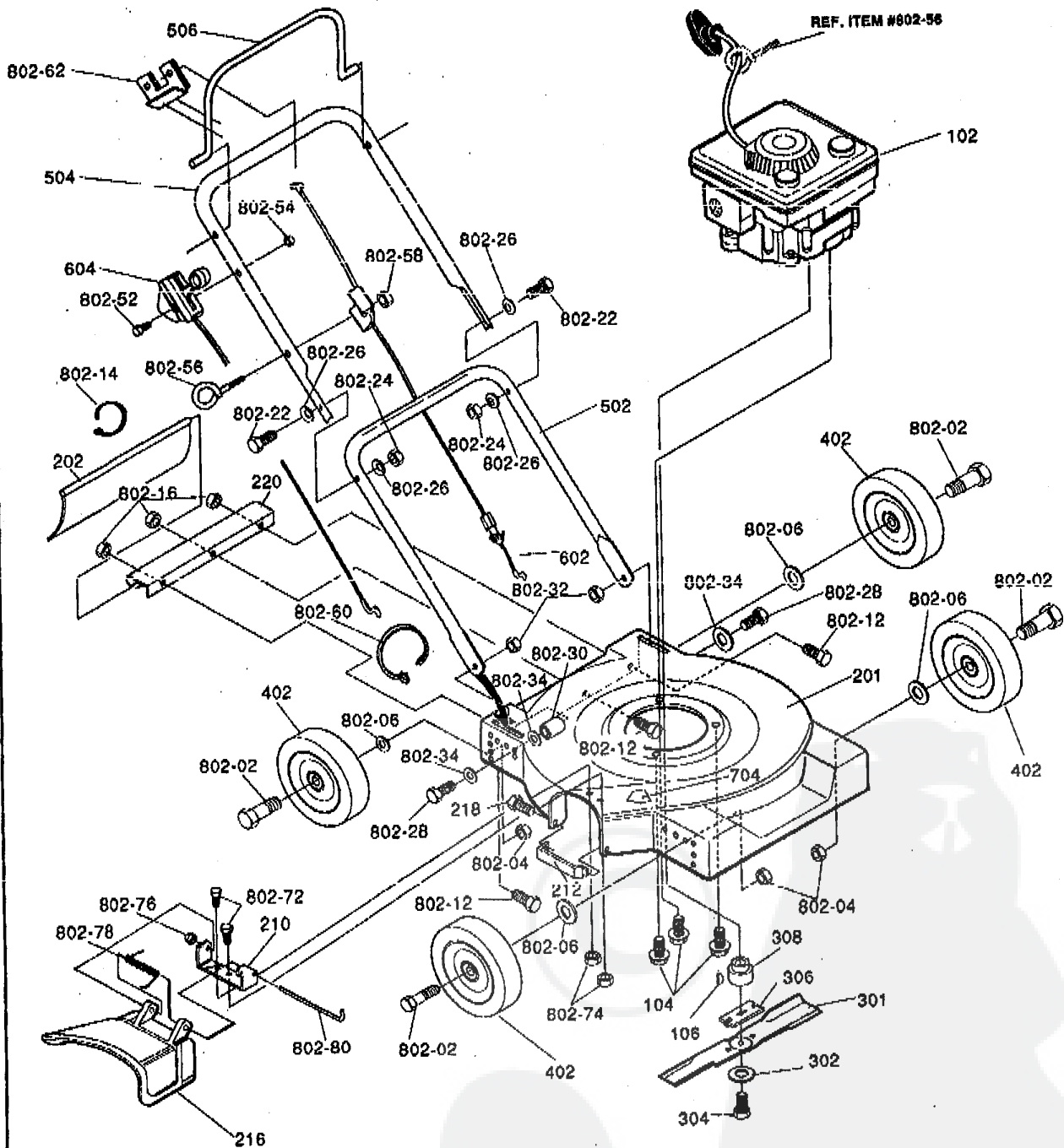
1. Clean mower thoroughly.
2. Inspect for worn and/or damaged parts, replace as required. Check and tighten all screws and nuts.
3. Inspect blade. Sharpen, check balance, or replace if required.
4. Store mower in normal operating position.

NOTE: DO NOT store mower in a position where oil in the crankcase could drain into cylinder head, doing so may cause a service problem.

A yearly check-up or tune-up by a qualified service technician will assure that your mower will provide maximum performance next season.

MODEL C2035 - 010 REPAIR PARTS

NOTE: ALWAYS USE ORIGINAL EQUIPMENT PARTS.
Use of service replacement parts other than original equipment parts may void your warranty.



NOTE: REPLACEMENT PARTS MAY NOT BE AVAILABLE IN MATCHING COLORS.

MODEL C2035 - 010 REPAIR PARTS

Key No.	Part No.	Description
102	ENGINE	~ SEE FOOTNOTE BELOW
104	48148	SCREW, 3/8-16 X1.00 HXWAHDTAP
106	55426	KEY, ADPT
201	323574	FRAME, MAIN-ROTARY
202	56547	DEFLECTOR, REAR
210	55759-953	BRACKET, HINGE PIVOT
212	57303-953	GUARD, CHUTE
216	55758	CHUTE DEFLECTOR
218	995346	SCREW, 1/4-20 X .50 WAHHTAP
220	55142	SUPPORT, REAR DEFLECTOR
301	57210	20" BLADE, SLOTTED
302	120382	* WASHER, REGSPTLK.393X.68 X.10
304	181643	SCREW, 3/8-24 X1.50 HHC
306	309214	BLADE ADAPTER
308	310430	BLADE, HUB
402	322597	TIRE & RIM
502	317652-853	HANDLE, LOWER
504	317184-853	HANDLE, UPPER
506	319842-853	CONTROL BAR
602	321872	CABLE, RESTART*
604	57345	THROTTLE CONTROL
704	315512	*DECAL, CAUTION
802-02	27142	BOLT, .500 X 1.410 HSSH 3/8-16
802-04	45171	NUT, 3/8-16 HWDFL WHIZ-LOCK
802-06	996416	FLATWASHER, .391 X 1.00 X .125
802-12	274707	SCREW, 10-24 X .50 WAHHMA
802-14	57444	CABLE TIE
802-16	997316	NUT, #10-24 REGHEXCTRLK
802-22	122040	SCREW, 5/16-18 X 1.50 HHC
802-24	1498	* NUT, 5.8-16 REGHEXCTRLK
802-26	8728	FORMED WASHER .343ID X 1.0 X .062
802-28	180126	SCREW, 3/8-16 X 1.50 HHC
802-30	319370	SPACER, SLEEVE .390 X.62 X.62
802-32	1499	* NUT, 3/8-16 REGHEXCTRLK
802-34	446363	FLATWASHER, .375 X .88 X .082
802-52	54406	SCREW, 10-24 X 1.50 SLRDMA
802-54	120361	NUT, #10-24 REGH
802-56	321354	ROPE GUIDE
802-58	1502	* NUT, 1/4-20 REGHEXCTRLK
802-60	57444	CABLE TIE
802-62	319855-853	CONTROL BRACKET
802-72	120706	SCREW, 1/4-20 X .50 HHC
802-74	1502	* NUT, 1/4-20 REGHEXCTRLK
802-76	49106	NUT, ACORN PALNUT
802-78	55767	SPRING, TORSION
802-80	55768	PIN-HINGE, CAUCHER
906	319584	MANUAL, OWNER'S C2035-010 (NOT ILLUSTRATED)

(*) Standard Hardware Items - May Be Purchased Locally.

(~) Contact Engine Manufacturer's authorized service dealer (See Engine Manual) for parts and warranty.

NOTE: Replacement parts may not be available in matching colors.