

100G AND 200G GASOLINE TRIMMER/EDGER (SERIAL NO. 10001-)



JOHN DEERE

OPERATORS MANUAL 100G AND 200G GASOLINE TRIMMER/EDGER (SERIAL NO. 10001-)

OMTY20672 K3 English

**JDM DIVISION
OMTY20672 K3**

LITHO IN THE U.S.A.
ENGLISH



Introduction



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



This Trimmer/Edger is of metric design.

For your convenience, most specifications are given in metric measurement with the customary U.S. measurement following.

Some specifications cannot be converted. These appear in metric only.

Most hardware is metric. Specified metric hardware must be used for replacement.



CAUTION: Use only metric tools. Other tools will not fit properly. They may slip and cause injury.

41N/A/160982

Record the trimmer model number (A) and serial number (B) in the space provided. Your dealer needs this information to give you prompt, efficient service when you order parts.

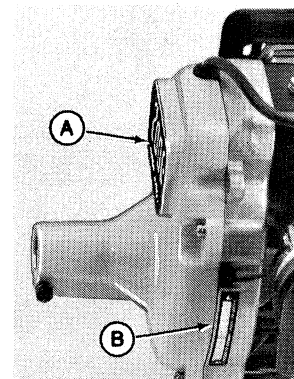
JOHN DEERE TRIMMER/EDGER

Model No. _____

Serial No. _____

Date of Purchase _____

(To be filled in by purchaser.)



TY8395/41N/B/160982

Contents

	Page		Page
SAFETY.....	2-4	OPERATE THE TRIMMER.....	14-15
IDENTIFICATION.....	5	Trimming.....	14
ASSEMBLE THE TRIMMER.....	6-8	Mowing.....	14
		Scalping.....	15
		Edging.....	15
CONTROLS.....	9	LUBRICATION.....	16
Engine Switch and Throttle Trigger.....	9	TROUBLE SHOOTING.....	17
Recoil Starter Handle.....	9		
Choke Control.....	9	SERVICE.....	18-22
PREPARE THE TRIMMER.....	10-13	Service Interval Chart.....	18
Fuel Precautions.....	10	Replace Nylon Line Cutting Head.....	18
Mixing Fuel (32:1).....	10	Install Rewound Spool.....	18
Mixing Fuel (40:1).....	10	Rewind Spool.....	19
Mix Fuel Thoroughly.....	10	Clean Air Filter.....	20
Fill Fuel Tank.....	11	Clean Fuel Filter.....	20
Adjust Cutting Line.....	11	Clean and Gap Spark Plug.....	21
Inspect Cutting Area.....	11	Clean Muffler and Exhaust Port.....	21
Start Cold Engine.....	11	Adjust Carburetor.....	22
Start Warm Engine.....	12	Clean Fuel Tank Vent Cap.....	22
Stop Engine.....	13	STORE THE TRIMMER.....	23
		ACCESSORIES.....	24
		SPECIFICATIONS.....	25

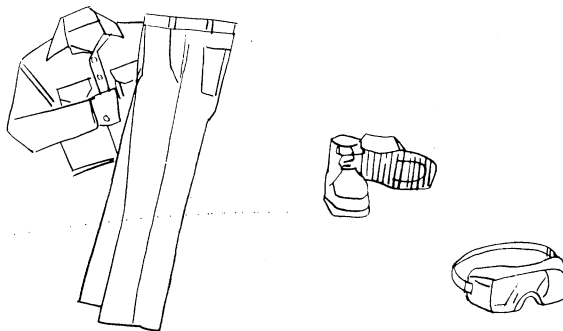
Safety

WEAR PROPER PROTECTIVE EQUIPMENT

Wear safety glasses or goggles.

Wear heavy non-slip sole shoes.

Wear proper work clothes.



TY3615

TY3615/4SA/A/160982

PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as ear-muffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.



RW213/4SA/B/160982

HANDLE FUEL SAFELY

Use a properly marked and approved safety container for mixing and storing fuel.

Mix fuel and refuel engine outdoors.

Shut off engine and allow it to cool before refueling.

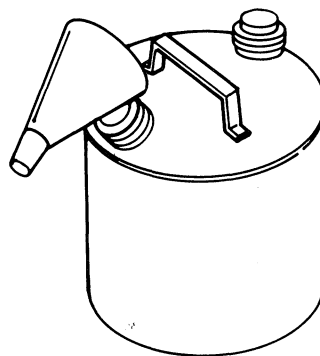
Do not smoke while refueling engine or operating trimmer.

Do not fill fuel tank more than 3/4 full.

Avoid spilling gasoline. Wipe-up any spilled gasoline before starting engine.

Move trimmer away from fueling area before starting engine.

Never mix fuel directly in fuel tank.

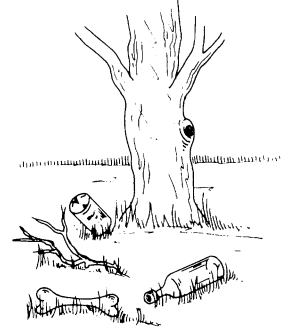


TY3848/4SA/C/160982

INSPECT THE CUTTING AREA

Remove all debris (string, wire or cords) which might clog cutting head.

Remove objects (bottles, cans or sticks) that might be thrown by trimmer.



TY3617

TY3617/4SA/D/160982

OPERATE SAFELY

Unauthorized modifications to the trimmer may impair the function and/or safety and affect trimmer life.

Do not run engine in a enclosed area. Exhaust fumes contain carbon monoxide, an odorless and deadly poison.

Do not attempt to fill fuel tank or make adjustments while engine is running.

4SA/E/160982

CUT SAFELY

Hold trimmer firmly with both hands.

Keep all persons and pets at a safe distance from work area.

Always cut so that trimmings will be discharged away from you.

Don't force the trimmer. It will do the job better and safer at the rate for which it was designed.

Don't overreach. Keep proper footing and balance.

Do not use a blade on this unit.

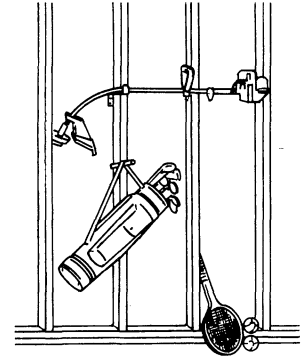
4SA/F/160982

STORE TRIMMER PROPERLY

Store trimmer indoors in a high, dry, locked-up place, out of reach of children.

Put John Deere Gasoline Storage Stabilizer (TY6295) or its equivalent in fuel tank.

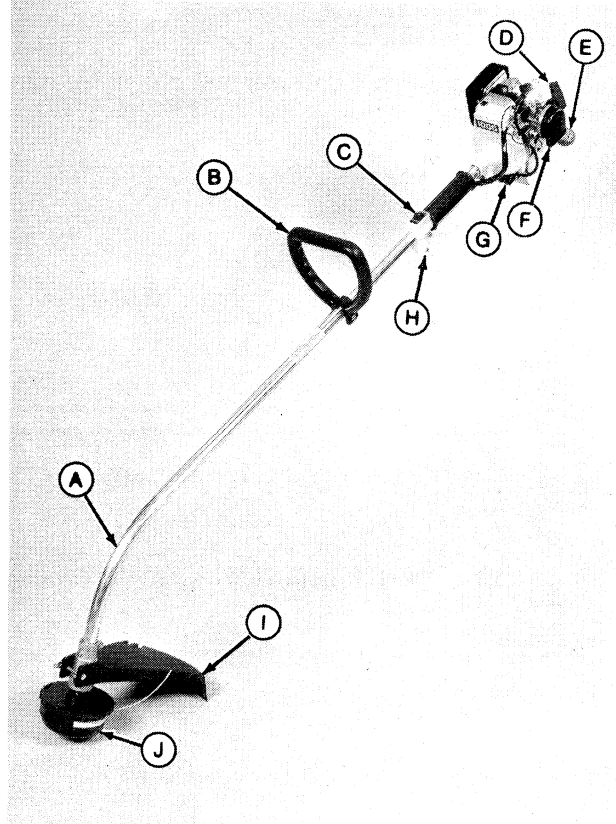
Do not store trimmer in an enclosure where fuel fumes may accumulate or reach an open flame or spark.



TY8427/4SA/G/160982

Identification

- A - Drive Shaft Housing
- B - Handle
- C - Engine Stop Switch
- D - Recoil Starter Handle
- E - Fuel Tank
- F - Air Cleaner
- G - Ignition Coil
- H - Throttle Trigger
- I - Shield
- J - Cutting Head



John Deere 100G Gasoline Trimmer/Edger Illustrated

TY10194/4ID/A/160982

Assemble the Trimmer

UNPACK TRIMMER

Remove trimmer from cartons and check for damaged components.

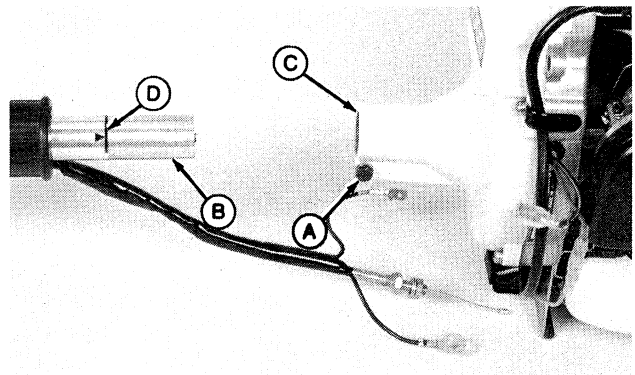
4AS/A/160982

INSTALL DRIVE SHAFT HOUSING

1. Loosen screw (A).
2. Insert drive shaft housing (B) into clutch housing (C) to indicator line (D).
3. Position cutting head to desired angle and securely tighten screw (A).

A - Clutch Housing Screw
B - Drive Shaft Housing

C - Clutch Housing
D - Indicator Line



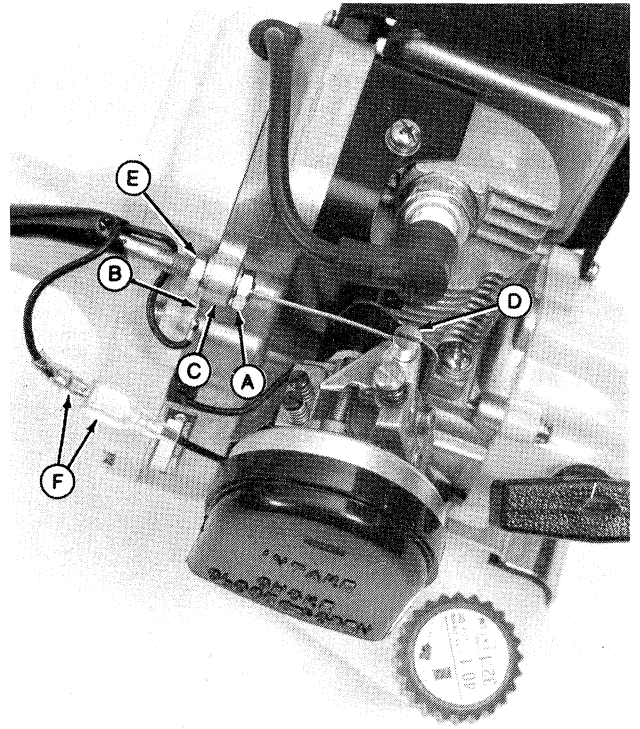
TY10195/4AS/B/160982

ATTACH THROTTLE LINKAGE

1. Remove nut (A) and one washer on end of throttle cable.
2. Thread throttle linkage through ignition switch wire (B) and hole (C) in crankcase.
3. Replace nut (A) and washer onto end of throttle cable. Do not tighten.
4. Place throttle cable end into throttle lever swivel (D) making certain head of inner cable end fits into socket of swivel.
5. Adjust nuts (A, E) to maintain slight tension on inner cable but still allow engine to idle.
6. Squeeze throttle trigger to make certain throttle swivel (D) is in full throttle position.
7. Securely tighten nuts (A, E).
8. Connect stop switch lead (F).

A - Throttle Cable Nut
B - Ignition Switch Wire
C - Mounting Hole

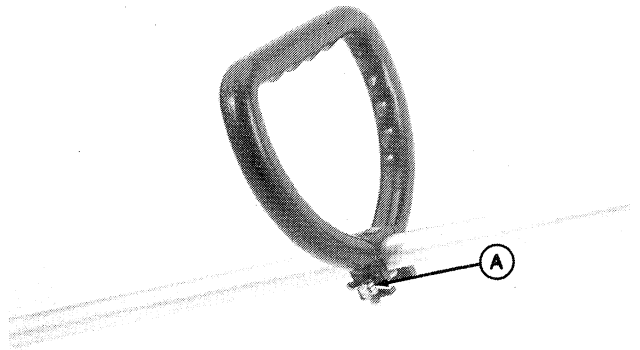
D - Throttle Lever Swivel
E - Throttle Cable Nut
F - Stop Switch Lead



TY8398/4AS/C/160982

INSTALL HANDLE

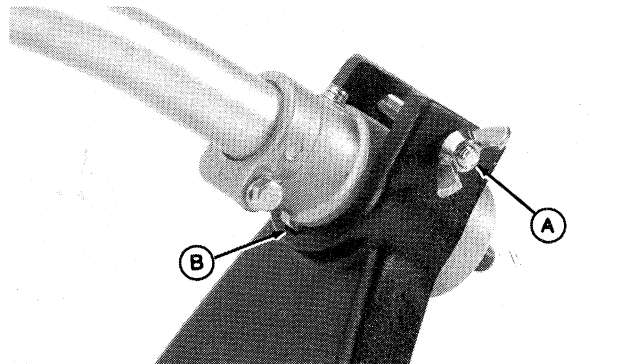
1. Remove wing nut and bolt (A) from handle.
2. Push handle over drive shaft housing. Position handle approximately 150 to 200 mm (6 to 8 in.) from grip.
3. Secure handle with bolt and wing nut (A).



TY8399/4AS/D/160982

INSTALL SHIELD

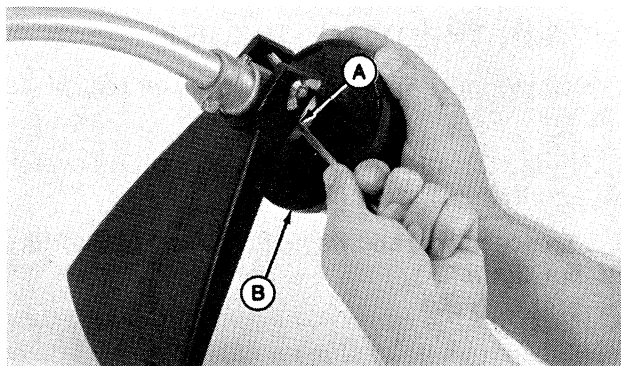
1. Remove wing nut and bolt (A) from shield.
2. Push shield over the lower housing making sure that lower housing fits into notch in shield (B).
3. Secure shield with bolt and wing nut (A).



TY8400/4AS/E/160982

INSTALL CUTTING HEAD

1. Line up hole in arbor washer with hole in gear housing.
2. Place tool (A) in holes.
3. Screw cutting head (B) onto gear housing shaft by turning counterclockwise until tight.
4. Extend cutting line to proper length. See “ADJUST CUTTING LINE”.



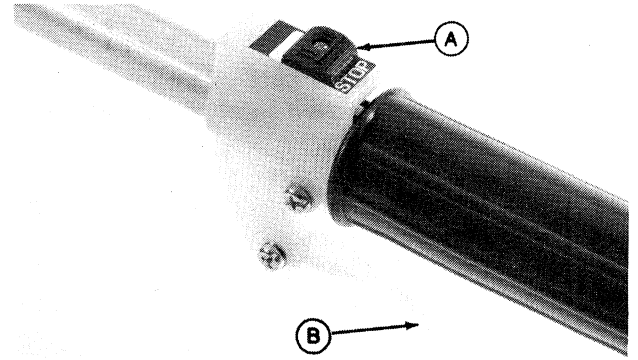
TY8401/4AS/F/160982

Controls

ENGINE SWITCH AND THROTTLE TRIGGER

Move engine switch (A) to “ON” position before starting engine and move to “STOP” position to stop engine.

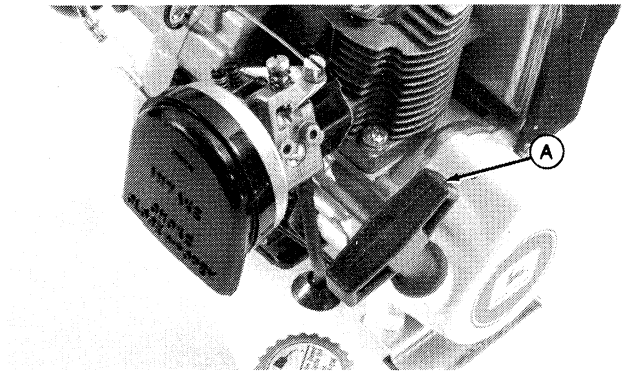
The throttle trigger (B) is located on the drive shaft. When the throttle is released, it will return to idle position.



TY8402/4CT/A/160982

RECOIL STARTER HANDLE

Using starter handle (A), pull starter rope only 1/2 to 2/3 of the way out. Do not jerk the starter handle. Do not release the starter handle and let it snap back.



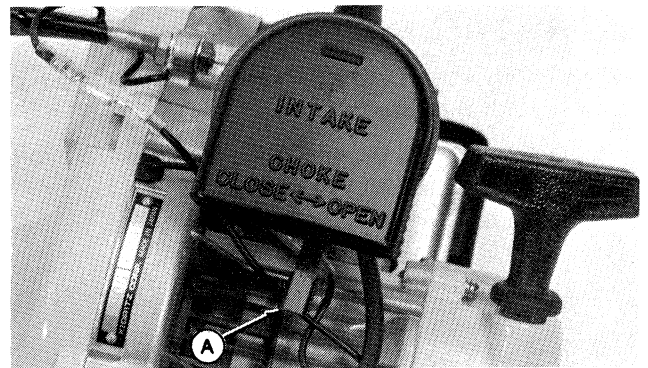
TY8403/4CT/B/160982

CHOKE CONTROL

Move choke lever (A) to “close” position (full choke) for starting.

Use middle position (half choke) while engine is warming up.

Move choke lever (A) to “open” position (no choke) for operating.



TY8404/4CT/C/160982

Prepare the Trimmer

FUEL PRECAUTIONS



CAUTION: Follow safe mixing procedures.

- Use an approved safety container for storage and refueling.
- Mix fuel outdoors.
- Move trimmer away from fueling area before starting engine.
- Do not smoke.
- Avoid spilling fuel. Wipe up any spills.

Use regular gasoline. Do not use ethyl, low-lead, or unleaded gasoline.

4PR/A/160982

MIXING FUEL (32:1)

When using oil meeting BIA certification for TC-W service, use a 32:1 ratio fuel-oil mixture.

FUEL MIX CHART (32:1 Mixture)

U.S.		IMPERIAL		S.I. (Metric)	
Gas	Oil To Be Added	Gas	Oil To Be Added	Petrol	Oil To Be Added
1 gal.	4. oz.	1 gal.	5 oz.	4 L	125 cc
2 gal.	8 oz.	2 gal.	10 oz.	8 L	250 cc
2-1/2 gal.	10 oz.	2-1/2 gal.	12.5 oz.	10 L	313 cc
3 gal.	12 oz.	3 gal.	15 oz.	12 L	375 cc
4 gal.	16 oz.	4 gal.	20 oz.	16 L	500 cc
5 gal.	20 oz.	5 gal.	25 oz.	20 L	625 cc
6 gal.	24 oz.	6 gal.	30 oz.	24 L	750 cc

TY6697/4PR/B/160982

MIXING FUEL (40:1)

When using John Deere 2-Cycle Engine Oil, use a 40:1 ratio fuel-oil mixture.

John Deere 2-Cycle Engine Oil is available in two sizes:

TY6243 8 oz. (0.237 L) Container

TY6244 16 oz. (0.473 L) Container

FUEL MIX CHART (40:1 Mixture)

U.S.		IMPERIAL		S.I. (Metric)	
Gas	Oil To Be Added	Gas	Oil To Be Added	Petrol	Oil To Be Added
1 gal.	3.2 oz.	1 gal.	4 oz.	4 L	100 cc
2 gal.	6.4 oz.	2 gal.	8 oz.	8 L	200 cc
2-1/2 gal.	8 oz.	2-1/2 gal.	10 oz.	10 L	250 cc
3 gal.	9.6 oz.	3 gal.	12 oz.	12 L	300 cc
4 gal.	12.8 oz.	4 gal.	16 oz.	16 L	400 cc
5 gal.	16 oz.	5 gal.	20 oz.	20 L	500 cc
6 gal.	19.2 oz.	6 gal.	24 oz.	24 L	600 cc

TY6698/4PR/C/160982

MIX FUEL THOROUGHLY

IMPORTANT: Mix gasoline and oil thoroughly. Never use gasoline that has been stored for a long time.

1. Fill mixing container half full with gasoline.
2. Pour in all the oil.
3. Shake mixture vigorously.
4. Pour in remaining gasoline.
5. Shake mixture vigorously.

4PR/D/160982

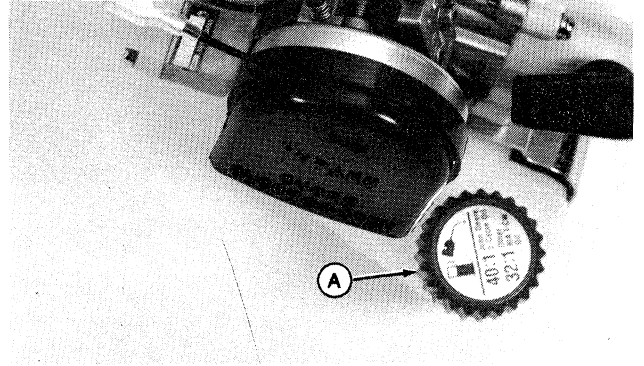
FILL FUEL TANK



CAUTION: Follow safe refueling procedures.

- Shut off engine and allow it to cool before refueling.
- Fuel trimmer outdoors.
- Do not smoke.
- Avoid spilling fuel. Do not overfill trimmer.
- Wipe trimmer clean after refueling.
- Do not fill fuel tank more than 3/4 full.

Remove cap (A) and fill tank.



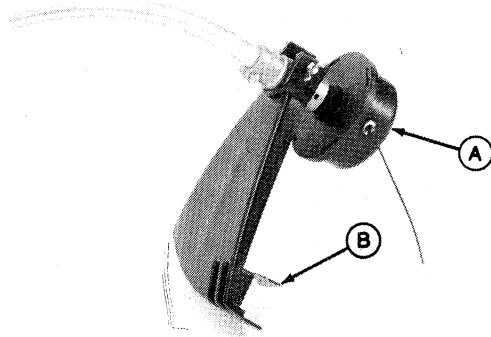
TY8421/4PR/E/160982

ADJUST CUTTING LINE

Adjust length of cutting line by tapping bottom of cutting head (A) on the ground at normal operating speed. Excess line will be cut off by the cutting knife (B).

When bottom of cutting head (A) is depressed, the cutting spool will automatically extend approximately 25.4 mm (1 in.) of cutting line.

Length of cutting line should be 127 mm (5 in.) for the 100G and 178 mm (7 in.) for the 200G.

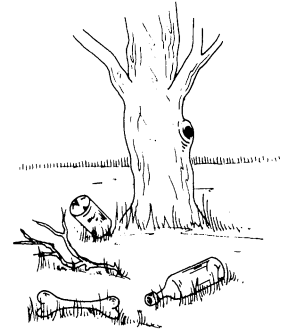


TY8405/4PR/F/160982

INSPECT CUTTING AREA

Remove all debris (string, wire or cords) which might clog cutting head.

Remove objects (bottles, cans or sticks) that might be thrown by trimmer.



TY3617

TY3617/4PR/G/160982

START COLD ENGINE



CAUTION: Never operate trimmer in an unventilated room.

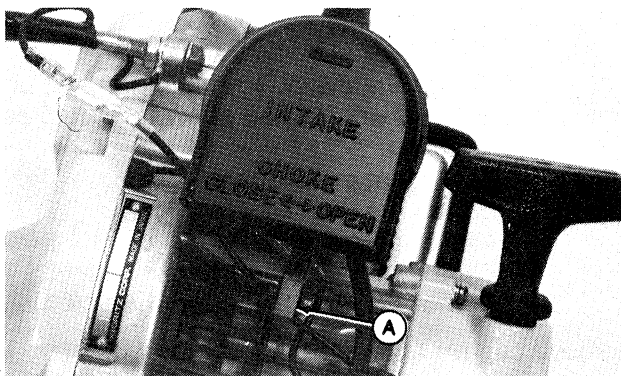
1. Lay trimmer on flat, clear area of ground supported by the guard.

Do not attempt to start trimmer in tall grass or brush.

4PR/H/160982

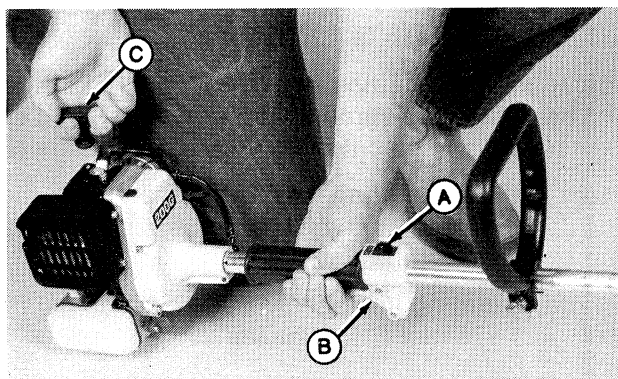
Prepare the Trimmer

2. Move choke lever (A) to "close" position.



TY8422/4PR/I/160982

3. Move switch (A) to "ON" position.
4. Squeeze throttle trigger (B) to half throttle.
5. Pull starter handle (C) several times until engine has first firing sound.
6. Move choke lever to "open" position.
7. Pull starter handle until engine starts.
8. Warm up engine for 2 to 3 minutes at fast idle before cutting.



TY10196/4PR/J/160982

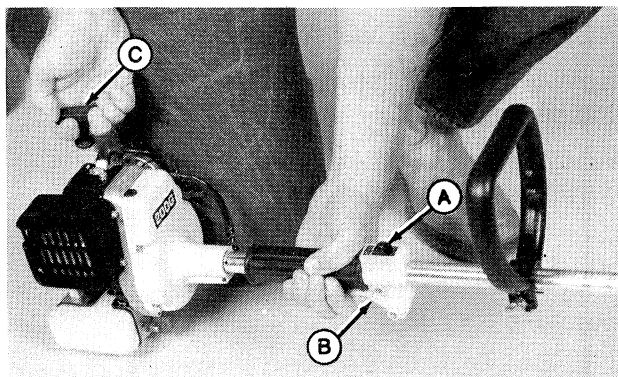
START WARM ENGINE



CAUTION: Never operate trimmer in an unventilated room.

1. Move switch (A) to "ON" position.
2. Keep throttle trigger (B) at idle position and choke lever in "open" position (no choke).
3. Pull starter handle (C).

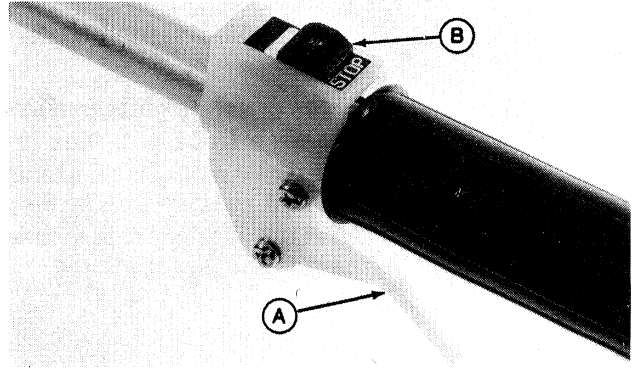
NOTE: If engine does not start, follow "STARTING COLD ENGINE" procedure.



TY10196/4PR/K/160982

STOP ENGINE

1. Release throttle trigger (A) and allow engine to idle momentarily.
2. Move switch (B) to "STOP" position.



TY8423/4PR/L/160982

Operate the Trimmer



CAUTION: DO NOT operate trimmer without shield.

Wear safety goggles or safety glasses when cutting. Examine the area to be cut. Pick up and dispose of any debris — wire, glass, stone, etc. Keep all persons and pets at a safe distance from work area. Cut to your right side so the trimmer will sling particles away from you.

4OP/A/160982

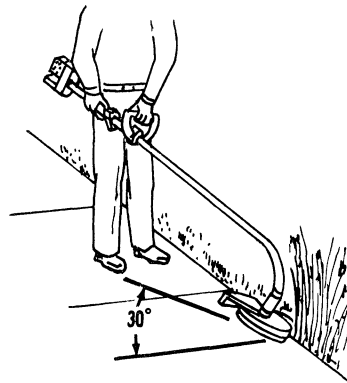
TRIMMING

Always trim to the right side of the operator to keep trimmings from being thrown back toward the operator.

Tilt trimmer approximately 30 degrees to the left for trimming along walks, driveways, curbs and most other trimming.

Don't sharpen the line by cutting off frayed ends. A line with frayed ends will protect delicate bark.

Start slowly and work up to the tree and bush easily.



TY8429/TY8430/4OP/B/160982

MOWING

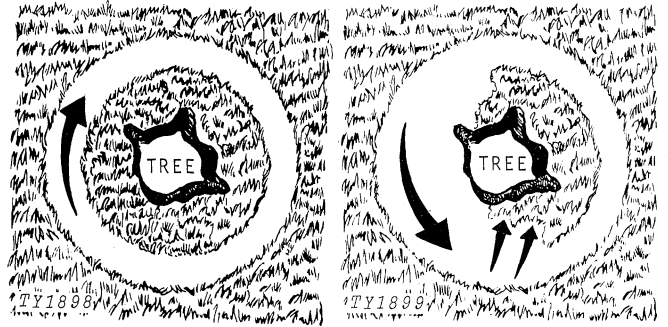
Pass the trimmer over the area to be cut, keeping the cutting head parallel to the ground.



TY8431/4OP/C/160982

SCALPING

1. Scalp around the tree to the right side, forcing the cutting line into the ground with a 30 degree tilt.
2. After scalping outside perimeter of the circle, scalp the inside of the circle working in the opposite direction, flush to the tree.



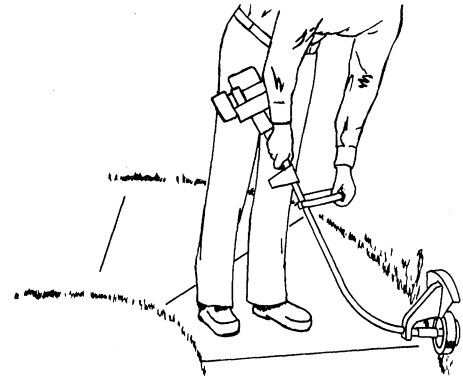
TY1898/TY1899/4OP/D/160982

EDGING



CAUTION: NEVER EDGE WITHOUT WEARING SAFETY GOGGLES. Due to the position of the operator and the operating position of the trimmer, it is extremely important to wear safety goggles when edging.

Adjust handle and hold the cutting head at a 90 degree angle (perpendicular) to area to be edged. Unit will operate in a upside-down position.



TY8428/4OP/E/160982

Lubrication

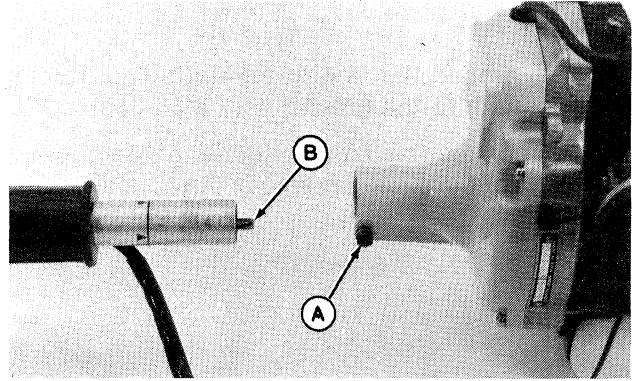
LUBRICATE DRIVE SHAFT

The flexible drive shaft should be lubricated and reversed end-for-end every 10 hours of operation or at the beginning of each season.

1. Loosen screw (A) and remove drive shaft housing from clutch housing.
2. Apply a thin coat of John Deere PT507 Multi-Purpose Grease or its equivalent to entire length of drive shaft.
3. Slide flexible drive shaft (B) into housing. Push on shaft and turn cutting head. The flexible shaft will turn if properly engaged on the cutting head end.
4. Insert drive shaft housing in clutch housing and turn cutting head until drive shaft engages clutch.

IMPORTANT: Do not force drive shaft housing into clutch housing.

5. Tighten screw (A).



TY8420/4LU/A/160982

Trouble Shooting

Symptom	Problem	Correction	Page
Engine Does Not Crank	Crankshaft Bearing Damaged	See Your John Deere Dealer	—
	Piston Seized	See Your John Deere Dealer	—
	Crankshaft Worn	See Your John Deere Dealer	—
	Recoil Starter Handle Damaged	See Your John Deere Dealer	—
Engine Does Not Start	Switch Is In "OFF" Position	Move Switch to "ON" Position	12
	Fuel Tank Empty	Fill Fuel Tank	11
	Improper Starting Procedure	Follow Correct Procedure	11
	Dirty Fuel Filter	Clean Fuel Filter	20
	Incorrect Carburetor Adjustments	Adjust Carburetor	22
	Engine Flooded	Clean and Regap Spark Plug	21
	Spark Plug Insulator Cracked	Replace Spark Plug	21
	Defective Spark Plug Wire	See Your John Deere Dealer	—
	Spark Plug Fouled	Clean or Replace Spark Plug	21
Engine Dies or Accelerates Poorly	Air Filter Dirty	Clean Air Filter	20
	Fuel Tank Empty	Fill Fuel Tank	11
	Fuel Filter Dirty	Clean Fuel Filter	20
	Fuel Tank Cap Vent Plugged	Clean Fuel Tank Cap Vent	22
	Spark Plug Fouled	Clean or Replace Spark Plug	21
	Incorrect Carburetor Adjustments	Adjust Carburetor	22
	Improper Fuel Mixture	Use Correct Fuel/Oil Mix	10
	Cylinder Fins Clogged with Debris	Clean Cylinder Fins	21
	Exhaust Port Clogged with Carbon	Clean Exhaust Port	21
Trimmer Does Not Trim Properly	Cutting Head Does Not Rotate	See Your John Deere Dealer	—
	Cutting Line Shortened or Worn	Adjust Cutting Line Length	11

Service

SERVICE INTERVAL CHART

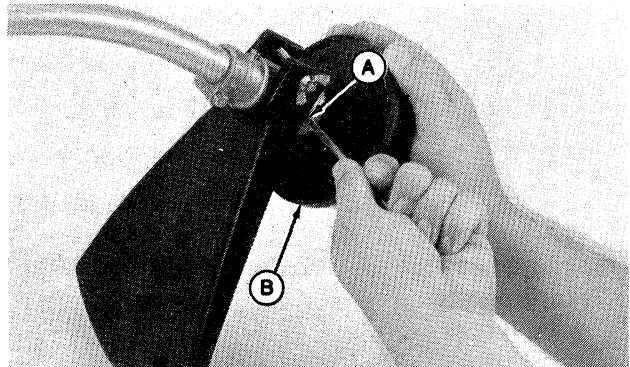
Service	Interval				Page
	10 Hours	25 Hours	50 Hours	*	
Lubricate and Reverse Drive Shaft	X				16
Clean Air Filter		X			20
Check Spark Plug Gap		X			21
Clean Fuel Filter		X			20
Clean Cylinder Fins			X		21
Adjust Carburetor				X	22
Cutting Head				X	18
Clean Fuel Tank Cap Vent		X			22

*As Required

4SE/A/160982

REPLACE NYLON LINE CUTTING HEAD

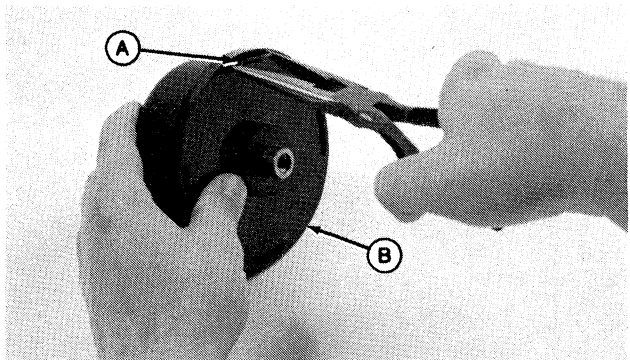
1. Using tool (A) line up hole in arbor washer with hole in gear housing.
2. Remove nylon cutting head (B) from gear housing shaft by turning clockwise.
3. Install new head in reverse procedure.



TY8401/4SE/B/160982

INSTALL REWOUND SPOOL

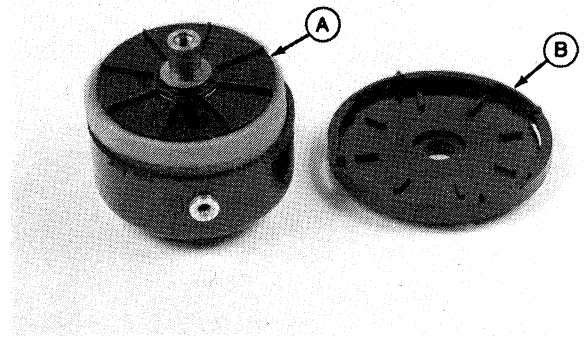
1. Remove cutting head from gear housing.
2. Remove cotter pin (A) from top of cutting head.
3. Turn top plate (B) counterclockwise and remove.



TY8407/4SE/C/160982

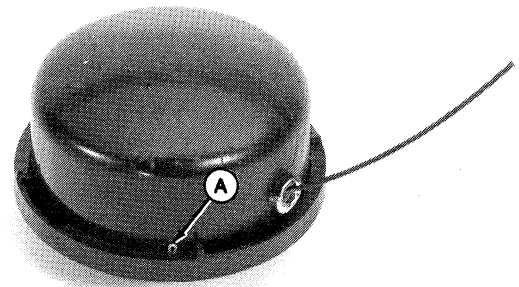
4. Remove spool (A) from drum cover. See “REWIND SPOOL”.

5. Replace spool and secure top plate (B) by pushing down and turning clockwise.



TY8408/4SE/D/160982

6. Install new cotter pin (A).



TY8409/4SE/E/160982

REWIND SPOOL

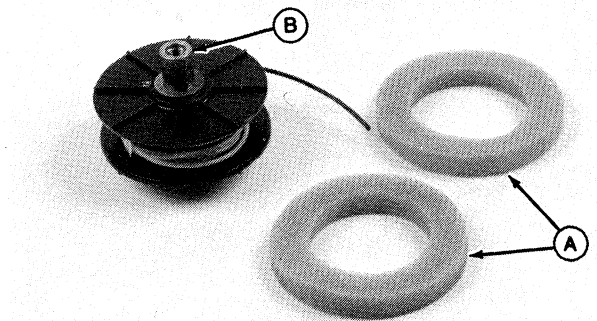
To rewind spool with new line, use approximately 13.72 m (45 ft.) of 2.03 mm (0.080 in.) diameter line.

1. Remove spool. See “INSTALL REWOUND SPOOL”.

2. Remove sponge rings (A) from spool.

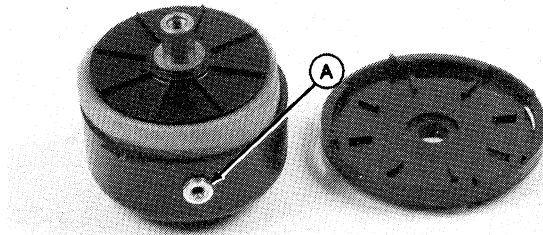
3. With hub (B) facing up, tape one end of line to spool and wind line clockwise around spool.

4. Place sponge rings (A) around spool and expose approximately 210 mm (6 in.) of line between the two rings.



TY8410/4SE/F/160982

5. Feed line through line guide (A).
6. Reassemble cutting head. See "INSTALL REWOUND SPOOL".

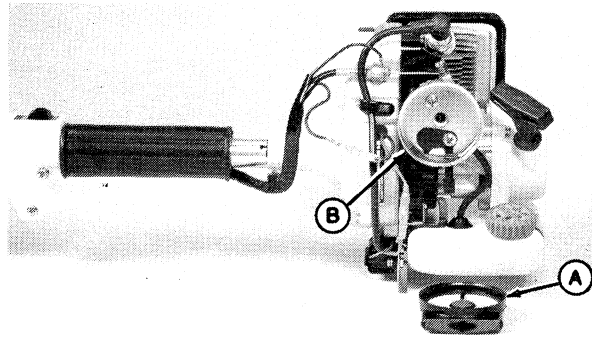


TY8424/4SE/G/160982

CLEAN AIR FILTER

Clean engine air filter every 25 hours of operation, or more often when operating in dusty conditions.

1. Remove air cleaner element by pulling off cover (A) from air cleaner body (B).
2. Lightly brush off heavy dust and wash element in a non-flammable solvent. Allow element to dry completely before reinstalling.
3. Clean area around air cleaner body (B).
4. Reassemble cover (A).



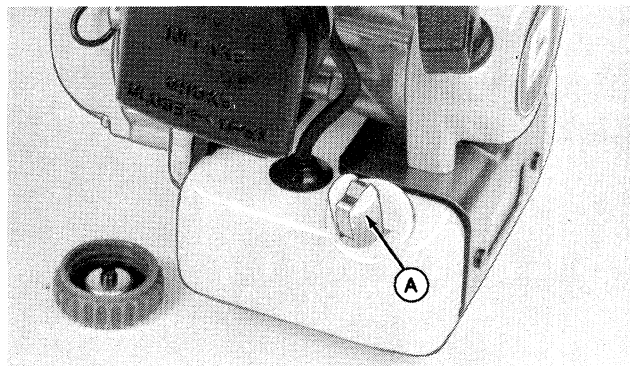
TY10197/4SE/H/160982

CLEAN FUEL FILTER

Clean fuel filter every 25 hours of operation.

1. Remove fuel tank cap and lift fuel filter (A) from tank using a piece of wire.
2. Disassemble and wash filter in a non-flammable solvent. Allow element to dry completely before reinstalling.

IMPORTANT: Make certain filter is on bottom of tank.



TY7351/4SE/I/160982

CLEAN AND GAP SPARK PLUG

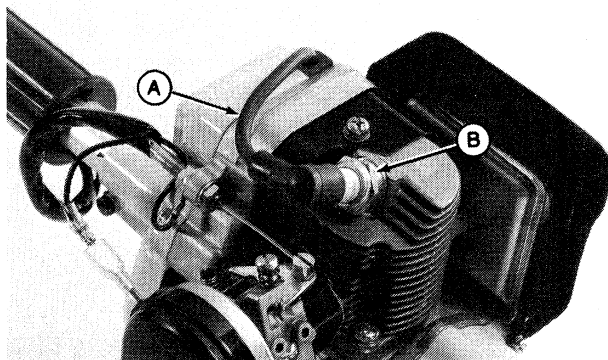
Every 25 hours of operation clean and gap the spark plug to 0.635 mm (0.025 inch).

1. Detach wire (A) and remove spark plug (B).
2. Remove carbon build-up from spark plug.
3. Set gap to 0.635 mm (0.025 inch).
4. Inspect porcelain area of plug for cracks. Replace if cracks are found.
5. Insert wire (A) onto spark plug (B).
6. Ground plug against bare engine metal.



CAUTION: Do not test for spark around spilled gasoline or in an area where flammable vapors are present.

7. When grounded against bare metal, the plug should produce a hot, blue spark while starter rope is being pulled.
8. Reinstall spark plug and torque to 14 to 15 N·m (125 to 135 lb-in).



TY8425/M21329/4SE/J/160982

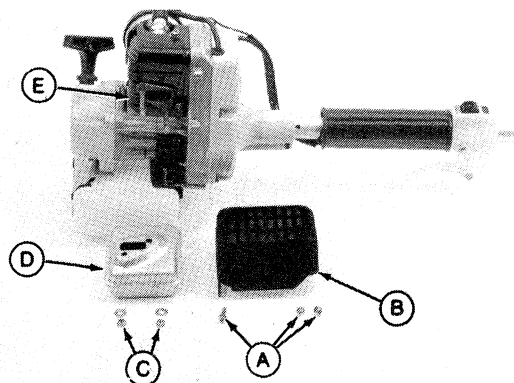
CLEAN MUFFLER AND EXHAUST PORT

1. Remove screws (A) and muffler cover (B).
2. Remove nuts and washers (C) and muffler body (D).
3. Clean cylinder fins (E) of debris.
4. Clean muffler body (D) with a wire brush.
5. Clean carbon deposits from cylinder exhaust port with a wood stick.

IMPORTANT: Do not use a metal tool. Be careful not to damage piston or cylinder.

6. Reinstall muffler body and cover.

- A - Muffler Cover Screws
- B - Muffler Cover
- C - Nuts and Washers
- D - Muffler Body
- E - Cylinder Fins



TY8412/4SE/K/160982

ADJUST CARBURETOR

NOTE: The carburetor has been preset at the factory and should not be adjusted unless absolutely necessary. The adjustment of one of the three carburetor adjusting screws will affect the other two. It will be necessary to readjust each until satisfactory performance is achieved.

1. Turn low speed screw (A) clockwise until lightly seated then back screw out one turn.
2. Turn high speed screw (B) clockwise until lightly seated then back out 1-1/4 turns.

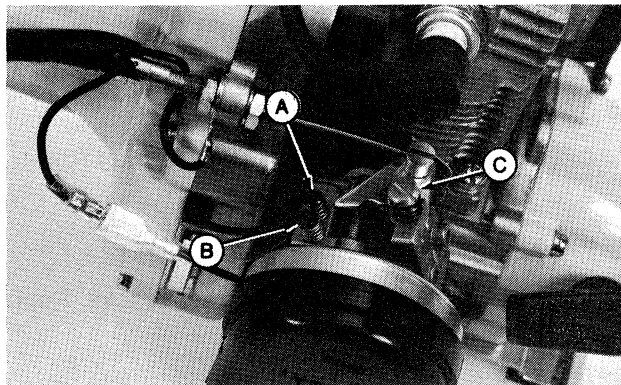
IMPORTANT: Before starting engine to adjust carburetor, make certain cutting head is installed and nylon line has the proper cutting length.

3. Start engine and warm it up for 2 to 3 minutes.
4. Turn idle speed screw (C) clockwise until cutting head begins to turn, then back screw out 1/2 turn.
5. Adjust low speed screw (A) to obtain maximum consistent idle and smooth acceleration.
6. Readjust idle screw (C).
7. Adjust high speed screw (B) until you hear a very slight four-cycling sound at full throttle under no load.



CAUTION: Keep engine idle speed adjusted so that cutting head stops when throttle is released.

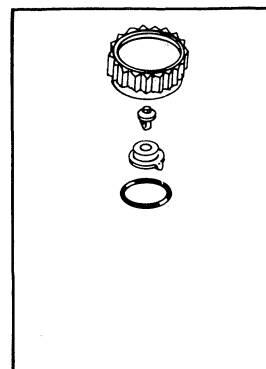
IMPORTANT: To prevent serious engine damage due to lack of lubrication, maintain correct carburetor adjustment. Never operate engine with a lean carburetor adjustment.



TY8426/4SE/L/160982

CLEAN FUEL TANK VENT CAP

Disassemble and wash cap vent components in safe solvent.



TY6733/4SE/M/160982

Store the Trimmer

STORAGE PRECAUTION



CAUTION: Store trimmer indoors in a high, dry, locked-up place, out of reach of children.

Do not store trimmer in an enclosure where fuel fumes may accumulate or reach an open flame or spark.

4ST/A/160982

SHORT TIME-BETWEEN CUTTING JOBS

Clean the exterior of the trimmer with a damp cloth. Remove all accumulations of dirt and cuttings. If periodic lubrication and service are required, now is the time to perform those services to keep your trimmer ready for the next job.

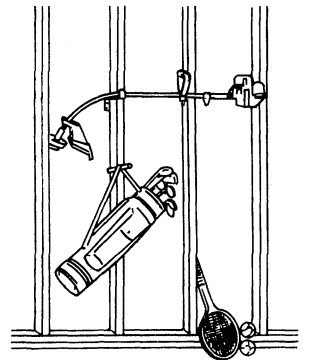
4ST/B/160982

LONG TIME-BETWEEN CUTTING SEASONS

IMPORTANT: Use John Deere Gasoline Storage Stabilizer (TY6295) or its equivalent in the fuel tank. See your John Deere dealer. A gasoline storage stabilizer should always be used when storing trimmer to prevent carburetor varnishing and partial plugging of carburetor jets. Either of these conditions could cause the engine to run lean and result in piston seizure and engine failure.

Put John Deere Gasoline Storage Stabilizer (TY6295) or its equivalent in fuel tank. Follow directions on can.

Clean the exterior of the trimmer with a damp cloth. Remove all accumulations of dirt and cuttings. If periodic lubrication and service are required, now is the time to perform these services to get your trimmer ready for the next season.

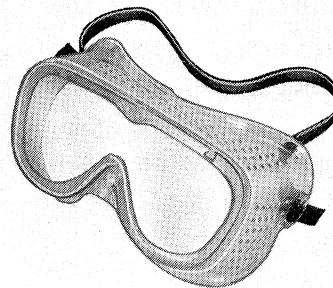


TY8427/4ST/C/160982

Accessories

TY3099 SAFETY GOGGLES

Wear safety goggles when operating trimmer.

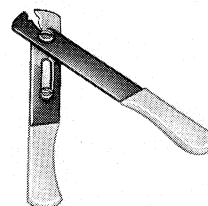


TY1903NY

TY1903/4AC/A/160982

TY3098 LINE CLIPPERS

Trim new and frayed line to recommended length with line clippers.



TY1904NY

TY1904/4AC/B/160982

TY9159 BULK CUTTING LINE

The box contains approximately 122 m (400 ft.) of 2.03 mm (0.080 inch) diameter cutting line.

For instructions see "REWIND SPOOL".

4AC/C/160982

Specifications

	100G	200G
Engine.....	2-cycle, air cooled	2-cycle, air cooled
Displacement.....	16 cm ³ (0.97 cu. in.)	21.2 cm ³ (1.29 cu. in.)
Ignition.....	Flywheel magneto capacitor discharge.	Flywheel magneto capacitor discharge with electronic speed governor.
Lubrication.....	Positive mist type (fuel-oil mix)	Positive mist type (fuel-oil mix)
Carburetor.....	Diaphragm pump	Diaphragm pump
Fuel tank.....	Polyethylene tank with approximately 0.25 L (0.27 qt.) capacity	Polyethylene tank with approximately 0.5 L (0.53 qt.) capacity
Starter.....	Auto-rewind	Auto-rewind
Idle speed.....	2500 to 3000 rpm	2500 to 3000 rpm
Clutch engagement speed.....	3300 to 3800 rpm	3300 to 3800 rpm
Operation speed.....	5000 to 8000 rpm	5000 to 8000 rpm
Fuel.....	Use Regular gasoline. When using John Deere 2-Cycle Engine Oil, use a 40:1 ratio of fuel-oil mixture. See page 10. When using oil meeting BIA certification for TC-W Service, use a 32:1 ratio of fuel-oil mixture. See page 10.	Use Regular gasoline. When using John Deere 2-Cycle Engine Oil, use a 40:1 ratio of fuel-oil mixture. See page 10. When using oil meeting BIA certification for TC-W Service, use a 32:1 ratio of fuel-oil mixture. See page 10.
Spark plug.....	John Deere AM54450	John Deere AM54450
Spark plug gap.....	0.635 mm (0.025 in.)	0.635 mm (0.025 in.)
Spark plug torque.....	14 to 15 N·m (125 to 135 lb-in)	14 to 15 N·m (125 to 135 lb-in)
Clutch.....	Automatic centrifugal type	Automatic centrifugal type
Driveshaft.....	Flexible	Flexible
Driveshaft housing.....	Aluminum	Aluminum
Handle Type.....	Loop	Loop
Cutting parts.....	Approximately 13.72 m (45 ft.) of specially treated, nylon monofilament line 2.03 mm (0.080 in.) diameter	Approximately 13.72 m (45 ft.) of specially treated, nylon monofilament line 2.03 mm (0.080 in.) diameter
Length.....	1470 mm (57.9 in.)	1475 mm (58 in.)
Height.....	370 mm (14.6 in.)	370 mm (14.6 in.)
Width.....	171 mm (6.7 in.)	192 mm (7.6 in.)
Weight.....	4.8 kg (10.6 lbs.)	5.0 kg (11 lbs.)

(Specifications and design subject to change without notice.)

JOHN DEERE SERVICE LITERATURE AVAILABLE...

To order these publications fill out this form and the payment information and mail it to the address above. Make checks payable to Deere & Co. Service Publications. Please allow three weeks for delivery. No COD orders, please. Do not send cash or stamps. To place credit card orders, call **1-800-522-7448**. If you want manuals or catalogs for equipment not shown on this list, provide the model number, serial number, and name of the product.

For current prices of John Deere Service Literature, please call 1-800-522-7448

John Deere Distribution Service Center
Department S/P
P.O. Box 186, Moline, IL 61266-0186

Please send to...

Name _____

Address _____

Town _____

State _____ Zip _____

Title	Order No.	Qty.	Price Each
Parts Catalog 100G, 200G, 250G, 350G and 450G Trimmers	PC-1911		
Operator's Manual 100G and 200G Gasoline Trimmer/Edger	OM-TY20672		
Technical Manual 100G and 200G Gasoline Trimmer/Edger	TM-1294		

NOTE: If you want manuals or catalogs for equipment not shown on this list, list the model number, serial number and name of the equipment below.

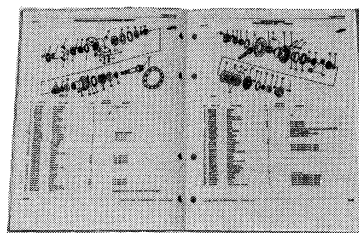
FOS COMPACT EQUIPMENT MANUALS

FCP-80101B	Engines	
FCP-83101B	Electrical Systems	
FCP-82101B	Hydraulics	
FCP-81101B	Power Trains	

Illinois State Residents add 6% for ROT ☐

Check or money order in U.S. dollars enclosed . . . Total _____
(Do not send cash or stamps)

PARTS CATALOG



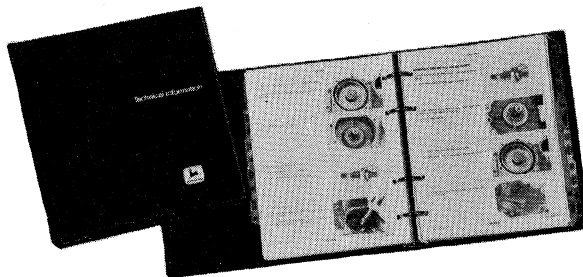
A parts catalog containing exploded view illustrations and lists of all parts is useful when purchasing service parts. Helps identify the correct parts. Useful in assembling and disassembling.

OPERATOR'S MANUAL



An extra copy of the operator's manual may be important if the copy furnished with your machine is misplaced.

SERVICE OR TECHNICAL MANUAL



The service or technical manual is a service guide for your machine. Included in the manual are specifications, diagnosis and adjustments, illustrations of special assembly and disassembly procedures, and wiring diagrams.

FOS MANUALS ON COMPACT EQUIPMENT



John Deere has made these new books available so you can read and learn the basics of how to service and repair most types of compact tractors and small engine-powered equipment. The fundamentals of how those systems work are shown clearly with hundreds of color illustrations. You can learn about operating principles of engines, electrical systems, power trains, or hydraulic systems. No brands or model numbers are mentioned; only generic principles are covered.

Service to keep you on the job

We, at your John Deere dealer's, pride ourselves in having what it takes to help keep you on the job...

John Deere Parts.

We help minimize downtime by putting the right parts in your hands in a hurry. That's why we maintain a large and varied inventory—to stay a jump ahead of your needs.



The right tools.

Precision tools and testing equipment enable our Service Department to locate and correct troubles quickly... to save you time and money.



Well-trained technicians.

School is never out for John Deere service technicians. Training schools are held regularly to be sure our personnel know your equipment and how to maintain it. Result? Experience you can count on!



Prompt service.

Our goal is to provide prompt, efficient care when you want it and where you want it. We can make repairs at your place or at ours, depending on the circumstances. See us. Depend on us.



John Deere Service Superiority: We'll be around when you need us

