

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Murray](#) /
- › [Murray EQ2-500 2nd Gen Self-Propelled Petrol Lawn Mower User Manual](#)

Murray EQ2-500

Murray EQ2-500 2nd Gen Self-Propelled Petrol Lawn Mower User Manual

Model: EQ2-500 | Brand: Murray

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Murray EQ2-500 2nd Gen Self-Propelled Petrol Lawn Mower. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The Murray EQ2-500 is a versatile 4-in-1 lawn mower designed for small to medium-sized lawns, featuring a durable 46 cm (18 inch) steel cutting deck and powered by a reliable Briggs & Stratton 500E Series engine.

SAFETY INFORMATION

Always prioritize safety when operating any power equipment. Failure to follow safety instructions can result in serious injury or death.

- **Read the Manual:** Familiarize yourself with all controls and proper use of the equipment.
- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection, hearing protection, sturdy footwear, and long pants.
- **Clear the Area:** Before starting, clear the mowing area of any objects that could be thrown by the blade (e.g., rocks, sticks, toys).
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance (at least 15 meters / 50 feet) from the mowing area.
- **Fuel Handling:** Handle fuel with extreme care. It is highly flammable. Refuel outdoors, away from sparks or open flames, and allow the engine to cool before refueling.
- **Slope Operation:** Exercise extreme caution when mowing on slopes. Mow across the face of slopes, never up and down. Avoid excessively steep slopes.
- **Blade Safety:** Never place hands or feet near rotating parts. Disconnect the spark plug wire before performing any maintenance or clearing blockages.
- **Engine Shutdown:** Always stop the engine and wait for the blade to stop completely before leaving the operating position, clearing the grass catcher, or making adjustments.
- **Maintenance:** Perform regular maintenance as described in this manual. Use only genuine replacement parts.

SETUP AND ASSEMBLY

Your lawn mower requires some assembly and initial preparation before its first use.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage or missing parts.
2. **Handlebar Assembly:**
Attach the lower and upper handlebar sections. The ergonomic handle can be easily folded for storage. Ensure all bolts and knobs are securely tightened.



Image: Handlebar and control levers. This image shows the ergonomic design of the handlebar and the placement of the control levers for operation.

3. **Grass Catcher Assembly:** Assemble the 50-liter soft grass bag according to the instructions provided with the bag. Attach it securely to the rear of the mower.
4. **Add Engine Oil:**
The engine is shipped without oil. Before starting, add **0.47 liters of SAE30 4-stroke engine oil** to the engine crankcase. Do not overfill. Refer to the engine manual for specific oil type and capacity if different.



Briggs & Stratton 500E Series engine 140 cc, gross torque: 7,3 Nm

Image: Briggs & Stratton 500E Series engine. This close-up shows the engine, where oil and fuel are added.

5. **Add Fuel:** Fill the fuel tank with fresh, unleaded petrol. Do not use E85 or other ethanol blends higher than E10. Do not overfill.

OPERATING INSTRUCTIONS

Starting the Engine

1. Ensure the spark plug wire is securely connected.
2. Push the primer bulb 3-5 times (if equipped).
3. Hold the engine brake lever against the handle.
4. Pull the starter rope with a smooth, continuous motion until the engine starts.

Adjusting Cutting Height

The Murray EQ2-500 features a 6-step central cutting height adjustment, ranging from 25 mm to 75 mm.

1. Ensure the engine is off and the blade has stopped.

2. Locate the height adjustment lever near the wheels.
3. Pull the lever outwards and move it to the desired height setting. Ensure all wheels are at the same height setting.



6-step central cutting height adjustment from 25 to 75 mm

Image: Cutting height adjustment lever. This image highlights the lever used to easily change the mowing height.

4-in-1 Mowing Functions

Your Murray EQ2-500 offers four versatile mowing options:

- **Collecting (Bagging):** For a clean finish, attach the 50-liter grass catcher. The grass bag includes a dust protection feature and a fill level indicator.
- **Mulching:** For returning fine grass clippings to the lawn as natural fertilizer, install the mulching plug (if included).
- **Rear Discharge:** For situations where collecting is not necessary, remove the grass catcher and allow clippings to discharge from the rear.
- **Side Discharge:** For cutting taller grass or when a wide spread of clippings is preferred, attach the side discharge chute.



4-in-1: Rear Discharge / Collecting / Mulching / Side Discharge

Image: 4-in-1 Mowing Functions. This visual explains the different ways the mower can handle grass clippings.

Stopping the Engine

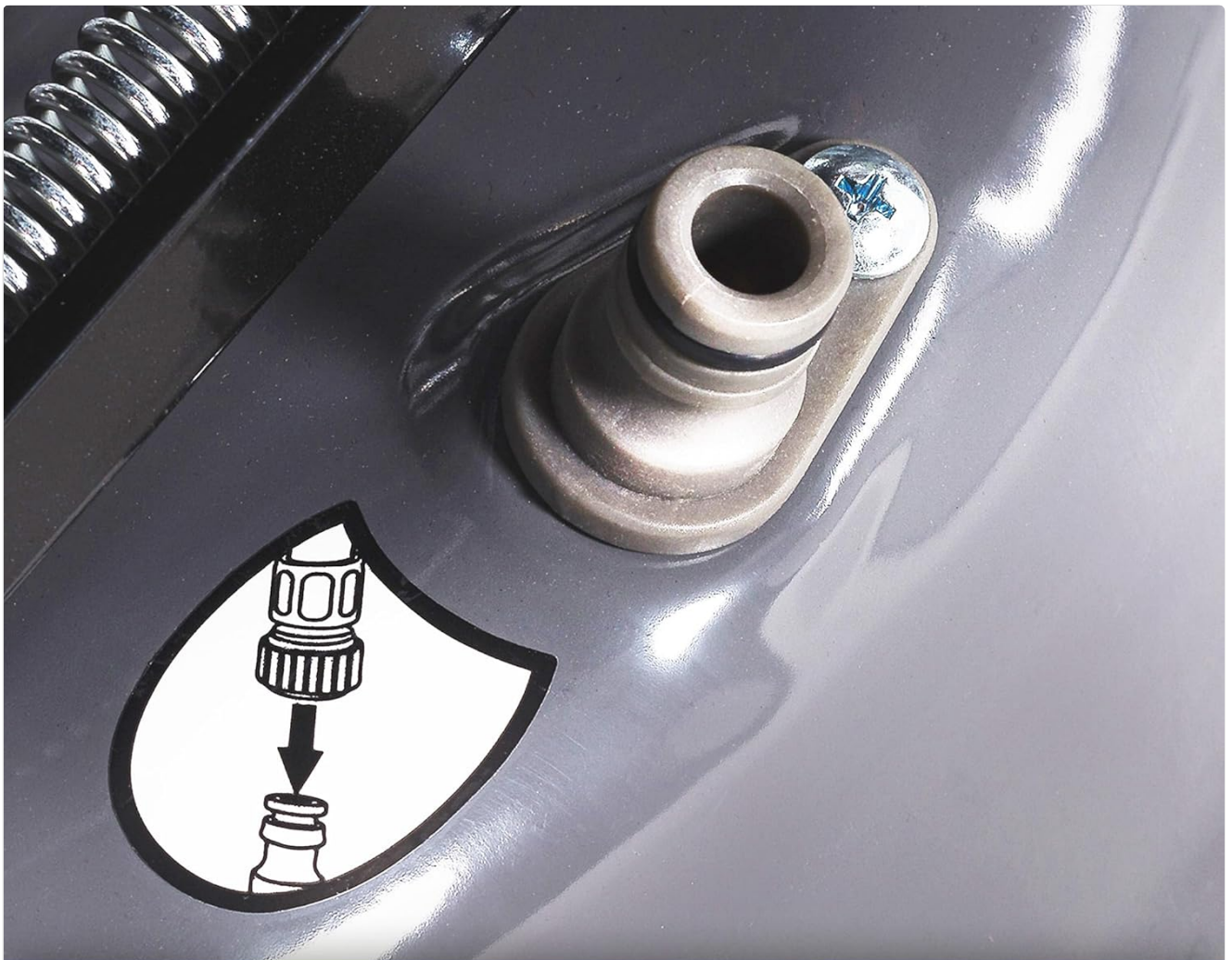
Release the engine brake lever. The engine will stop automatically.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

- **Cleaning the Deck:**

The mower features an integrated wash port for easy cleaning of the cutting deck. Connect a garden hose to the port, start the engine, and let it run for a minute to clean the underside of the deck.



Easy to clean with the integrated wash port

Image: Integrated wash port. This image shows the connection point for a garden hose to facilitate easy cleaning of the mower deck.

- **Engine Oil Check:** Check the engine oil level before each use. Top up if necessary with SAE30 4-stroke engine oil. Change oil annually or after every 25 hours of operation.
- **Air Filter:** Inspect and clean the air filter regularly. Replace if heavily soiled or damaged.
- **Spark Plug:** Inspect the spark plug annually. Clean or replace as needed.
- **Blade Care:** Regularly inspect the cutting blade for sharpness and damage. Sharpen or replace the blade as necessary. Always disconnect the spark plug wire before handling the blade.
- **Storage:** For long-term storage, ensure the fuel tank is empty or treated with a fuel stabilizer. Clean the mower thoroughly. Store in a dry, protected area. The handle can be folded to reduce storage space.

TROUBLESHOOTING

This section addresses common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Engine does not start	No fuel; old fuel; spark plug wire loose; engine brake not engaged; clogged fuel filter; no oil.	Add fresh fuel; check spark plug connection; engage engine brake; clean/replace fuel filter; add oil.
Engine runs rough or stalls	Stale fuel; dirty air filter; dirty spark plug.	Drain and refill with fresh fuel; clean/replace air filter; clean/replace spark plug.
Mower leaves uneven cut	Dull or bent blade; incorrect cutting height setting; excessive grass height.	Sharpen or replace blade; adjust cutting height evenly; mow tall grass in multiple passes.
Excessive vibration	Bent blade; loose blade bolt; debris on blade or deck.	Inspect and replace bent blade; tighten blade bolt; clean underside of deck.

SPECIFICATIONS

- **Model:** EQ2-500 2nd Gen
- **Engine:** Briggs & Stratton 500E Series, 140cc
- **Max Torque:** 6.78 Nm (as per description), 7.3 Nm (as per image) -*Note: Refer to engine manual for precise specifications.*
- **Nominal Power:** 2.03 kW / 2900 rpm
- **Cutting Width:** 46 cm (18 inches)
- **Cutting Height Adjustment:** Central, 6 positions (25 mm - 75 mm)
- **Grass Bag Capacity:** 50 Liters
- **Functions:** 4-in-1 (Collecting, Mulching, Rear Discharge, Side Discharge)
- **Deck Material:** Durable Steel
- **Weight:** 26.56 kg
- **Dimensions (L x W x H):** 96 x 38 x 101 cm
- **Oil Requirement:** 0.47 Liters SAE30 4-stroke engine oil (not included)

Cutting width
46 cm



Engine
capacity
140 cc

Max
torque
7,3 Nm

Nominal
power
2,03 kW

Grass
basket
50 l

Image: Key Specifications. This graphic summarizes the main technical details of the lawn mower.

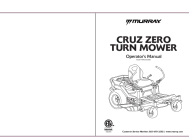
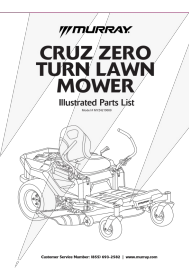
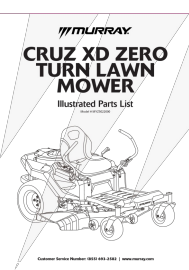
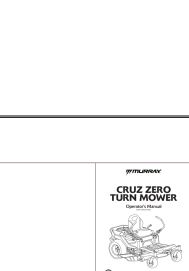
WARRANTY AND SUPPORT

Your Murray EQ2-500 lawn mower comes with a **2-year limited consumer warranty**.

For warranty claims, service, or specific Murray spare parts, please consult an authorized Murray dealer. All Murray petrol lawn mowers are supported by the extensive network of authorized Briggs & Stratton and Murray dealers.

For general inquiries or to locate a service center, please visit the official Murray or Briggs & Stratton websites, or contact their customer support lines.

Related Documents - EQ2-500

	Murray 22-inch 2-in-1 Self-Propelled Lawn Mower Quick Start Guide A quick start guide for the Murray 22-inch 2-in-1 Self-Propelled Lawn Mower, covering assembly, engine preparation, and starting instructions.
	Murray 22" Cut Walk Behind Mower Parts Manual - MNA153003 Comprehensive parts manual for the Murray 22" Cut Walk Behind Mower, Model MNA153003 (2024). Features detailed component breakdowns, part numbers, quantities, and torque specifications for various groups including deck, drive, engine, handles, and wheels.
	Murray Cruz Zero Turn Mower MYZ4219000 Operator's Manual Comprehensive operator's manual for the Murray Cruz Zero Turn Mower, model MYZ4219000. Covers safety, operation, assembly, maintenance, troubleshooting, and specifications. Learn how to safely operate and maintain your Murray zero-turn mower.
	Murray MYZ4219000 Cruz Zero Turn Lawn Mower Illustrated Parts List Comprehensive illustrated parts list for the Murray MYZ4219000 Cruz Zero Turn Lawn Mower, detailing all components and assemblies for easy identification and replacement.
	CRUZ XD ZERO TURN LAWN MOWER Illustrated Parts List Detailed illustrated parts list for the Murray CRUZ XD ZERO TURN LAWN MOWER (Model # MYZ5022000), including component breakdowns for all major assemblies and part numbers.
	Murray Cruz Zero Turn Mower Operator's Manual (Model MYZ4219000) This operator's manual provides essential safety instructions, assembly guidance, operating procedures, and maintenance schedules for the Murray Cruz Zero Turn Mower (Model MYZ4219000). Learn how to safely operate and maintain your zero-turn mower for optimal performance and longevity.

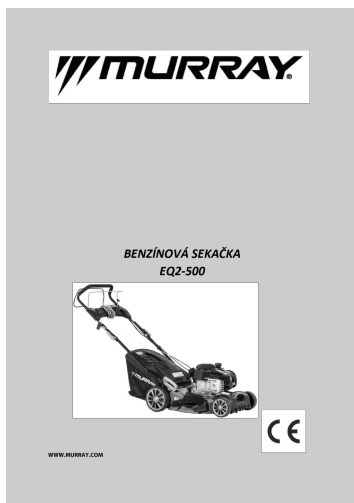


[\[pdf\]](#) User Manual Warranty

Wpisz tytuł dokumentu Polski Jola PETROL LAWN MOWER BENZIN RASENMÄHER CORTACÉSPED DE GASOLINA User manual and warranty card English 11 TECHNICAL DATA Type model EQ2 500 Engine B S 500E type upper valve OHV four stroke air cooled MURRAY Instrukcja obsługi jokergroup pl file 20317 |||

PETROL LAWN MOWER BENZIN-RASENMHER CORTACSPED DE GASOLINA TONDEUSE THERMIQUE FALCIATRICE A BENZINA KOSIARKA SPALINOWA **EQ2-500** User manual and warranty card A B C D 2 User manual and warranty card Fig. 1 Fig. 2 3 User manual and warranty card Fig. 3 Fig. 5 Fig. 6B Fig. 8 Fig. 4 Fig. 6A Fig...

lang:en **score:26** filesize: 4.76 M page_count: 152 document date: 2022-03-01

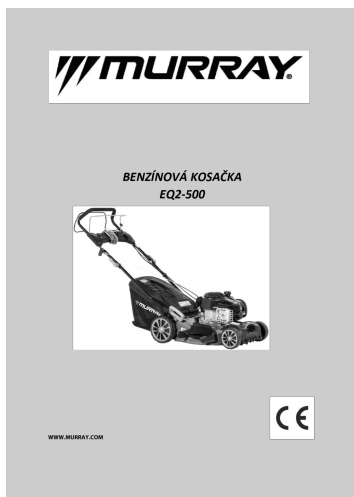


[\[pdf\]](#)

Wpisz tytuł dokumentu Polski Jola EQ2 500 CE 2023 CS Benzínová kosačka NAC Murray PENTA SK epenta sk img asp attid 121266841 |||

BENZNOV SEKACKA **EQ2-500** Nvod k pouzít a zrucn list A B Cestina C D 2 Nvod k pouzít a zrucn list Cestina Obr. 1 Obr. 2 3 Nvod k pouzít a zrucn list Obr. 3 Obr. 5 Cestina Obr. 4 Obr. 6A Obr. 6B Obr. 6B Obr. 7 Obr. 7 Obr. 8 Obr. 9A 4 Nvod k pouzít a zrucn list Cestina Obr. 9B Obr. 1...

lang:hr **score:25** filesize: 3.7 M page_count: 36 document date: 2024-03-09

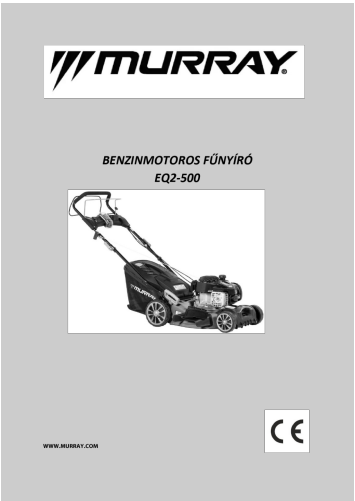


[\[pdf\]](#)

Wpisz tytuł dokumentu Polski Jola EQ2 500 z CE 2023 SK Benzínová kosačka NAC Murray PENTA epenta sk img asp attid 121355255 |||

BENZNOV KOSACKA **EQ2-500** Nvod na použitie a zrucn list A Slovensk B C D 2 Nvod na použitie a zrucn list Slovensk Obr. 1 Obr. 2 3 Nvod na použitie a zrucn list Slovensk Obr. 3 Obr. 5 Obr. 6B Obr. 8 4 Obr. 4 Obr. 6A Obr. 7 Obr. 9A Nvod na použitie a zrucn list Slovensk Obr. 9B Obr. 1...

lang:hr **score:24** filesize: 3.69 M page_count: 32 document date: 2024-03-23



[pdf]

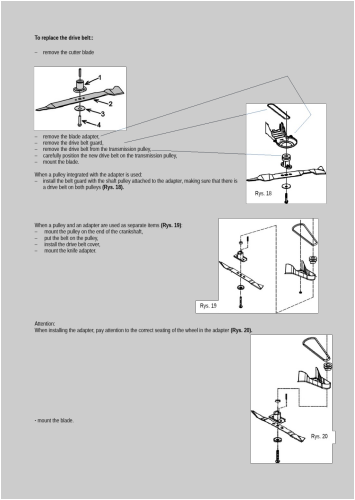
Wpisz tytuł dokumentu Polski Jola EQ2 500 z CE 2023 HU Benzínová kosačka NAC Murray PENTA SK epenta sk img asp attid 121355254 SKBenzínová sekačka CZNAC benzinmotoros fűnyíró EPENTA HUPENEQ2 HUEberry cz skycms public storage 785 9 PENEQ2 HUepenta 19038073epenta hu ||| |||

BENZINMOTOROS FNYR EQ2-500 Hasznlati tmutat s jtllsi jegy A Lengyelország B C D 2 Hasznlati tmutat s jtllsi jegy Lengyelország 1. bra 2. bra 3 Hasznlati tmutat s jtllsi jegy Lengyelország 3. bra 5. bra 6B. bra 8.

bra 4 4. bra 6A. bra 7. bra 9A

BENZINMOTOROS FNYR **EQ2-500** Hasznlati tmutat s jtllsi jegy A Lengyelország B C D 2 Hasznlati tmutat s jtllsi jegy Lengyelország 1. bra 2. bra 3 Hasznlati tmutat s jtllsi jegy Lengyelország 3. bra 5. bra 6B. bra 8. bra 4 4. bra 6A. bra 7. bra 9A. bra Hasznlati tmutat s jtllsi jegy Lengy...

lang:no score:20 filesize: 3.69 M page_count: 36 document date: 2024-04-04



[pdf] Installation Guide

Manuale utente Murray EQ2 500 Tagliaerba a benzina semovente 4 in 1 da 18 46cm con motore Briggs Stratton 500E facile avviare Amazon it Giardino e giardinaggio 61qzzurxjbL m media amazon images I |||

To replace the drive belt:: remove the cutter blade remove the blade adapter, remove the drive belt guard, remove the drive belt from the transmission pulley, carefully position the new drive belt on the transmission pulley, mount the blade. When a pulley integrated with the adapter is used: ...

lang:en score:19 filesize: 113.41 K page_count: 1 document date: 2022-04-20

serwis & obsługi: lista gwarancji

Uwaga! Przed przygotowaniem do montażu lub obsługi należy zapoznać się z niniejszą instrukcją obsługi.

Urządzenie przeznaczona jest do obsługi terenów przydomowych.

Użytkownik urządzenia do celów profesjonalnych, półprofesjonalnych lub zawodowych powinien wykonać dodatkowe szkolenie.

Instrukcja oryginalna, wydanie 1/2022

Niniejszą instrukcję należy traktować jako nieodłączną część urządzenia. Powinno ona być przechowywana w przewidywanym dla niej miejscu, tak aby była łatwo dostępna. Należy pamiętać, aby w przypadku uszkodzenia urządzenia lub jego przekroczenia (tj. użycia niezgodnego z przeznaczeniem) skontaktować się z producentem.

SPIS TREŚCI

Spis treści	127
Opis techniczny	128
Opis wersji graficznych i kolorystycznych	128
Standardy bezpieczeństwa dla maszyn - urządzenia z silnikiem spalinowym	129
Ogólne przepisy bezpieczeństwa	130
Bezpieczeństwo przy pracy	131
Bezpieczeństwo i odpowiedzialność producenta	135
Ważność i zakres	136
Przeznaczenie	136
Przeznaczenie do pracy	136
Ważność i zakres	136
Obsługa	137
Ważność i zakres	141
Transport	143
Przebieg i diagnozowanie problemów	144
Gwarancja i serwis	145
Oświadczenie zgodności	146
Ważność gwarancji	149
Karta gwarancji	149

127

[pdf]

5902490745476 127 Instrukcja oryginalna wydanie 1 2022 Spis DaneEQ2 500 Sinik B S 500E Typ silnika

Paliwo 140 cc Moc znamionowa maszyny 2 03 kW 2900 obr min Maksymalny moment obrotowy 7 3 Nm

2600 obr v1mediaexpert pl products files 38 3852390 obsługi MURRAY EQ2 |||

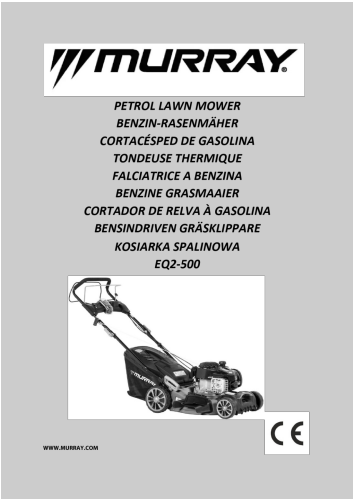
Instrukcja Instrukcja oryginalna, wydanie 1/2022 Spis Dane techniczne Opis stron

Ryzyko resztkowe Za ... Maksymalny moment obrotowy Obudowa Gwarantowany

poziom mocy akustycznej LWA Poziom i Rok produkcji **EQ2-500** B S 500E 140 cc

2,03 kW 2900 obr./min 7,3 Nm 2600 obr./min 2900 obr./min 0,8 L 0,47 L stalow...

lang:pl score:17 filesize: 11.68 M page_count: 23 document date: 2024-02-15



[pdf] User Manual Warranty

Wpisz tytuł dokumentu Polski Jola Certifique se de que a lâmina e todas as peças o efeito junto à tampa

saída do corta relva Fig MURRAY is trademark of Briggs Stratton Power C15mrz1 tpLm media amazon

images I C15mrz1 tpL ref dp product quick view |||

PETROL LAWN MOWER BENZIN-RASENMHER CORTACSPED DE GASOLINA

TONDEUSE THERMIQUE FALCIATRICE A BENZINA BENZINE GRASMAAIER

CORTADOR DE RELVA GASOLINA BENSINDRIVEN GRÄSKLIPPARE KOSIARKA

SPALINOWA **EQ2-500** User manual and warranty card A B C D 2 User manual and

warranty card Fig. 1 Fig. 2 3 User ma...

lang:en score:14 filesize: 5.43 M page_count: 232 document date: 2022-11-04



PETROL LAWN MOWER
BENZIN-RASENMÄHER
CORTACÉSPED DE GASOLINA
TONDEUSE THERMIQUE
FALCIATRICE A BENZINA
KOSIARKA SPALINOWA
EQ2-500



WWW.MURRAY.COM



[\[pdf\]](#) User Manual Warranty

Wpisz tytuł dokumentu Polski Jola petrol lawn mower benzin rasenmäher cortacésped de gasolinaEQ2
500 Engine B S 500E type upper valve OHV four stroke air cooled Fuel unleaded 95 Pb capacity 140 cc
Machine rated power 2 mediamedia adeo media 3142680 |||

PETROL LAWN MOWER BENZIN-RASENMHER CORTACSPED DE GASOLINA
TONDEUSE THERMIQUE FALCIATRICE A BENZINA KOSIARKA SPALINOWA

EQ2-500 User manual and warranty card A B C D 2 User manual and warranty card
Fig. 1 Fig. 2 3 User manual and warranty card Fig. 3 Fig. 5 Fig. 6B Fig. 8 Fig. 4 Fig.
6A Fig...

lang:en **score:10** filesize: 4.52 M page_count: 152 document date: 2022-11-04