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CRAFTSMAN 13AN77XSA93

Craftsman 42" Gas Riding Lawn Mower Instruction Manual

Model: 13AN77XSA93

PRODUCT OVERVIEW

The Craftsman 42" Gas Riding Lawn Mower is designed for efficient lawn maintenance. It features a 17.5 HP* Briggs and Stratton single-cylinder engine, a 42-inch stamped steel cutting deck, and a 7-speed manual transmission. This mower is suitable for cutting up to 2 acres of grass and offers an 18-inch turning radius for maneuverability.



Image: Front-right view of the Craftsman 42" Gas Riding Lawn Mower, showcasing its red body, black seat, and large wheels.

SETUP AND ASSEMBLY

Upon delivery, the Craftsman riding lawn mower requires minimal assembly. Key components such as the seat and steering wheel need to be attached. Ensure all packaging materials are removed and inspect the mower for any shipping damage before proceeding with assembly.

Initial Checks

- **Fluid Levels:** Verify engine oil and fuel levels. The mower typically comes with oil pre-filled, but it is crucial to confirm.
- **Battery Connection:** Ensure the battery terminals are securely connected.
- **Tire Pressure:** Check and adjust tire pressure to the recommended specifications for optimal performance.



Image: Front view of the Craftsman 42" Gas Riding Lawn Mower, highlighting the grille and headlights.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of the mower before operation. Always refer to the full manufacturer's manual for detailed safety guidelines and operating procedures.

Starting the Engine

1. Ensure the parking brake is engaged.
2. Place the transmission in neutral.
3. Engage the choke if the engine is cold.

4. Turn the ignition key to the start position.
5. Once the engine starts, gradually disengage the choke.

Transmission and Speed Control

The mower is equipped with a 7-speed manual transmission. Use the speed selector lever to choose the appropriate gear for your mowing conditions. The contoured low-back seat is designed for operator comfort during extended use.



Image: Close-up view of the operator's console, showing the steering wheel, ignition switch, and controls for engine speed and choke.



Image: Detailed view of the yellow 7-speed manual transmission selector lever, indicating different speed settings and a park brake position.

Cutting Deck Operation

The 42-inch stamped steel deck is designed for efficient cutting. The cutting height can be adjusted to suit various grass lengths and preferences. An optional mulching kit is available for professional-grade cutting and finishing.



Image: Close-up of the mower's seat and the lever used to adjust the cutting deck height, located near the operator's left side.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Craftsman riding lawn mower. Always consult the full owner's manual for a complete maintenance schedule and detailed instructions.

Engine Care

The 17.5 HP* Briggs and Stratton single-cylinder engine requires routine checks of oil levels, air filter cleaning/replacement, and spark plug inspection. Refer to the engine manufacturer's guidelines for specific service intervals.



Image: Close-up view of the Briggs and Stratton PowerBuilt 17.5 HP engine, showing its air filter cover and fuel lines.

Deck and Blade Maintenance

Keep the cutting deck clean from grass clippings and debris. Inspect the blades regularly for sharpness and damage. Dull blades can lead to an uneven cut and strain the engine. The deck belt should also be inspected for wear and proper tension.

Key Maintenance Parts

CRAFTSMAN**HELP KEEP IT RUNNING,
SEASON AFTER SEASON.****MOWER MAINTENANCE KEY** AS NEEDED EVERY SEASON AFTER 50 HOURS**AGM BATTERY**
725P17136**ENGINE OIL**
CMXGZAM000044

Refer to the parts list label under the lawn tractor's hood for original equipment parts.

**LOWER DRIVE BELT**
CMXGZAM501006**UPPER DRIVE BELT**
CMXGZAM501087**DECK BELT**
CMXGZAM501044**FUEL FILTER**
CMXGZAM202005**SPINDLE ASSEMBLY**
CMXGZAM130024**WHEELS**FRONT 634Z05053-5103
REAR CMXGZAM327006**BLADE REMOVAL TOOL**
490-850-0005**HIGH-LIFT BLADE**
CMXGZAM110108**LOW-LIFT BLADE**
CMXGZAM110180**MULCH BLADE**
742P04308-X
(Sold Individually)

Each sold separately.

Image: A diagram illustrating various maintenance parts for the Craftsman mower, including the AGM battery, engine oil, lower drive belt, upper drive belt, deck belt, fuel filter, spindle assembly, wheels, blade removal tool, high-lift blade, low-lift blade, and mulch blade.

TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems or repairs, it is recommended to contact a qualified service technician or refer to the detailed troubleshooting guide in your owner's manual.

- **Engine Fails to Start:** Check fuel level, ensure the choke is properly engaged (if cold), verify battery charge and connections, and inspect spark plug.
- **Uneven Cut:** Inspect cutting blades for sharpness and damage. Ensure tire pressure is even on all tires. Check for debris under the cutting deck.
- **Deck Belt Issues:** If the deck belt comes off or shows signs of wear, inspect its routing and tension. Replacement may be necessary.
- **Loss of Power:** Check fuel quality, air filter cleanliness, and ensure the engine is not overheating.

SPECIFICATIONS

Feature	Specification
Brand	CRAFTSMAN
Model Number	13AN77XSA93
Power Source	Gas Powered
Engine	17.5 HP* Briggs and Stratton Single-Cylinder
Cutting Width	42 Inches
Transmission	7-Speed Manual
Turning Radius	18 Inches
Item Weight	410 Pounds
Product Dimensions (D x W x H)	68" x 52" x 40"
Color	Red
Material	Alloy Steel
UPC	043033587650

WARRANTY AND SUPPORT

For detailed information regarding the manufacturer's warranty, please refer to the documentation included with your product or visit the official CRAFTSMAN website. For technical support, parts, or service inquiries, contact CRAFTSMAN customer service directly.

Available Accessories

A range of attachments and accessories are available to enhance the functionality of your Craftsman riding mower, including mulching kits, baggers, bumpers, weight kits, leaf collection systems, sun shades, tire chains, snow blades, and various hauling tools. These are sold separately.

CRAFTSMAN

GET MORE OUT OF YOUR RIDER.
Attachments & accessories for every season.

Refer to the parts list label under the lawn tractor's hood for original equipment attachments & accessories.



BAGGER
CMXGZAMB30031
(ACCESSORY ONLY)



BUMPER
OEM-190-679



WEIGHT KIT
490-900-M060



EXTRA WEIGHT
490-900-M059



LEAF COLLECTION SYSTEM
CMXGZAMA30043
(ACCESSORY ONLY)



ARNOLD® SUN SHADE
490-900-0067



TIRE CHAINS
490-241-0023
(ACCESSORY ONLY)



SNOW BLADE
19A30017OEM



MULCH KIT
CMXGZAMA70041



HAULER
19B40026OEM



HAULER TOOL HOLDER
19A40030OEM



HAULER TOOL HANDLE
19A40027OEM

Attachments & accessories each sold separately.

Image: A visual guide to various attachments and accessories compatible with the Craftsman riding mower, such as a bagger, bumper, weight kit, leaf collection system, sun shade, tire chains, snow blade, hauler, hauler tool holder, and hauler tool handle.

This manual provides general information. Always consult the official manufacturer's manual for complete instructions and safety warnings.