

N2 212-9903

N2 Hyper Tough 20" Lawnmower Blade Instruction Manual

Model: 212-9903

PRODUCT OVERVIEW

The N2 Razor-X 20-inch lawnmower blade is engineered for durability and performance. Manufactured with high-quality alloy steel, this blade is designed to increase hardness and extend its operational life. It is specifically compatible with Hyper Tough 20-inch push mowers, models MNA152701 and MNA152516, and serves as a direct replacement for Daye # (s) 101000001, 2105300125A, and Hyper Tough/Hypertough #(s) 101000001. Each purchase includes one blade, which is the required quantity for a 20-inch cutting deck.

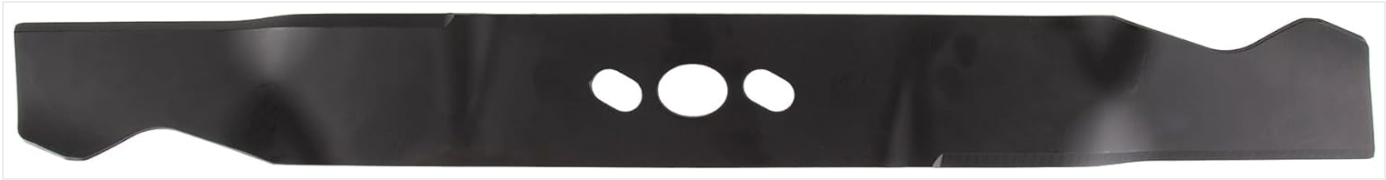


Image: A black N2 Hyper Tough 20-inch lawnmower blade, featuring a central oval hole and two smaller circular holes on either side, designed for secure mounting on compatible lawnmowers.

SPECIFICATIONS

Length	20 inches
Width	2-5/32 inches
Center Hole Diameter	15/16" x 45/64" oval
Thickness	0.118 inches
Material	Alloy Steel
Item Weight	1.4 pounds
Product Dimensions	20 x 2.16 x 0.12 inches
Country of Origin	China

COMPATIBILITY

This N2 Razor-X lawnmower blade is designed to fit the following Hyper Tough 20-inch push mower models:

- Hyper Tough MNA152701
- Hyper Tough MNA152516

It also replaces the following OEM part numbers:

- Daye #(s): 101000001, 2105300125A
- Hyper Tough/Hypertough #(s): 101000001

SETUP AND INSTALLATION

Safety First: Always ensure the lawnmower is turned off, the spark plug wire is disconnected (for gasoline mowers), or the battery is removed (for electric/cordless mowers) before attempting any maintenance or installation. Wear heavy-duty gloves and eye protection.

1. **Prepare the Mower:** Tilt the lawnmower onto its side, ensuring the carburetor and air filter are facing upwards to prevent fuel or oil leaks. Secure the mower to prevent it from tipping over during the process.
2. **Remove Old Blade:** Use a block of wood to wedge between the blade and the mower deck to prevent the blade from turning. Using a wrench, loosen the blade bolt(s) by turning counter-clockwise. Remove the old blade, washer(s), and any other mounting hardware, noting their order.
3. **Inspect Components:** Check the blade adapter, mounting bolts, and washers for any damage or wear. Replace any worn parts as necessary.
4. **Install New Blade:** Position the new N2 Hyper Tough blade onto the blade adapter, ensuring the cutting edges face the correct direction (usually indicated by an arrow or text on the blade, or by the upward curve of the blade tips). The blade should sit flush against the adapter. Reinstall any washers and the blade bolt(s) in the correct order.
5. **Tighten Blade Bolt:** Use the wrench to tighten the blade bolt(s) securely. Refer to your lawnmower's specific manual for the recommended torque specifications. Ensure the blade is centered and spins freely without wobbling.
6. **Final Check:** Reconnect the spark plug wire or reinstall the battery. Before starting the mower, ensure no tools or debris are left under the deck.

OPERATING INSTRUCTIONS

Once the new blade is securely installed, operate your lawnmower according to its manufacturer's instructions. A sharp blade like the N2 Razor-X ensures a clean cut, which is healthier for your lawn and reduces strain on the mower engine.

- **Mowing Height:** Adjust your mower's cutting height to suit your grass type and desired lawn appearance.
- **Clear Debris:** Always clear the mowing area of any rocks, sticks, or other debris that could damage the blade or be thrown by the mower.
- **Overlap Passes:** For an even cut, overlap each mowing pass by a few inches.
- **Avoid Wet Grass:** Mowing wet grass can lead to clumping and an uneven cut, and can also put extra strain on the blade and engine.

MAINTENANCE

Regular maintenance of your lawnmower blade will ensure optimal performance and longevity.

- **Clean After Each Use:** After each mowing session, disconnect the spark plug or remove the battery, then carefully

clean the underside of the mower deck and the blade to remove grass clippings and debris. This prevents buildup that can affect blade balance and cutting efficiency.

- **Inspect for Damage:** Periodically inspect the blade for nicks, bends, or cracks. A damaged blade can cause excessive vibration, poor cutting performance, and potential safety hazards. Replace the blade if significant damage is found.
- **Sharpening:** The N2 Razor-X blade is designed for durability, but like all blades, it will dull over time. Sharpen the blade regularly (e.g., every 25 hours of use or at the start of each mowing season) using a blade sharpener or file. Ensure the blade remains balanced after sharpening to prevent vibration. If you are unsure, consult a professional.
- **Storage:** If storing the mower for an extended period, clean and lightly oil the blade to prevent rust.

TROUBLESHOOTING

Here are some common issues related to lawnmower blades and their potential solutions:

- **Uneven Cut or Ragged Grass:**
 - Blade is dull: Sharpen or replace the blade.
 - Blade is bent or damaged: Replace the blade.
 - Blade is unbalanced: Rebalance the blade after sharpening, or replace if severely bent.
 - Incorrect blade installation: Ensure the blade is installed correctly and securely.
- **Excessive Vibration:**
 - Blade is bent or damaged: Replace the blade.
 - Blade is unbalanced: Rebalance the blade.
 - Blade bolt is loose: Tighten the blade bolt to the recommended torque.
 - Debris caught under the deck or on the blade: Clean the underside of the deck and the blade.
- **Mower Not Cutting:**
 - Blade is not spinning: Check for obstructions or issues with the blade adapter/belt system (refer to your mower's manual).
 - Blade is installed upside down: Reinstall the blade with the cutting edge facing down.

If problems persist, consult a qualified service technician or refer to your lawnmower's specific user manual.

WARRANTY AND SUPPORT

For specific warranty information regarding your N2 Hyper Tough 20" Lawnmower Blade, please refer to the packaging or contact the seller directly. For product support or inquiries, you may reach out to the manufacturer, N2, or the retailer from whom the blade was purchased.

Seller: [HyperParts](#)

