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› SYOWADA Fuel Line Kit Instruction Manual for Trimmers (Models 791-182353, 791-182352)

SYOWADA 791-182353, 791-182352

SYOWADA Fuel Line Kit Instruction Manual

Models: 791-182353, 791-182352

INTRODUCTION

This manual provides instructions for the installation, maintenance, and general information regarding the SYOWADA Fuel Line Kit. This kit is designed as a replacement for specific trimmer models. Please read this manual thoroughly before attempting any installation or maintenance to ensure proper function and safety.

PRODUCT CONTENTS

The SYOWADA Fuel Line Kit includes the following components:

- 2 pieces of 2-foot fuel line (one yellow, one black)
- 2 fuel filters
- 2 primer bulbs
- 1 spark plug



Image: Complete SYOWADA Fuel Line Kit showing all included components.

COMPATIBILITY

This fuel line kit is compatible with the following trimmer models:

For Kit Part Number 791-182353:

- Bolens BL26BC, BL26CO, BL26SS trimmers
- MTD Pro MP425, MP426cs, MP475
- Ryobi 510r, 650r, 825r, 875r, 890r

For Kit Part Number 791-182352:

- Troy Bilt TB144, TB26CO, TB26TB, TB415CS, TB425CS, TB465SS, TB475SS, TB490BC
- Yard Man Y26CO, Y26SS, YM141, YM21SS, YM260CO, YM26BC, YM26CO, YM26CS

Always verify your specific trimmer model number and compare with product images before installation to ensure correct fitment.

SAFETY INFORMATION

Before beginning any work on your trimmer's fuel system, observe the following safety precautions:

- **Disconnect the spark plug wire:** This prevents accidental starting of the engine.
- **Work in a well-ventilated area:** Fuel fumes can be hazardous.
- **Avoid open flames and sparks:** Fuel is highly flammable. Do not smoke or use ignition sources near fuel.
- **Wear appropriate personal protective equipment (PPE):** This includes gloves and eye protection.
- **Drain fuel tank:** Before disconnecting fuel lines, drain all fuel into an approved container.
- **Dispose of old fuel and parts properly:** Follow local regulations for hazardous waste disposal.

INSTALLATION GUIDE

This section provides general steps for replacing fuel system components. Specific procedures may vary slightly by trimmer model. Refer to your trimmer's original service manual for detailed instructions.

1. Fuel Line Replacement

1. Ensure the fuel tank is empty and the spark plug wire is disconnected.
2. Carefully locate the existing fuel lines. Note their routing and connections to the fuel tank, carburetor, and primer bulb. It is often helpful to take photos before disassembly.
3. Disconnect the old fuel lines. Be prepared for residual fuel.
4. Measure and cut the new fuel lines (yellow and black) to the appropriate lengths, matching the old lines. The provided fuel lines are 24 inches (62 cm) long.



Image: Yellow fuel line with indicated length.

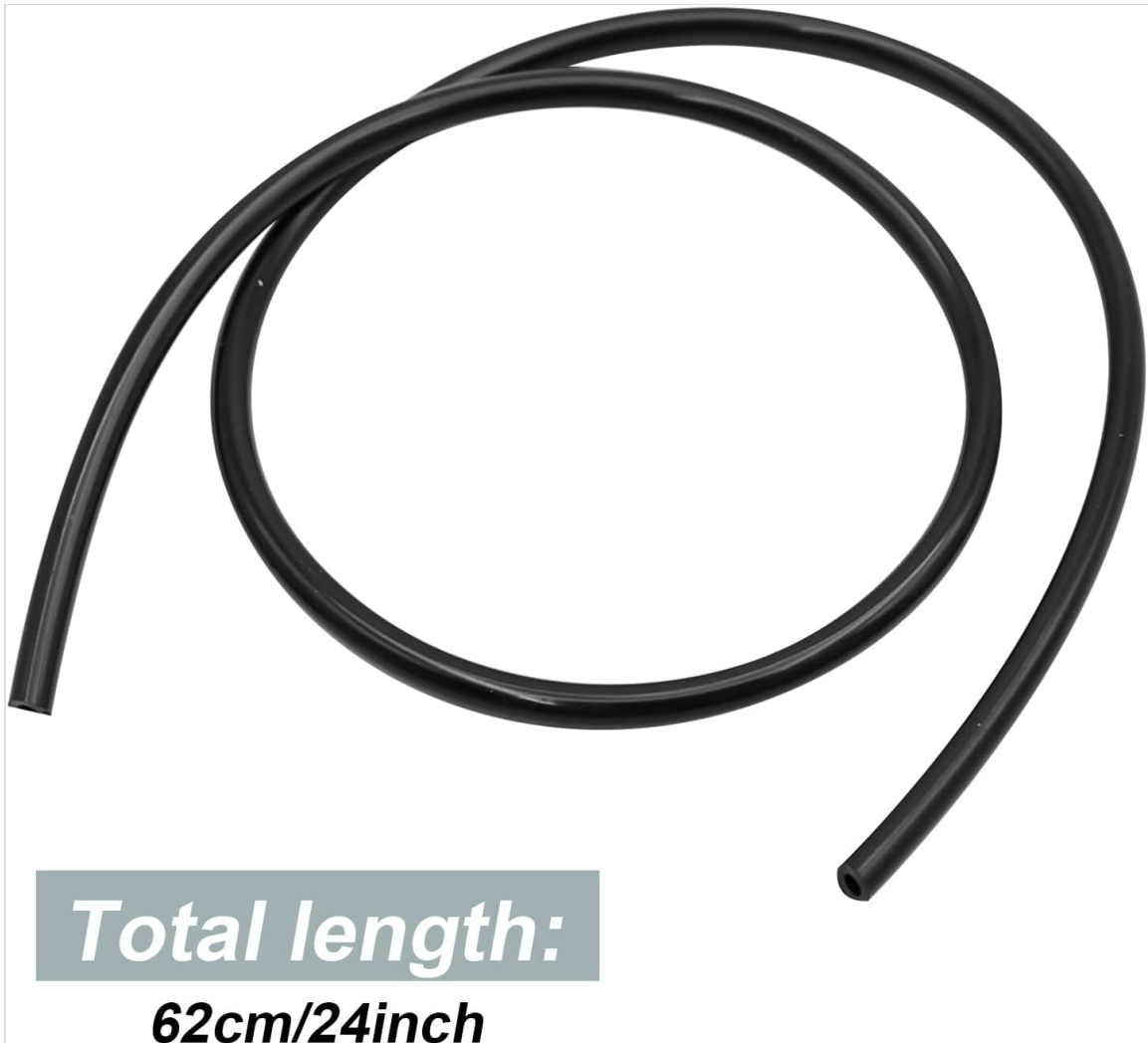


Image: Black fuel line with indicated length.

5. Connect the new fuel lines, ensuring they are securely attached to the fuel tank, carburetor, and primer bulb. The yellow line typically goes from the fuel filter in the tank to the carburetor, and the black line often serves as the return line from the carburetor to the tank or primer bulb.

2. Fuel Filter Replacement

1. The fuel filter is typically located inside the fuel tank, attached to the end of the fuel line that draws fuel.
2. Carefully pull the old fuel filter out of the tank (it may be attached to a fuel line).
3. Disconnect the old filter from the fuel line and attach a new fuel filter securely.
4. Place the new fuel filter back into the fuel tank.

3. Primer Bulb Replacement

1. The primer bulb is usually located on the carburetor or engine housing.
2. Gently pry off the old primer bulb. Note how it is seated and connected to the fuel lines.
3. Install the new primer bulb, ensuring it forms a tight seal and the fuel lines are correctly attached.

4. Spark Plug Replacement

1. Ensure the spark plug wire is disconnected.
2. Use a spark plug wrench to carefully remove the old spark plug.
3. Install the new spark plug, tightening it to the manufacturer's recommended torque (refer to your trimmer's manual). Do not overtighten.
4. Reconnect the spark plug wire.



Image: Individual components: fuel filters, primer bulbs, and spark plug.

OPERATION (POST-INSTALLATION CHECK)

After completing the installation of the fuel line kit components:

- **Refill the fuel tank:** Use the correct fuel/oil mixture as specified by your trimmer's manufacturer.
- **Prime the system:** Press the primer bulb several times until fuel is visible and flows through the lines.
- **Check for leaks:** Visually inspect all connections for any signs of fuel leakage. Address any leaks before starting the engine.
- **Start the engine:** Follow your trimmer's starting procedure. Monitor engine performance and listen for unusual noises.

MAINTENANCE

Regular maintenance of your trimmer's fuel system components ensures optimal performance and longevity:

- **Inspect Fuel Lines:** Periodically check fuel lines for cracks, hardening, or signs of wear. Replace them if any damage is observed.
- **Replace Fuel Filter:** The fuel filter should be replaced annually or more frequently if operating in dusty conditions or if fuel flow issues occur.

- **Inspect Primer Bulb:** Check the primer bulb for cracks or loss of elasticity. Replace if it does not prime effectively.
- **Check Spark Plug:** Inspect the spark plug for fouling or excessive wear. Replace as part of routine maintenance or if starting issues arise.

TROUBLESHOOTING

If your trimmer experiences issues related to fuel delivery after installation, consider the following:

- **Engine Not Starting:**
 - *No Fuel to Carburetor:* Check fuel lines for kinks or incorrect routing. Ensure the fuel filter is not clogged. Verify the primer bulb is functioning.
 - *No Spark:* Inspect the spark plug. Ensure the spark plug wire is securely connected.
- **Engine Runs Rough or Stalls:**
 - *Inconsistent Fuel Flow:* A partially clogged fuel filter or a loose fuel line connection can cause this.
 - *Incorrect Fuel/Air Mixture:* While this kit does not adjust the carburetor, ensure all fuel lines are sealed correctly to prevent air leaks.
- **Fuel Leaks:**
 - *Loose Connections:* Re-check all fuel line connections at the tank, carburetor, and primer bulb.
 - *Damaged Components:* Inspect new components for any manufacturing defects or damage during installation.

If issues persist, consult a qualified service technician or your trimmer's original service manual.

SPECIFICATIONS

Brand	SYOWADA
Material	Rubber
Color	Yellow/Black (Fuel Lines), White (Filters), Clear (Bulbs)
Item Length (Fuel Line)	24 Inches (62 cm) per line
Nominal Wall Thickness	0.0625 inches
Item Weight	1.76 ounces (total kit)
Specific Uses For Product	Trimmer Fuel System Replacement

WARRANTY AND SUPPORT

For any questions regarding this product or for support, please contact the seller directly through the platform where the purchase was made. Please retain your proof of purchase for any warranty claims.

