

Hyper Tough Multi-Use Hand Pump

Hyper Tough Multi-Use Hand Pump Instruction Manual

Model: Multi-Use Hand Pump

INTRODUCTION

The Hyper Tough Multi-Use Hand Pump is a versatile tool designed for efficient and mess-free transfer of various liquids and for low-pressure air inflation. This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your hand pump. It is suitable for vehicle owners, DIY enthusiasts, sports enthusiasts, and for general household use.

SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in property damage or personal injury.

- **Do not use with flammable liquids:** This pump is not designed for use with highly flammable liquids such as gasoline or solvents. Use only with non-corrosive and non-flammable liquids.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses and gloves when handling liquids to prevent contact with skin and eyes.
- **Ensure proper ventilation:** When transferring liquids, ensure the work area is well-ventilated to avoid inhaling fumes.
- **Keep out of reach of children:** This product is not a toy and should be stored safely away from children.
- **Avoid over-pressurization:** Do not exceed the recommended pressure for air inflation. Over-inflation can cause damage to items or injury.
- **Clean thoroughly after use:** Always clean the pump and hoses after transferring liquids to prevent cross-contamination and maintain functionality.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Multi-Use Hand Pump
- 1 x Air Pressure Hose (black)
- 2 x Clear Hoses (for fluid transfer)
- 3 x Adapters (various sizes for different applications)



Image: Front of the Hyper Tough Multi-Use Hand Pump packaging, displaying the pump, clear hose, and black hose.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your Hyper Tough Multi-Use Hand Pump:

- **Pump Body:** The main cylinder with a plunger for creating suction or pressure.
- **Handle:** Ergonomically designed for comfortable operation.
- **Quick Connectors:** For easily attaching and detaching hoses.
- **Clear Hoses:** Primarily used for fluid transfer, allowing visibility of the liquid.
- **Black Air Pressure Hose:** Used for low-pressure air inflation.
- **Adapters:** Various fittings for different inflation valves or liquid containers.



Image: The Hyper Tough Multi-Use Hand Pump disassembled, showing the pump body, clear hoses, black hose, and various adapters.



Image: Back of the Hyper Tough Multi-Use Hand Pump packaging, illustrating the intake and discharge ports of the pump.

SETUP

1. For Fluid Transfer

1. Select the appropriate clear hose for your application.
2. Attach one end of the clear hose to the "Intake" port of the pump using the quick-connect system. Ensure it clicks securely into place.
3. Attach the other clear hose to the "Discharge" port of the pump.
4. If necessary, attach one of the fluid adapters to the end of the intake hose for a better fit into the source container.

2. For Low-Pressure Air Inflation

1. Attach the black air pressure hose to the "Discharge" port of the pump using the quick-connect system.
2. Select the appropriate adapter for the item you wish to inflate (e.g., needle for sports balls, valve adapter for bicycle tires).

3. Attach the chosen adapter to the end of the black air pressure hose.

OPERATING INSTRUCTIONS

1. Fluid Transfer

1. Ensure the pump is set up for fluid transfer as described in the "Setup" section.
2. Place the intake hose into the liquid you wish to transfer. Ensure the end of the hose is fully submerged.
3. Position the discharge hose into the receiving container. Ensure it is securely placed to prevent spills.
4. Operate the pump by pulling the handle upwards and pushing it downwards in a steady, continuous motion. This will create suction to draw liquid from the source and push it into the receiving container.
5. Continue pumping until the desired amount of liquid has been transferred or the source container is empty.
6. Once complete, carefully remove the hoses, allowing any remaining liquid to drain into the appropriate container.



Image: A person using the Hyper Tough Multi-Use Hand Pump to transfer fluid from a reservoir in a car engine bay.

2. Low-Pressure Air Inflation

1. Ensure the pump is set up for air inflation as described in the "Setup" section.
2. Connect the adapter on the black air pressure hose to the valve of the item you wish to inflate (e.g., bicycle tire, sports ball).
3. Operate the pump by pulling the handle upwards and pushing it downwards in a steady motion. Air will be pushed into the item.
4. Monitor the inflation level. Do not over-inflate.
5. Once inflated to the desired level, disconnect the adapter from the item.



Image: A person using the Hyper Tough Multi-Use Hand Pump to inflate a bicycle tire.



Image: A person using the Hyper Tough Multi-Use Hand Pump to inflate a basketball.

MAINTENANCE

Proper maintenance will extend the life of your Hyper Tough Multi-Use Hand Pump.

- **Cleaning:** After each use, especially when transferring liquids, flush the pump and hoses with clean water to remove any residue. For oil or automotive fluids, use a mild degreaser solution, then rinse thoroughly with water. Allow all components to air dry completely before storage.
- **Storage:** Store the pump and its accessories in a clean, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect hoses for cracks, kinks, or wear. Check quick-connect fittings for damage. Replace any damaged components immediately.

TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|---------------------------------|---|---|
| Pump not drawing liquid/air | <ul style="list-style-type: none"> • Hose not fully submerged in liquid. • Loose hose connection. • Air leak in the system. • Pump seals are dry or worn. | <ul style="list-style-type: none"> • Ensure intake hose is fully submerged. • Check all quick-connect fittings for secure attachment. • Inspect hoses and pump body for cracks or damage. • Apply a small amount of silicone grease to the plunger seals. |
| Slow transfer/inflation rate | <ul style="list-style-type: none"> • Partial blockage in hose or pump. • Insufficient pumping speed. | <ul style="list-style-type: none"> • Clean hoses and pump thoroughly. • Increase pumping speed and consistency. |
| Liquid leaking from connections | <ul style="list-style-type: none"> • Hoses not securely connected. • Damaged O-rings or seals. | <ul style="list-style-type: none"> • Ensure quick-connect fittings are fully engaged. • Inspect and replace any damaged O-rings or seals. |







SPECIFICATIONS

- **Brand:** Hyper Tough
- **Model:** Multi-Use Hand Pump
- **Material:** Aluminium (pump body)
- **Power Source:** Manual
- **Maximum Pressure (Air):** Up to 100 PSI (for low-pressure inflation, actual usable pressure depends on application)
- **Hose Length:** Clear hoses (approx. 4 inches each), Black air hose (longer, flexible)
- **Dimensions (Pump):** Approximately 26.39 x 22.86 x 4.39 cm (packaged)
- **Weight:** Approximately 476 g (packaged)
- **UPC:** 077341152187

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Hyper Tough Multi-Use Hand Pump, please refer to the contact information provided on the product packaging or visit the official Hyper Tough website. Keep your purchase receipt as proof of purchase.

For general inquiries, you may also contact customer service through the retailer where the product was purchased.

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|  | <p>Hyper Tough 2.1 Amp Oscillating Multifunction Tool Instruction Manual AQ60010G</p> <p>Comprehensive instruction manual for the Hyper Tough 2.1 Amp Oscillating Multifunction Tool (AQ60010G), covering safety guidelines, operation, maintenance, and warranty information for home use.</p> |
|  | <p>Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw Quick Start Guide</p> <p>Quick start guide for the Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw, covering charging, battery installation, assembly, and safe operation procedures.</p> |
|  | <p>Hyper Tough 1.5AMP Detail Sander Instruction Manual</p> <p>Comprehensive instruction manual for the Hyper Tough 1.5AMP Detail Sander (Model AQ20021G), covering safety guidelines, operation, maintenance, specifications, and warranty information.</p> |
|  | <p>HYPER TOUGH HT300 OBD2 Code Reader User Manual</p> <p>This comprehensive user manual provides operating instructions and safety information for the HYPER TOUGH HT300 OBD2 Code Reader. Learn to troubleshoot 1996 and newer OBD2 vehicles, decode 'Check Engine' light problems, retrieve generic and manufacturer-specific codes, and display Freeze Frame Data.</p> |
|  | <p>Hyper Tough 2.0 Amp 1/4 Sheet Sander Instruction Manual</p> <p>Instruction manual for the Hyper Tough 2.0 Amp 1/4 Sheet Sander (Model AQ20019G), covering safety guidelines, tool anatomy, operation, installation, troubleshooting, maintenance, specifications, and warranty information.</p> |
|  | <p>Hyper Tough 40V MAX 12" Cordless Self-Oiling Chainsaw: FAQs, Manual Info & Warranty</p> <p>Get answers to common questions about the Hyper Tough 40V MAX 12" Cordless Self-Oiling Chainsaw (HT19-401-003-04). Learn about battery compatibility, chain assembly, oil usage, maintenance, and warranty details.</p> |