



BV POWERSPORTS

SET UP INSTRUCTION
TrailMaster TM-29



version 1.0
05/01/2023

This unit should only be assembled and prepped by authorized BV Dealer or professional motorcycle mechanic. You should never to try to attempt assembly of this unit, it should be done by professionals. Death or serious injury could result from failure to follow these warnings and instructions.

Contents

1. Intro	1
1.1. Specifications	1
1.2. Important Safety Information	1
2. Instructions of Setup	3
2.1. Preparations	3
2.1.1. Remove the Outside Cardboard Box	3
2.1.2. Remove the Front Wheel, Accessories Box and Steel Frame	4
2.1.3. Take off the Front Axle	5
2.1.4. Move it Onto Motorcycle Bike Stand	6
2.2. Install the Handlebar	7
2.2.1. Set up the Handlebar Supports	7
2.2.2. Semi-Install the Handlebar Clamps	8
2.2.3. Sit the Ignition Switch and Finish the Installation	9
2.3. Install the Front Wheel	10
2.3.1. Un-install the Front Caliper and Remove the Buffer Pad	10
2.3.2. Re-install the Front Caliper in right Position	11
2.3.3. Attach the Front Wheel and Front Axle	12
2.3.4. Align the Brake Disc and Fasten the Nut	13
2.4. Install the Number Plate	14
2.5. Install the Front Fender	15
2.5.1. Take off the Screws underneath the Triple Tree Clamp	15
2.5.2. Install the Front Fender	16
2.6. Install the Rear Shock	17
2.7. Install the Right Footpeg	18
2.8. Install the Handlebar Foam Buffer	19
2.8.1. Put On the Buffer Foam	19
2.8.2. Put On the Foam Cover	20
2.9. Install the Breather Tube	21
A. Components/Parts in Accessories Box	23

List of Figures

2.1. Open the Box	3
2.2. Remove the Front Wheel, Accessories Box and Steel Fram	4
2.3. Take off the Front Axle	5
2.4. Move it onto Motorcycle Bike Stand	6
2.5. Set up the Handlebar Supports	7
2.6. Semi-Install the Handlebar Clamps	8
2.7. Sit the Ignition Switch and Finish the Installation	9
2.8. Un-install the Front Caliper and Remove the Buffer Pad	10
2.9. Re-install the Front Caliper in right Position	11
2.10. Put on the Front Wheel and Front Axle	12
2.11. Align the Brake Disc and Fasten the Nut	13
2.12. Install the Number Plate	14
2.13. Take off the Screws underneath the Triple Tree Clamp	15
2.14. Install the Front Fender	16
2.15. Install the Rear Shock	17
2.16. Install the Right Footpeg	18
2.17. Put on the Buffer Foam	19
2.18. Put on the Foam Cover	20
2.19. Install the Breather Tube	21
A.1. Components/Parts in Box	23

1. Introduction

1.1. Specifications

1.2. Important Safety Information

- Never smoke in or near repair bays or garages. Vehicles contain flammable and combustible fluids which can easily be set on fire if a hot ash from a cigar or cigarette were to come into contact with such materials.
- Keep work areas clean and organized. Pick up tools and use tool cabinets to keep walkways clear and free from clutter.
- Never wear loose clothing or clothing that is ripped or torn. To prevent employees from wearing unacceptable attire, it is recommended to obtain customized uniforms and work apparel from a qualified uniform service company.
- Wear protective gear at all times, as appropriate for the repair. Goggles, gloves, and ear protection should be worn when making certain types of repairs.
- Make sure fire extinguishers are easily accessible and appropriate for all potential fire types. In the event of a fire, extinguishers need to be accessed quickly and be charged with the right materials to put out the type of fire: i.e., gas, oil, electrical, and so on.
- Always disconnect the battery when working on electrical systems and near/around electrical wiring. Even when the vehicle is off, there is still the potential for current to pass through electrical wiring.
- Never place hands, tools, or other objects near the engine while it is running. The moving parts and components could cause injury to a person or the vehicle itself.
- Never work underneath a vehicle unless it has been properly supported. Raising the vehicle off the ground to access the underside requires verifying it is stable, and that there is no risk of the vehicle falling on top of the mechanic.

1. *Intro*

- Always remove the keys from the ignition switch. Never leave the key in the ignition switch, as the key can draw an electrical charge from the battery. Also, avoid unplugging fuses and wiring harnesses while the key is in the “on” position. Otherwise, there is a risk of electrical shock, and/or electrical spikes that may damage electronic parts and wiring.
- Be aware of the vehicle’s temperature before beginning any work. The engine, manifold, exhaust system, and radiator could be hot and cause skin burns. Plus, the radiator coolant is still pressurized.

2. Instructions of Setup

2.1. Preparations

2.1.1. Remove the Outside Cardboard Box



Figure 2.1.: Remove the Outside Cardboard Box

2. Instructions of Setup

2.1.2. Remove the Front Wheel, Accessories Box and Steel Frame



Figure 2.2.: Remove the Front Wheel, Accessories Box and Steel Fram

2.1.3. Take off the Front Axle

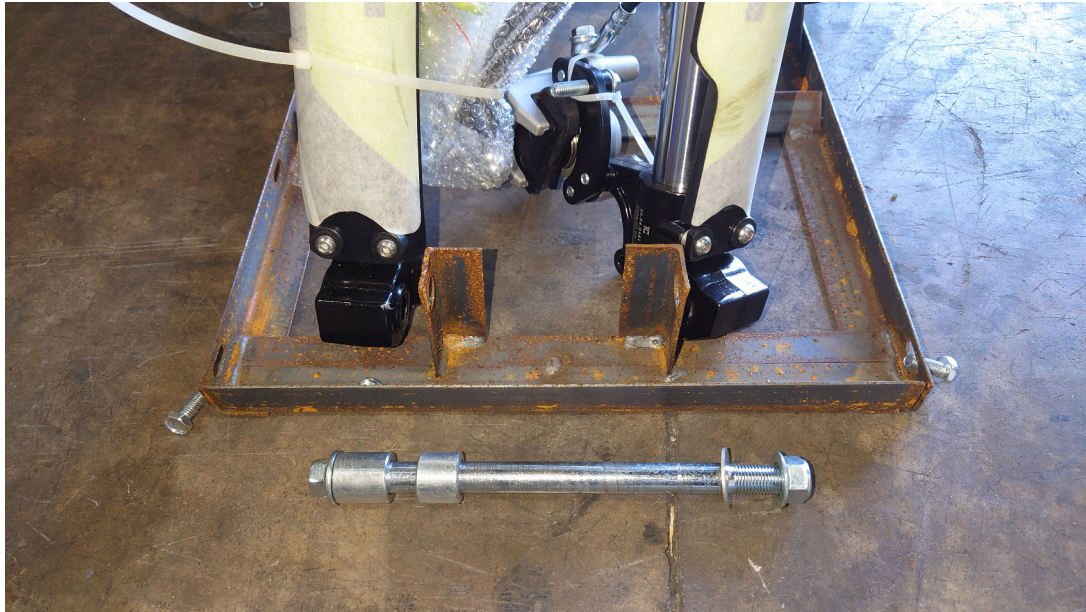


Figure 2.3.: Take off the Front Axle

2. Instructions of Setup

2.1.4. Move it Onto Motorcycle Bike Stand



Figure 2.4.: Move it onto Motorcycle Bike Stand

2.2. Install the Handlebar

2.2.1. Set up the Handlebar Supports



Figure 2.5.: Set up the Handlebar Supports

2. *Instructions of Setup*

2.2.2. **Semi-Install the Handlebar Clamps**



Figure 2.6.: Semi-Install the Handlebar Clamps

2.2.3. Sit the Ignition Switch and Finish the Installation



Figure 2.7.: Sit the Ignition Switch and Finish the Installation

2. *Instructions of Setup*

2.3. Install the Front Wheel

2.3.1. Un-install the Front Caliper and Remove the Buffer Pad



Figure 2.8.: Un-install the Front Caliper and Remove the Buffer Pad

2.3.2. Re-install the Front Caliper in right Position

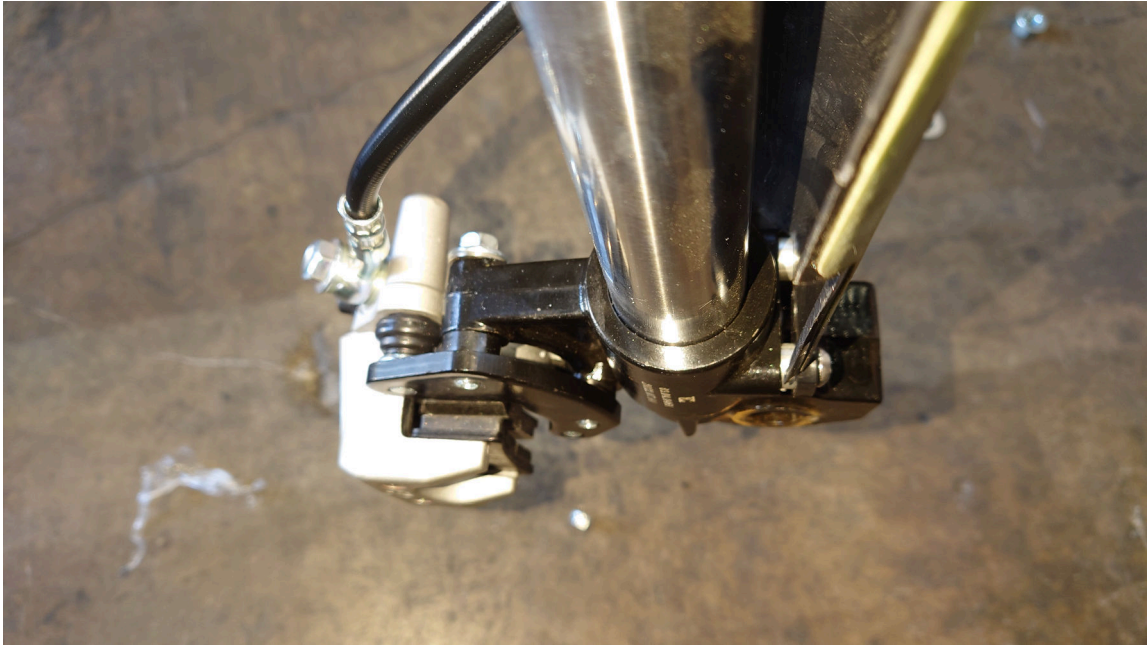


Figure 2.9.: Re-install the Front Caliper in right Position

2. *Instructions of Setup*

2.3.3. Attach the Front Wheel and Front Axle



Figure 2.10.: Put on the Front Wheel and Front Axle

2.3.4. Align the Brake Disc and Fasten the Nut



Figure 2.11.: Align the Brake Disc and Fasten the Nut

2. *Instructions of Setup*

2.4. Install the Number Plate



Figure 2.12.: Install the Number Plate

2.5. Install the Front Fender

2.5.1. Take off the Screws underneath the Triple Tree Clamp



Figure 2.13.: Take off the Screws underneath the Triple Tree Clamp

2. *Instructions of Setup*

2.5.2. Install the Front Fender



Figure 2.14.: Install the Front Fender

2.6. Install the Rear Shock



Figure 2.15.: Install the Rear Shock

2. *Instructions of Setup*

2.7. Install the Right Footpeg

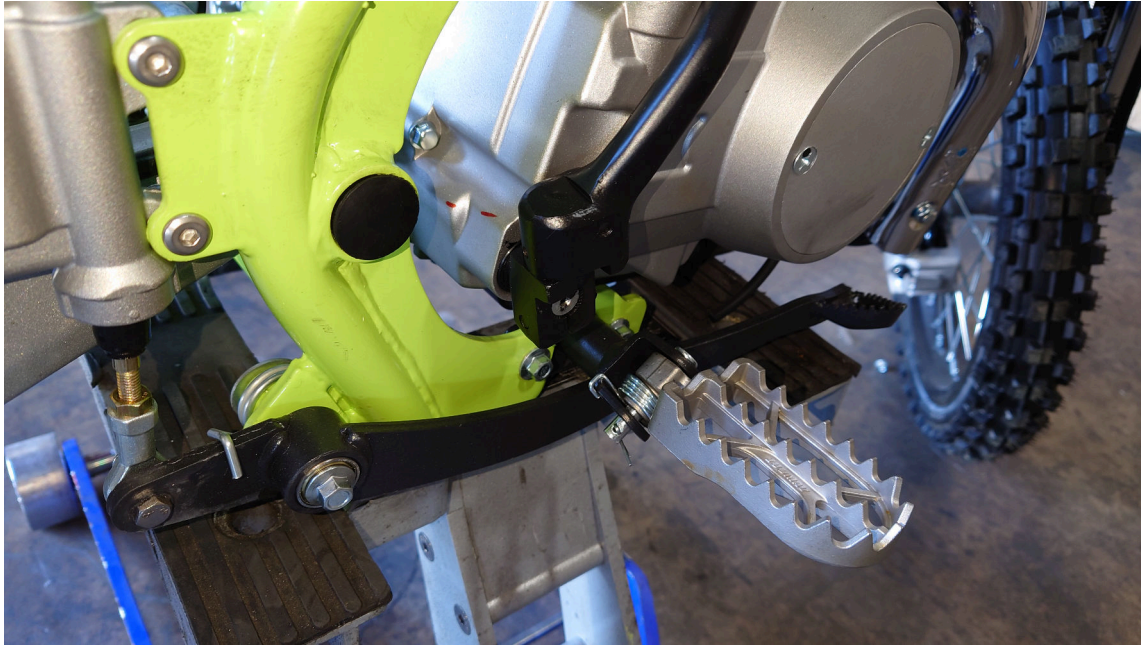


Figure 2.16.: Install the Right Footpeg

The peg is in the Accessories Box as showed in Picture A.1.

2.8. Install the Handlebar Foam Buffer

2.8.1. Put On the Buffer Foam



Figure 2.17.: Put on the Buffer Foam

2. Instructions of Setup

2.8.2. Put On the Foam Cover



Figure 2.18.: Put on the Foam Cover

2.9. Install the Breather Tube



Figure 2.19.: Install the Breather Tube

A. Components/Parts in Accessories Box



Figure A.1.: Components/Parts in Box