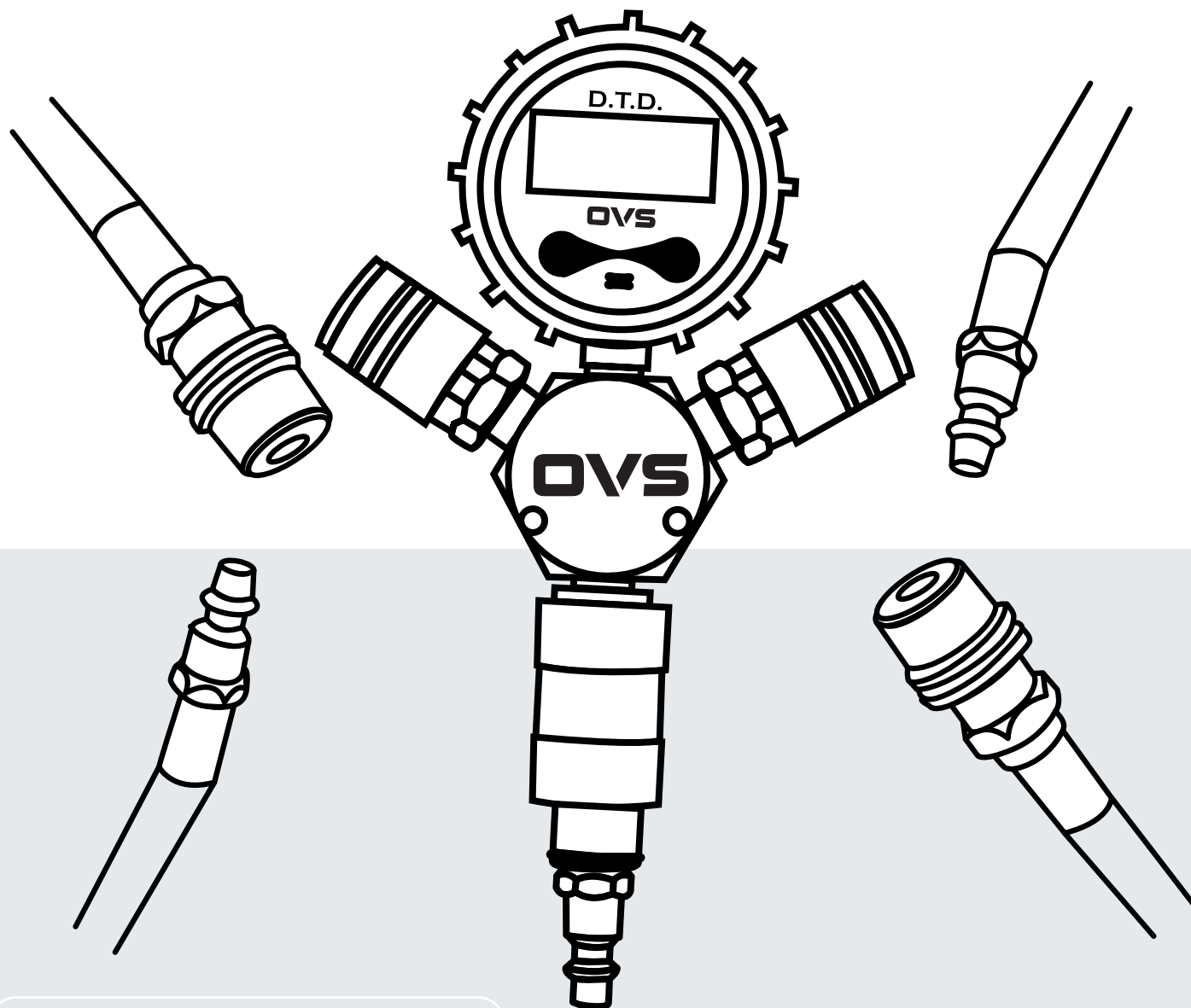




OVS

OVERLAND VEHICLE SYSTEMS

Quick-Flate Inflation & Deflation System Instructions



**CAREFULLY READ INSTRUCTIONS
PRIOR TO THE FIRST USE OF THE
QUICK FLATE SYSTEM**

Quick Flate Inflation & Deflation System

SET-UP & CARE INSTRUCTIONS

GET TO KNOW YOUR QUICK FLATE

We recommend you check all parts are included prior to first use.

Quick Flate Manifold
Nitro Adapter to Adapt to US Fittings*
Ballistic Nylon Storage Bag

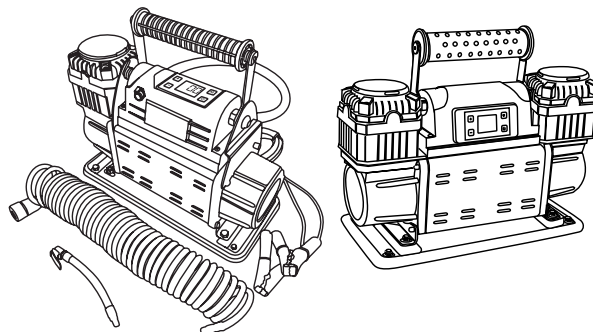
2-Way System:

2x Quick Connect Hoses

4-Way System:

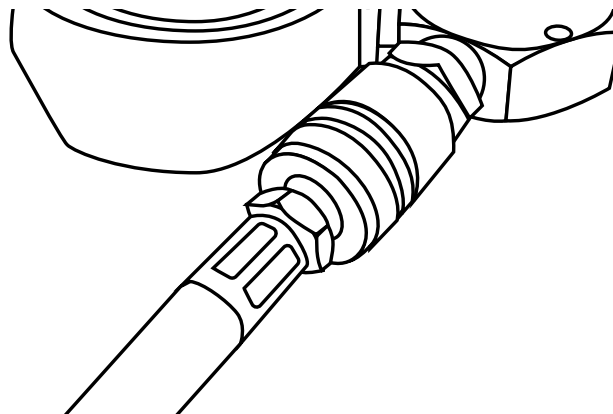
2x Quick Connect Hoses with Splitters

The Quick Flate Inflation and Deflation System works best with our Portable Digital Air Compressors when Inflating your tires.



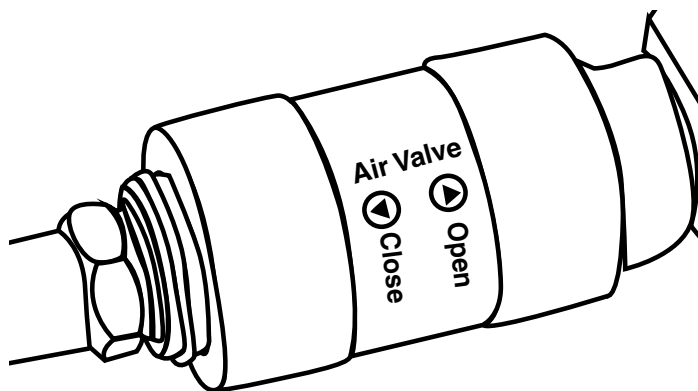
1

To Start, Pull back the US Fitting on the sides of your manifold and insert the Quick Connect Hoses



2

Before Inflating or Deflating, make sure your Air Release Valve is Closed.

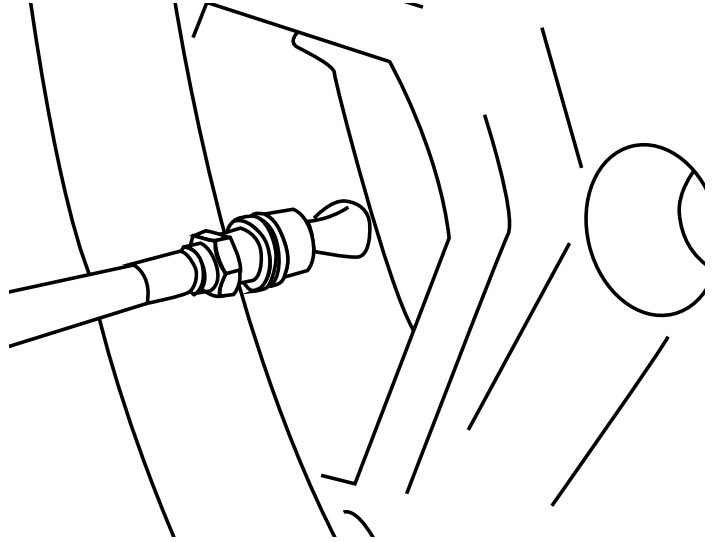


Quick Flate Inflation & Deflation System

SET-UP & CARE INSTRUCTIONS

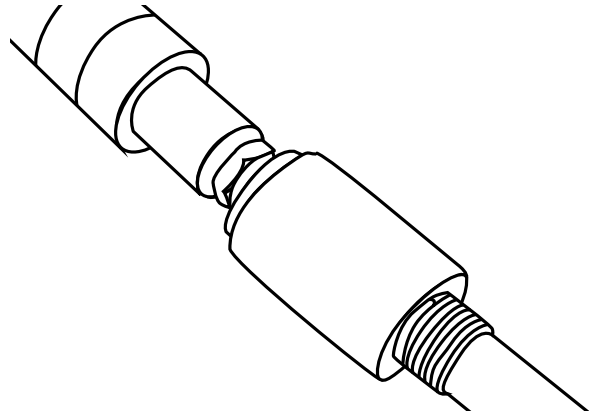
3

Attach the Quick Connect Hoses to 2 or 4 tires, depending on if you have the 2-Way or the 4-Way



4

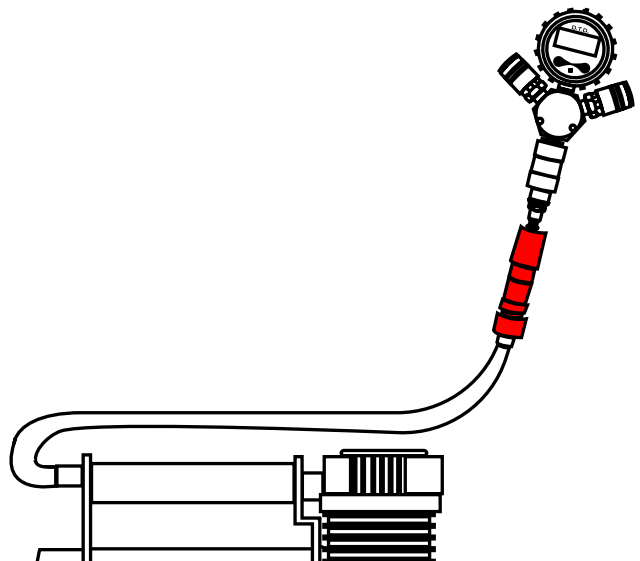
Connect the Air Compressor Hose to the bottom of the manifold



Determine the style of fitting on your compressor
If it is a Nitto Fitting you will need to use our Nitto Adapter to connect the manifold

Note: This Nitto Fitting will work with our EGO 5.6 CFM Air Compressor and possibly other manufacturers

If the compressor has a US fitting it can be connected directly to the manifold.



Quick Flate Inflation & Deflation System

SET-UP & CARE INSTRUCTIONS

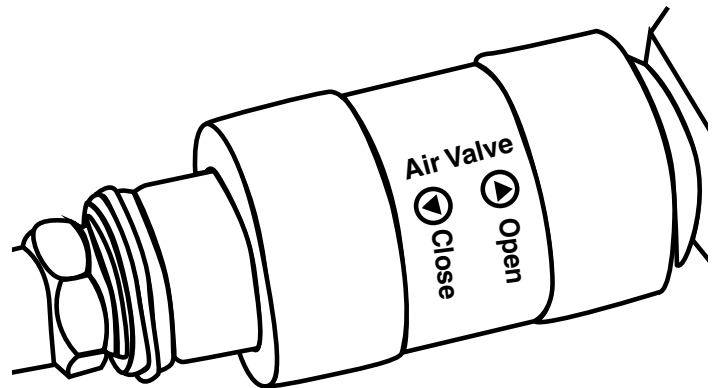
INFLATING

4

When inflating turn on your air compressor with your desired PSI and open the air valve to allow air to pass through to from the air compressor to the tires.

Your manifold will display a live reading of the air in the tires and will also show excess air in the hoses.

When using a Non-Digital Air Compressor, you will be using the manifold to read the live air pressure.



HOW TO START INFLATION USING A DIGITAL AIR COMPRESSOR

Automatic Inflation:

The default pressure is set to 30 PSI. Use the "+" or "-" buttons to adjust it to your desired tire pressure.

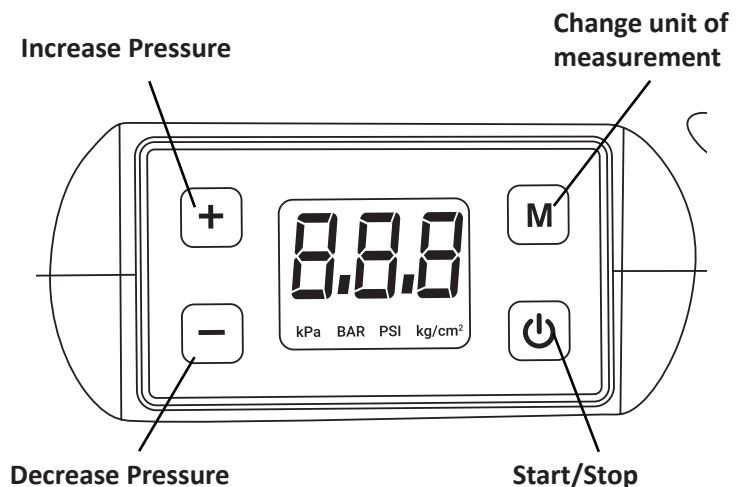
Wait for the display to stop flashing once the desired pressure is set.

Press the Start/Stop button to begin inflation.

The compressor will display a real-time pressure reading as it inflates the tire. It may start and stop intermittently to ensure accurate readings—this is normal operation.

Once the pre-set pressure is reached, the compressor will automatically stop, and the display will show the final pressure.

During automatic inflation this compressor will stop at random intervals for 1-2 seconds to ensure the tire pressure reading is accurate. This is normal operation and is not a malfunction or defect.



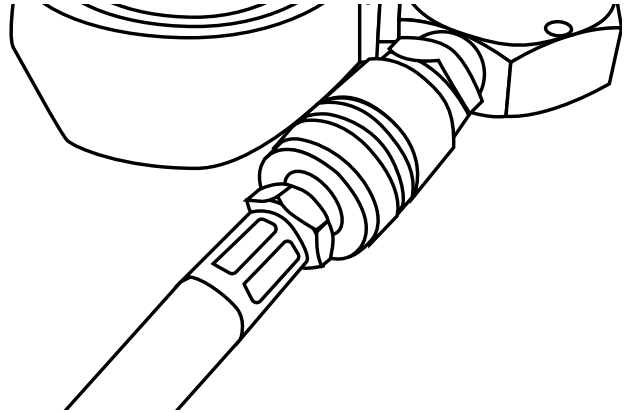
Quick Flate Inflation & Deflation System

SET-UP & CARE INSTRUCTIONS

DEFLATING INSTRUCTIONS

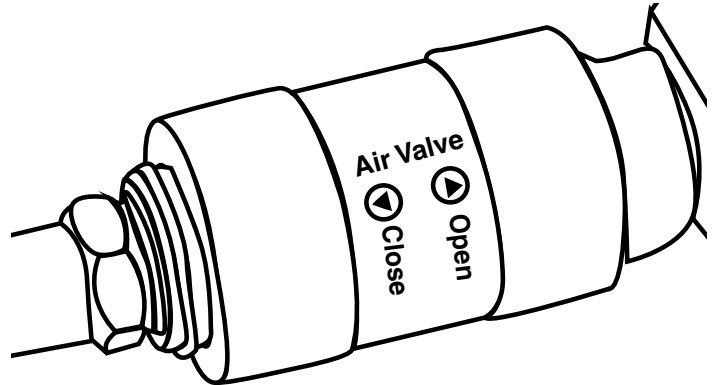
1

To Start, Pull back the US Fitting on the sides of your manifold and insert the Quick Connect Hoses



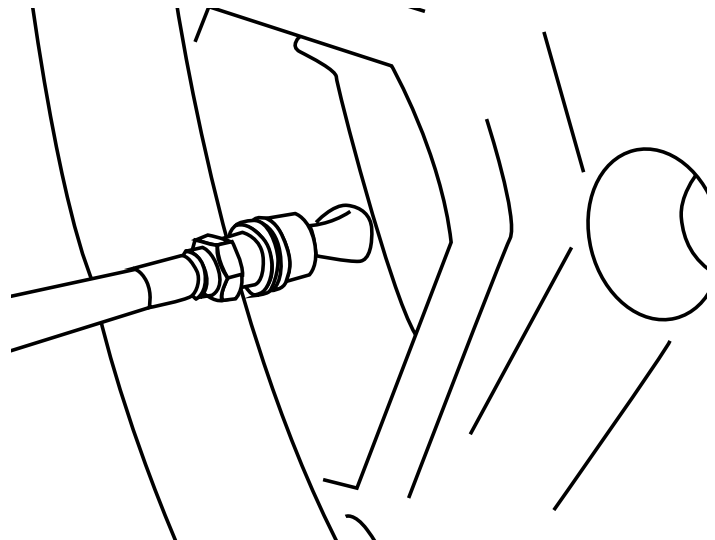
2

Before Inflating or Deflating, make sure your Air Release Valve is Closed.



3

Attach the Quick Connect Hoses to 2 or 4 tires, depending on if you have the 2-Way or the 4-Way



Quick Flate Inflation & Deflation System

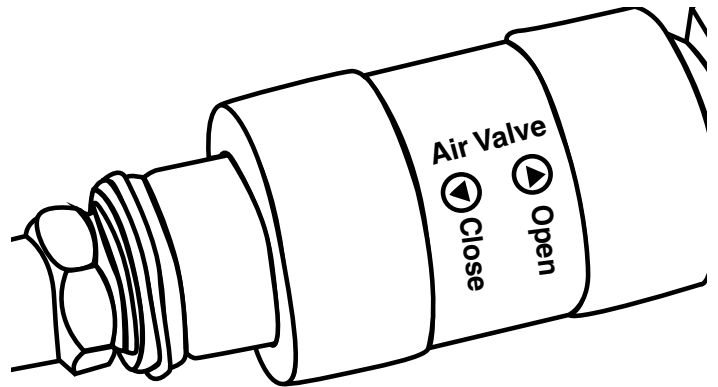
SET-UP & CARE INSTRUCTIONS

DEFLATING INSTRUCTIONS

3

Make sure all of your hoses are attached to your tires

When deflating, move the Air Valve Up in order to release the air from your tires



Your manifold will display a live reading of the air in the tires and will also show excess air in the hoses.



Quick Flate Inflation & Deflation System

SET-UP & CARE INSTRUCTIONS

CLEANING

Disconnect Before Cleaning – Always turn off the compressor and release pressure before wiping down or cleaning the splitter.

Wipe After Use – Use a clean, dry cloth to wipe away dust, oil, or moisture after each use to prevent buildup.

Check for Moisture – Condensation can collect inside fittings; use an air tool oil or moisture filter on your compressor line to keep the splitter dry.

Inspect Fittings Regularly – Look for dirt or debris inside couplers and ports; clean with a soft brush or compressed air if clogged.

Avoid Harsh Chemicals – Do not use solvents or corrosive cleaners—stick to mild soap and water if needed, then dry thoroughly.

Lubricate Couplers – Apply a small amount of air tool oil to moving parts of quick-connect couplers to keep them sealing smoothly.

Check for Rust – If you see signs of rust, clean with a non-abrasive cloth and apply a light protective oil film to metal surfaces.

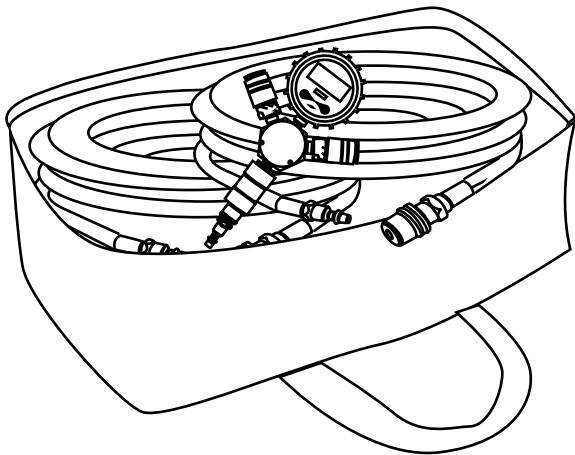
Store Properly – Keep the splitter in a clean, dry place when not in use; avoid leaving it connected to pressurized hoses for long periods.

Cap Unused Ports – Use dust caps or plugs on unused outlets to prevent dirt or metal shavings from entering.

Inspect Seals & O-Rings – Clean and replace worn or cracked seals to maintain an airtight connection.

STORING

Make sure to roll up and neatly pack the Quick Flate System with the provided velcro straps.



WARNINGS

- **Maximum Pressure** – Do not exceed the rated PSI of the splitter or connected tools. Over-pressurization may cause damage or injury.
- **Secure Connections** – Ensure all hoses and fittings are tightly secured before use to prevent air leaks or hose whipping.
- **Use Compatible Equipment** – Only connect air tools and hoses rated for the same or higher pressure as the compressor and splitter.
- **Avoid Overloading** – Splitting air supply may reduce available pressure; avoid running tools that exceed compressor capacity.
- **Check for Leaks** – Regularly inspect hoses, couplers, and splitter for leaks or damage before operation.
- **Do Not Modify** – Do not alter the splitter or fittings; modifications may cause failure or void warranties.
- **Disconnect Safely** – Always shut off air supply and release pressure before disconnecting hoses or moving the splitter.
- **Protective Gear** – Wear safety glasses and hearing protection when operating air tools.
- **Avoid Kinking Hoses** – Kinked hoses can cause pressure buildup, leaks, or sudden bursts.
- **Environment Safety** – Do not use in wet or explosive environments; air pressure can create sparks with some tools.
- **Temperature Warning** – Hoses and fittings may become hot during extended use—allow cooling before handling.
- **Children & Untrained Users** – Keep out of reach of children and do not allow untrained persons to operate.



DO YOU NEED OUR HELP?



CUSTOMER SUPPORT 833-226-4863



SALES@OVERLANDVEHICLESYSTEMS.COM

**WANT TO SHOW US YOUR RIG?
CHECK OUT OUR SOCIAL!**

@overlandvehiclesystems

