

Fits all 16", 16½" and 19½" dual wheels

For wheels with factory rubber valve stems, Wheel Masters suggests using a rubber valve stem support (part number 8029VS) for added strength.

Installation instructions

1. Install the attachment brackets. Depending on whether or not the wheels have axle covers, you will use either an "L" bracket (step 1a) or a flat bracket (step 1b).

1a. **For dual wheels with axle covers** — install the "L" brackets...

Remove the axle covers.

Wheel Masters axle covers have pre-drilled holes for the "L" brackets. For other manufacturers' axle covers, first drill the attachment holes — using one of the "L" brackets as a template, mark (three inches from the top of the axle cover) and drill two 1/8" holes through the axle cover.



Figure 1

Then drill two more 1/8" holes directly opposite the first two.

Using the 1/8" holes as attachment points, pop-rievet two of the "L" brackets to the outside of the axle cover (Figure 1). Repeat for the other wheel.



Figure 2

1b. **For dual wheels without axle covers** — install the flat brackets...

At each wheel, remove two opposing axle housing bolts, insert one of the flat brackets (Figure 2) through them, then reinsert the bolts so that the 1/4" holes in the brackets point to the outside.

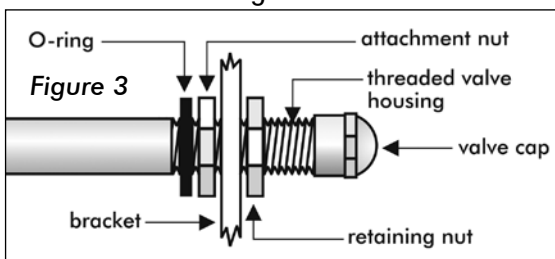


Figure 3

2. Attach one of the straight hose extenders to the inside valve stem of one of the wheels. Be careful not to cross-thread the fittings.

3. At the end of the straight hose extender, loosen the attachment nut (Figure 3) until it is about halfway up the threaded valve housing (Figure 3).

4. Slowly turn the threaded valve housing clockwise. When air begins to escape, quickly turn the threaded valve housing counterclockwise until no air escapes.

5. Then turn the threaded valve housing an additional three quarters of a turn counterclockwise.

6. Hold the threaded valve housing at this position, and thread the attachment nut down, as far as it can go. Applying moderate pressure, tighten the nut with a wrench.

CAUTION

Do not allow the threaded valve housing to turn as you tighten the attachment nut. If the housing moves, the dual tire inflators will not function.

7. Attach the other straight hose extender to the other wheel by repeating steps two through six.

8. Attach one of the angled hose extenders to the outside valve stem of each wheel. Check for air leaks with soapy water at both valve cores before continuing.

9. Make certain that both inflators are properly installed — check the extenders with an air chuck to make certain air is entering the hose. If air cannot enter the hose, you must readjust the valve housing(s).

10. Attach both angled hose extenders to the brackets with the retaining nuts (Figure 3), then attach the valve caps (Figure 3).

WARNING

Install and adjust the dual tire inflators as described above. Improper installation or adjustment may cause a slow leak at the fitting. In addition to excessive tire wear or damage, the resulting loss of air pressure may cause a loss of vehicular control.

Failure to follow these instructions may cause property damage, personal injury or even death.

Safe travel begins with safe tires, which means regularly checking tire pressure. One out of four passenger cars, on average, is being driven with under-inflated tires.

Easy to install, with no special tools required, the hoses attach to your existing valve stem (no need to remove the valve core), allowing proper inflation and pressure checks in seconds. Each kit comes complete with everything you need for the specific wheel application. These heavy duty extenders are constructed of high quality two-ply rubber tubing and reinforced with stainless steel braided hose wrap.

Airless extenders contain zero internal pressure so they can't leak even if cut or damaged. The interior of the hoses does not contain air unless the adjustable core actuator within the hose is engaged when checking and inflating tires.

W.M. #80012

Patent #4,807,658 and D302,145

One year limited warranty, to repair or replace only.



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