

# Now What? Tire Changing Tips

By Mike Zimmermann

## Have the right tools.



## Tools You WILL Need

Gloves – important

Kneeling pad or blanket

Bottle Jack – At least 4 Ton

Deep well socket - might need thin-walled to fit around lug nuts

Breaker Bar, (Socket Wrench without ratchet) at least 18' long

4' extension for sockets (anti knuckle-buster)

Long "cheater bar" – 24" steel pipe threaded on both ends, that fits the bottle jack pump. an adaptor to a threaded pipe that fits over the torque wrench handle

Toque Wrench – :Learn how to adjust it. Release tension after use.

#### So you have a flat, what now?

Single Axle – get as far off the road as possible

Double Axle – drive slowly, flashers on, on 3 tires to a level place, or a nearby town where the tire can be changed.

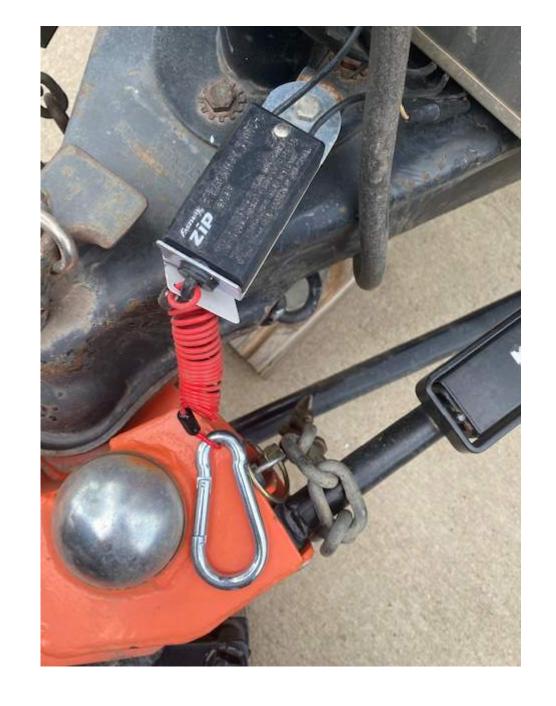
AFTER LOOSENING LUG NUTS Build a ramp with levelers to lift the flat off the road.



### Loosening lug nuts

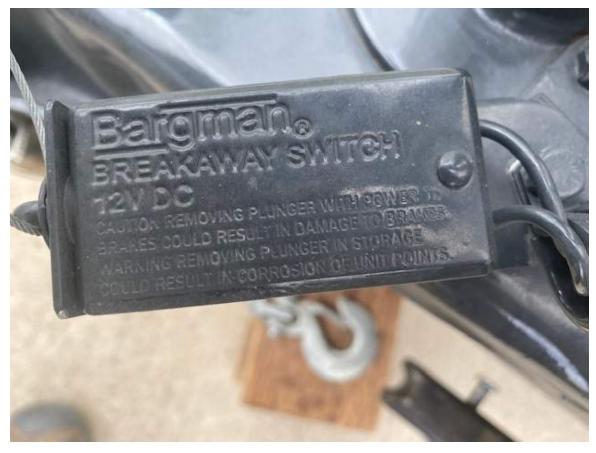
Do this while there is weight on the tire, **before** you jack it up, or it will spin.

If you forget, to stop spin pull brake-away switch / pin.



### Breakaway Switch – should be replaced every 3-5 years





A long "Cheater Bar" adds leverage when loosening lug nuts.





### Where's your jack?

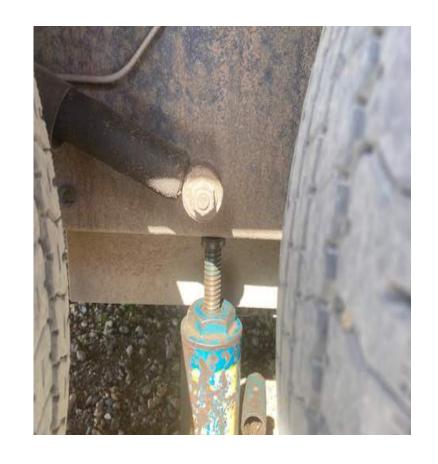
Know where your jack is BEFORE you need it.

Be sure you have a jack that's strong enough to lift your trailer. Bottle Jacks are available in several weights. 30' Airstream – 4 ton jack.

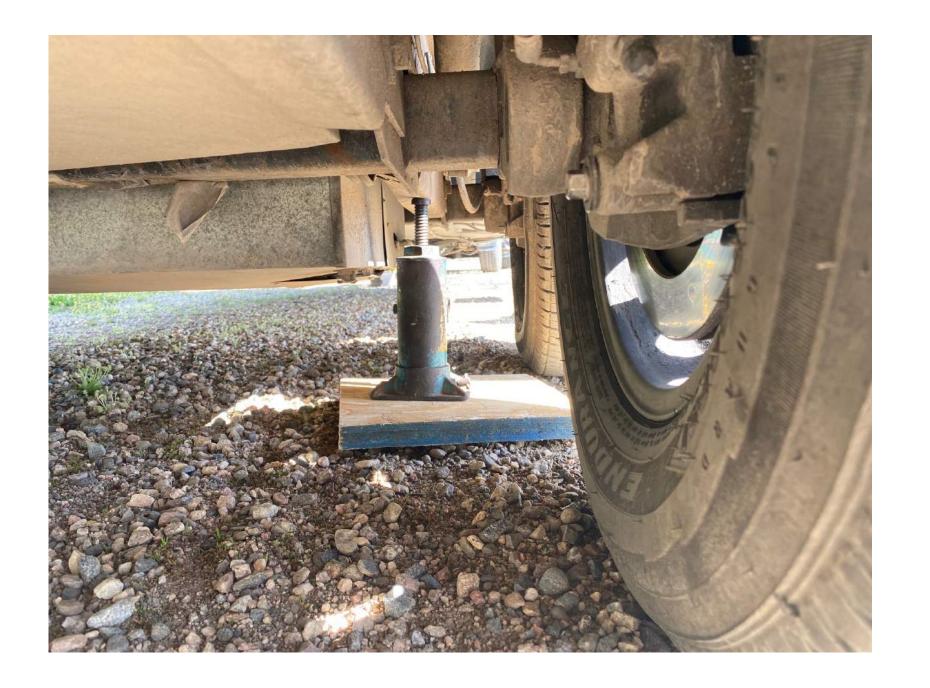


# Where to put the jack? Duel Axle

## ON THE FRAME, NOT ON THE AXLE











### Where to put the jack?

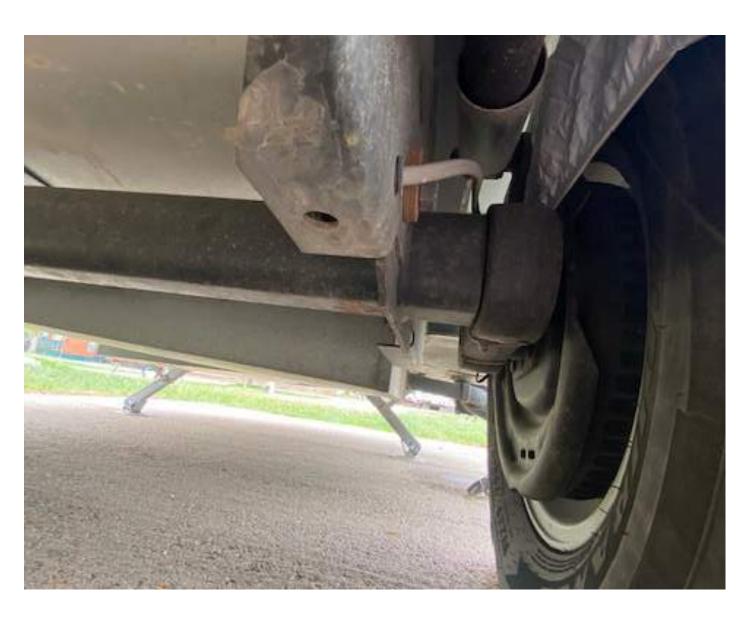
ON THE FRAME,

NOT ON THE AXLE



### Single Axle Jack Placement - ON THE FRAME, NOT ON THE AXLE





Where NOT to put the jack?

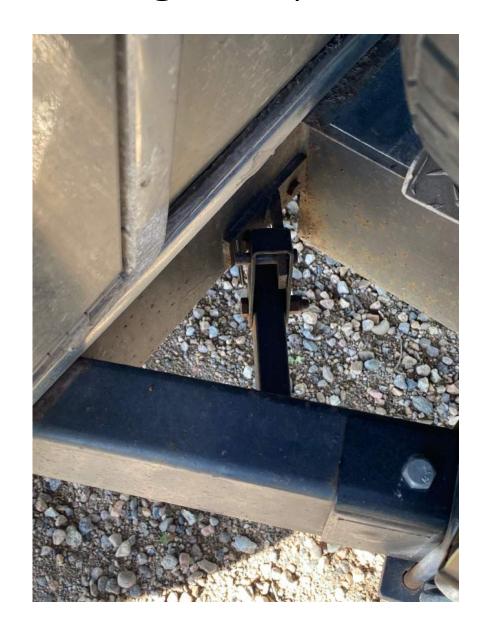


### Where is the spare? Under the front of your trailer.





## Lowering the spare tire – your Airstream may differ





How a small person can lift a heavy tire. Use leverage. Elbows on your knees. Lift your knees to lift the tire.





TIGHTEN lug nuts on opposing sides of the pattern.

12 o'clock,6 o'clock,3 o'clock9 o'clock

If the wheel spins, use the breakaway switch to lock the wheel.



Torque your lug nuts to 110 foot pounds with the torque wrench. Re-torque after 50-100 miles. When storing the torque wrench reset it to "0" foot pounds.

