

# Trailer Airbrake Assistant

## For more information:

**Agency:** Webster County  
Secondary Roads Department

**Name:** Jamie Johll

**Phone:** (515) 574-3729

**Email:**  
jjohll@webstercountya.org



## What was the challenge you set out to solve?

The problem was not having a truck on hand to move air-brake equipped trailers in and out of the maintenance shop.

## How did you develop and implement your solution?

Air-brakes immobilize the trailer wheels when not connected to a truck. Our mechanics built this forklift attachment to pressurize the trailer's air-brakes thereby allowing us to move the trailers in and out of the shop when a truck is not available.

## What did it take to make this solution a reality?

The parts cost about \$400.00. Sand blasting and powder coating cost \$235.00. Total cost was \$635.00.

## What was the impact and results of your efforts?

Our shop is much more efficient now that they can move trailers without waiting for a truck to become available. The trailers are also easier to maneuver in tight spaces using a forklift versus using a truck.

Video Link:

<https://vimeo.com/529011039/b56cd855cf>

