

9.1 Trailer Leaf Spring

Notes for Roadside Trailer Leaf Spring Replacement

Trailer leaf springs are very durable and rarely break. When they do fail it is usually not at or near the shop. This guide tells you how to **temporarily** repair the problem. This is NOT considered a permanent fix and should only be done to get your trailer back to the shop or a repair facility.

Equipment Needed

- A tire jack
- Something to block the trailer tires
- Assortment of 2X4 and 4X4 blocks
- 3 nylon straps with ratchets

- 1) Block the tires on the opposite side of the trailer from where the leaf spring broke.
- 2) Use a jack to raise the trailer past its normal height.
 - a) Place the jack behind the wheel with the broken spring
 - b) Make sure that you are using the jack on the trailer and not the axel
- 3) Place blocks of 2X4s and 4X4s between the axle and the trailer frame
 - a) Use enough “filler” material to ensure that the tire does not rub on the bottom side of the fender.
- 4) Gently disengage the jack until the trailer is resting on the filler material and the axle
- 5) Run a nylon strap in a loop from beneath the axle to up around the frame where the tire is and ratchet it tight.
- 6) Run another nylon strap from the axle to the front brace of the trailer.
- 7) Run the third nylon strap from the axle to the back brace of the trailer.
- 8) Tighten the forward and back straps until the axle is straight (perpendicular to the trailer). All three straps should be as tight as possible.
- 9) Secure any loose ends from the straps.
- 10) Drive slowly and carefully back to get the repair done.

