



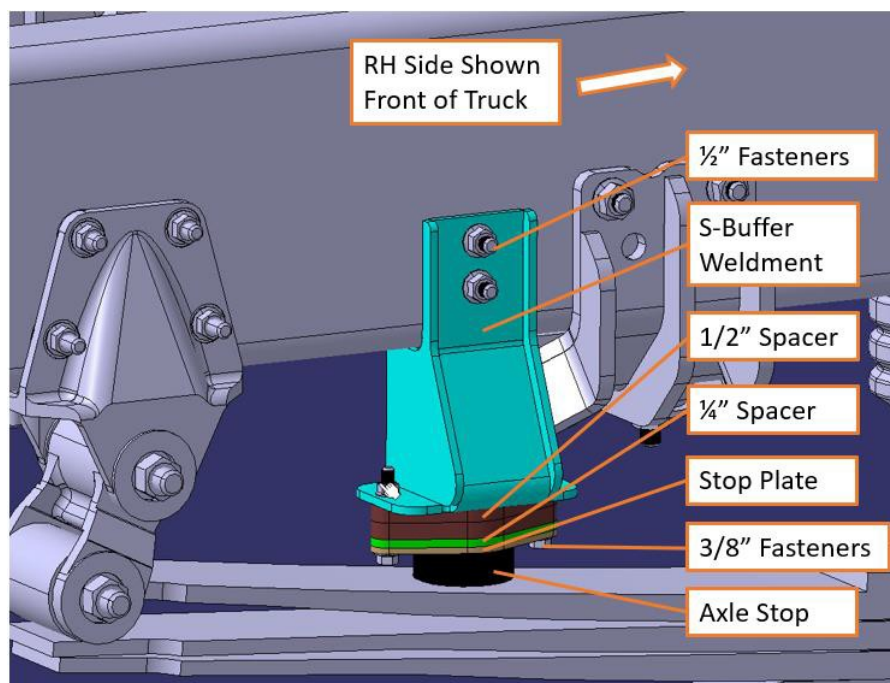
# 2018-2019 Pierce Engines S-Buffer Inspection for Stations

December 19, 2019

## Inspection Procedure:

### Daily:

1. Inspect for loose hardware of the S-Buffer Assembly.
2. Inspect welds and surrounding metal of the S-Buffer Assembly for cracks.
3. Look for signs of failure or tearing of the Rubber Axle Stop.
  - If cracks are found in the metal of the S-Buffer, or if loose hardware is found, submit a defect report.
  - If the Rubber Axle Stop has surface cracks, submit a defect report.
  - If the Rubber Axle Stop is missing, failed, or torn, the truck should be placed out of service and the Rubber Axle Stop replaced. Physical inspection of spring for mechanical damage should take place.





# 2018-2019 Pierce Engines S-Buffer Inspection for Stations

December 19, 2019

## Monthly:

1. Complete the daily inspection and;
2. Park loaded vehicle (with water, foam, equipment) on **flat level ground with wheels pointed straight**. Ensure parking brake is applied and wheels are chocked.
3. Inspect gap between Rubber Axle Stop and spring.
  - If the gap between Rubber Axle Stop and spring is larger than  $\frac{1}{2}$ " , drive cautiously around parking lot, re-position on flat level ground with wheels straight and measure the gap. If greater than  $\frac{1}{2}$ " place the vehicle out of service and contact CMF.
  - If the gap is less than  $\frac{1}{16}$ " or the Rubber Axle Stop is touching, drive cautiously around parking lot, re-position on flat level ground with wheels straight and measure the gap. If the gap remains less than  $\frac{1}{16}$ " submit a defect report. NOTE: This condition is **not** an immediate out of service condition.

