



# TRAIL KING Industries, Inc.

---

1200 Gehl Drive  
Yankton, SD 57078  
Phone: (605) 665-8415  
Fax: (605) 665-0810

2200 S. Ohlman Rd  
Mitchell, SD 57301-7064  
Phone: (800) 843-3324  
Fax: (605) 995-3749

2130 3<sup>rd</sup> Ave NW  
West Fargo, ND 58078  
Phone: (800) 762-5557  
Fax: (701) 282-3039

300 E. Norway Avenue  
Mitchell, SD 57301-7064  
Phone: (800) 843-3324  
Fax: (605) 996-4727

## TECHNICAL SERVICE BULLETIN

**DATE: 8/17/2020**

**TSB # TSB202003**

**RE: SA Hydraulic Valve Spacers**

**Model: TK80SA & TK110SA**

**Model Years: 2014-2021**

**Production Build Dates: January 2014 – July 2020**

**We have identified that in certain environments using ice control chemicals on the roads during winter months may lead to corrosion on the bottom of the hydraulic valve body, this could create a hydraulic leak.**

**The repair will take approximately 1 hour to install spacers to raise the valve up off the mounting plate. Trail King will supply the spacers, hardware and allow one hour of labor for the repair.**

**Contact Trail King Open Deck Customer Service for authorization for repair. Open Deck Customer Service can be reached at 1-800-843-3324**

**Please see the Technical Service Bulletin attached for the instructions for the repair.**

**Ty Hanten**

**Director of Quality  
Trail King Industries Inc.  
Mitchell, SD 57301**

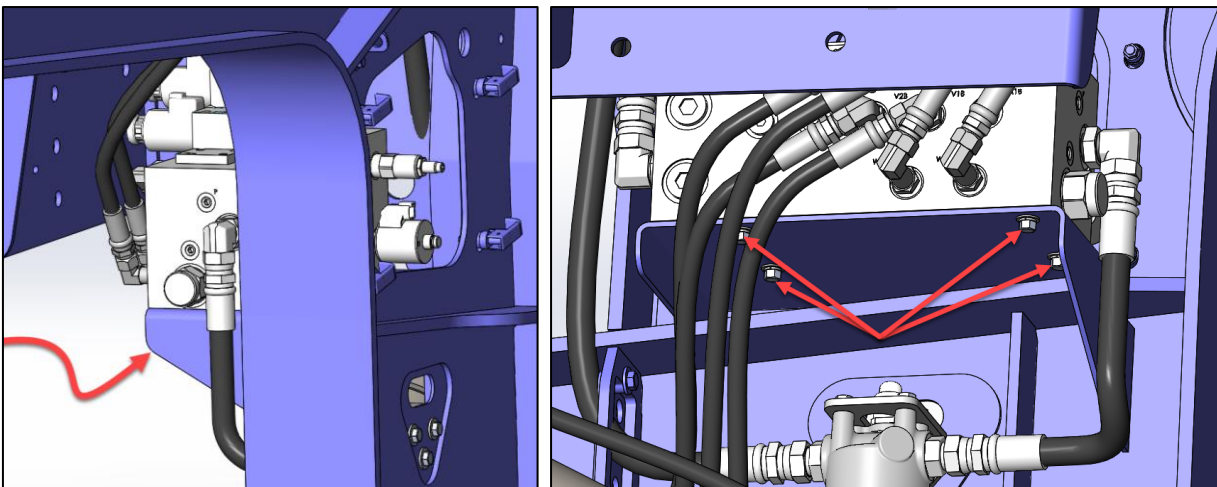
Below are the instructions for adding puck spacers to the bottom of the manifolds on a Sliding Axle Trailer. (Repair should take approximately 1 hour).

Tools required: Pry bar, 9/16" ratchet, 9/16" socket, and 9/16" wrench (impact).

Begin with removing the covers on the outside, driver's side of the trailer as shown below.



Using caution, use the hand ratchet to remove the set of 4 bolts that hold the manifold in place. These are found on the bottom side of the mounting plate, see location below. **\*Note: These bolts may be corroded with time, carefully remove to not break them off inside the valve body.**



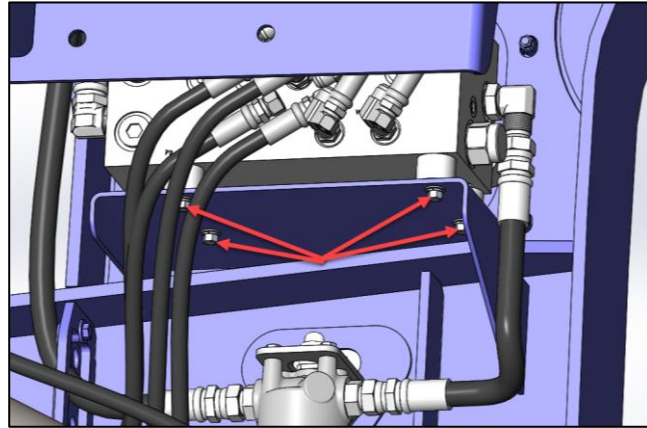
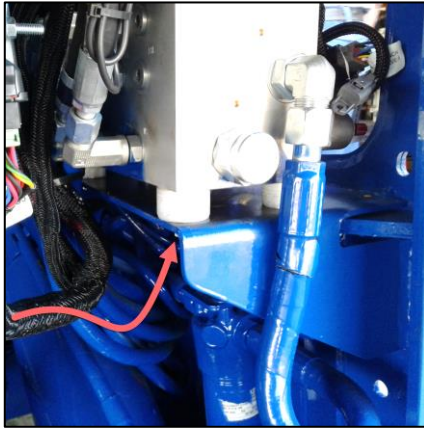
Inspect the bottom of the valve body by prying up to check for corrosion on the manifold. If corrosion is present, clean the surface area of the manifold as best as possible. Spray a corrosion inhibitor to the exposed mounting plate and the bottom of the manifold. Use a corrosion inhibitor like shown below or something similar.



With bolts removed, use pry bar to lift the manifold off of the mounting plate. Insert part number 100332071 spacers between the manifold and plate as shown below.



Install new 3/8"-16 x 2" G5 bolts, lock washer, and flat washer in place of bolts removed to separate the manifold from the plate. (Bolt = 727008200, lock washer = 727508000, flat washer = 727408000)



Reinstall covers that were removed at the beginning on the outside, driver's side of the trailer as shown below.

