



# RECALL

## R20AP: Hydraulic Brake Units With Orscheln Foot Pedal Park Brake Assembly

**Models Affected:** 2020-2021 Certain Vision, TX4, and All Americans with Hydraulic Brake Units With Orscheln Foot Pedal Park Brake Assembly

**Issue:** Foot park brake tension may not be set correctly.

**Corrective Action:** Adjust park brake cable to correct dimension

**WARNING:** Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures.

Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

**NOTE:** Setting is for a park brake with no wear, as designed.

### Inspection:

1. Be sure cable saddle is set in 3<sup>rd</sup> set of holes in mounting bracket. (Detail 1)
  - a. If not loosen with a 9/16" wrench and socket. Once you remove fasteners move saddle to correct location. Torque fasteners to 45ft-lbs.
2. Ensure the cable and saddle have a tolerance of no more than 3/32 acceptable gap. Photo 1
3. Using a tape measure check the dimension between the cable jam nut and retention spring washer. (Detail 1)
  - a. BBCV, TX4, and All American with Allison trans 1.55"-1.9"
  - b. BBCV Ford trans 1.35"-1.7"
4. If measurements are correct, no further work is necessary.
5. If measurements are out of spec, continue with Step 6 in instructions.

### Adjustment Instructions:

6. **Ensure wheels are chocked.** Release parking brake and remove cotter pin and clevis pin at bell crank to relieve cable.
7. Be sure cable saddle is set in 3<sup>rd</sup> set of holes in mounting bracket. (Detail 1)
8. Ensure the cable is tight with no gap at cable saddle. (Photo 1)
9. Check slack in cable by pulling down on cable below pedal.
  - a. Check visually and physically that the cable is seated at the pedal clevis.
10. Pull slack out of bell crank and any downstream linkage by pushing bell crank forward until you feel shoes contact drum.
11. Screw cable end yoke forward or rearward so the yoke eye aligns with hole in bell crank. (Photo 2)
  - a. Do not engage parking brake by pushing bell crank too far forward.
  - b. Only push until initial resistance is felt.



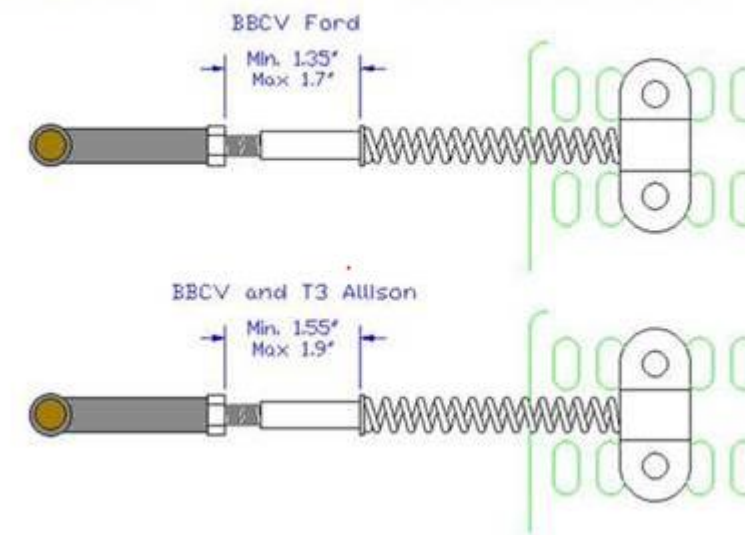
Photo 1



Photo 2

12. Install the clevis pin with a cotter pin through yoke and tighten down the jam nut on cable.
13. Using a tape measure check the dimension between the cable jam nut and retention spring washer. (Detail 1)
  - a. BBCV, TX4, and All American with Allison trans 1.55"-1.9"
  - b. BBCV Ford trans 1.35"-1.7"
14. Once work has been completed apply parking brake. Return unit back to service.

Hydraulic Park Brake cable setting  
Washer to nut measurements



Detail 1