



RECALL

R20AW Drag Link Castle Nut Torque

Models Affected: Certain Model Year 2019 - 2021 Vision buses.

Issue: The castle nuts on both ends of the drag link assembly may not have been installed according to manufacturer's installation specifications.

Corrective Action: Verify the castle nuts on both ends of the drag link assembly are torqued properly.

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.

Inspection:

1. Check the taper stud joint at both ends of the drag link to ensure the joint is tight. This can be completed by applying both vertical and horizontal pressure to the drag link. (Push and Pull) **No movement is allowed.**
2. If movement is found, the drag link will need to be removed for inspection of the machined surfaces and stud threads. No wear or oblong hole is allowed.
3. Replace any components that are found to be worn or damaged.
4. If the taper joints are tight move to step (1) of the instructions.

Instructions:

1. Park bus on a level surface, apply parking brake, switch engine off, remove ignition key and chock wheels.
2. Remove cotter pin from ball stud on forward (pitman arm) end of drag link. (Fig. 1)
3. Torque castle nut on drag link ball stud to 120 ft-lbs.
4. Remove cotter pin from ball stud on aft (steer arm) end of drag link. (Fig. 1)
5. Torque castle nut on drag link ball stud to 120 ft-lbs.
6. Install cotter pins.
7. If castle nut slot for cotter pin does not line up with through hole in each ball stud, tighten castle nut until next slot aligns with through hole. Install cotter pin and bend-over pin tails. **WARNING: Do NOT loosen castle nut to line up slot with through hole in ball stud. Always tighten castle nut to align slot with through hole.**

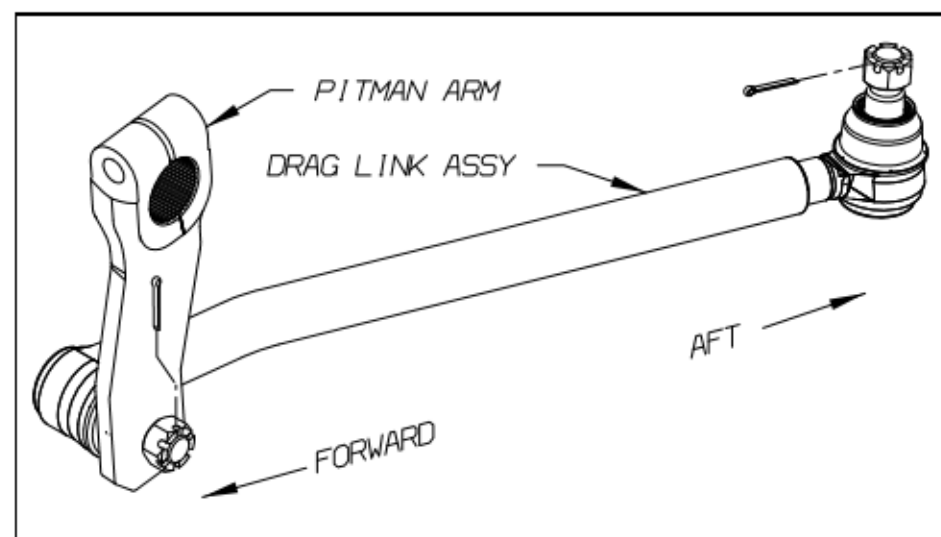


Fig. 1