



STAR ONLINE PUBLICATION



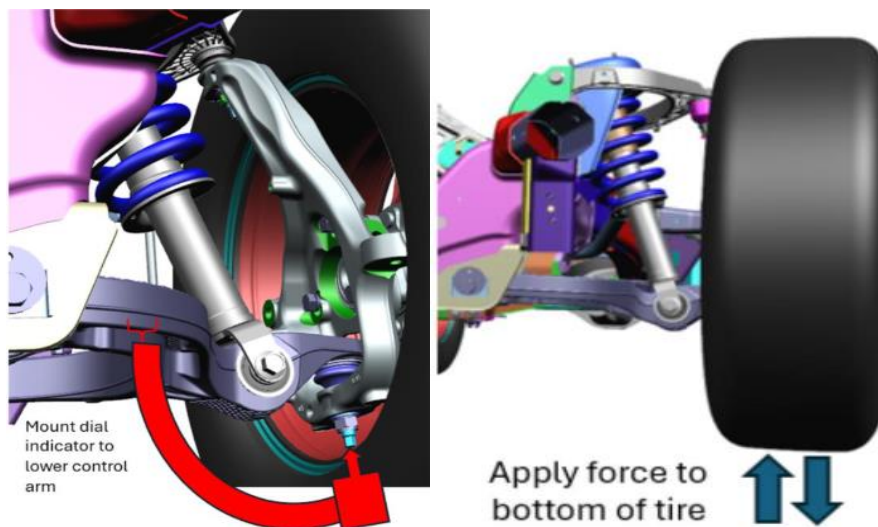
Case Number: S2502000001

Release Date: December 2025

Symptom/Vehicle Issue: Lower Ball Joint / Lower Control Arm Servicing Updates.

Discussion: Service Library service information is in process of being updated. The new steps simplify inspection of the lower ball joint and checking ball joint end play. Please see the below to become familiar with the new procedure.

The new process includes hoisting the vehicle with the tires off the ground. Leave the wheel/tire assembly on the truck. **Installing the dial indicator is unchanged.** Using a clamp on (locking plier or c clamp style) dial indicator with a lockable flex arm locked to prevent false movement, clamp the dial indicator to the lower control arm and place the plunger against the lower ball joint stud (stud, nut or nut flange are ok) in line with the ball joint stud. **Do NOT use a prybar to take the measurement.** Instead, push/pull on the bottom of the tire by hand with the vehicle raised. Only replace the control arm if ball joint play exceeds .020" or 0.5mm, and ensure the measurement is not a result of vehicle shaking on the lift.



This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.