



STAR ONLINE PUBLICATION



Case Number: S2123000046 Rev. B

Release Date: August 2024

Symptom/Vehicle Issue: Click Noise From Front End While Driving And Or Turning.

Customer Complaint/Technician Observation: Noise heard from front of vehicle on rough road or turning the steering wheel. Noise may be described as an audible click or tick noise.

Discussion: As part of diagnostics, perform a walk around and visual inspection. Inspect components for proper routing such as hoses or shields. Inspect fastener torque on all suspension and axle. When performing a torque audit on the front lower ball joint castle nuts - please follow the procedure below.

Front Lower Ball Joint Torque Procedure:

Note >>> Removal of the wheel/tire is not necessary for this procedure.

1. Remove the cotter pin from the lower ball joint.
2. **Note >>> Prior to repair, using a torque wrench, verify and document the current torque (torque to tighten) of the castle nut the repair order.**
3. Torque lower ball joint to Torque Specifications in Service Library
Refer to Service Library; 02 - Front Suspension / Front / Technical Specifications
TORQUE SPECIFICATIONS.
4. Advance castle nut to next available castellation in the tightening direction and install new cotter pin.
5. Repeat for the other side.

Confirm the click condition is gone with same driving procedure that caused the complaint.

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 or eCONTACT ticket if no solution is found