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Symptom/Vehicle Issue: Creak Noise From Front Of Vehicle

Customer Complaint/Technician Observation: Under body twist conditions like entering a sloped driveway or uneven road surface a creak flex noise may be heard from the front end of the vehicle. Noise may also be heard when turning the steering wheel back and forth.

Discussion: Use of chassis ears can help isolate noise area. If the noise is identified from the upper fender/load beam area perform the inspection below.



Fig 1

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



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If the noise is in the area of the identified area in fig 1, inspect the laminated sheet metal and the spot welds. If the laminated area has gaps in the layers the metal can flex causing a creak noise. The layers should be clamped tight with no gaps. It may be necessary to drill out the spot welds using a spot weld cutter, tightly clamp and perform rosette welds to secure the lamination joint. Following any metal work or welding, proper corrosion coating and paint application is required. If your facility does not perform body repairs a body specialty collision repair shop can be consulted.



Note screws are used to maintain part to part alignment while welding work is performed.

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Side view of prior image

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