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Coding Information

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Title: Complaint of a new chassis with a frame bow

Applies To: All chassis, equipped with "dogbone" style crossmembers

DESCRIPTION

The appearance of a bent frame rail, or side swayed rails on new units.

SYMPTOMS

- Complaint of a new chassis with a frame bow, sometimes noted as bent frame rails, sides swayed, or rainbowed as viewed from the rear of the frame.

RESOLUTION

The repair for this condition is generally quite simple and should not need to be sent to a frame shop. Beginning at the back of the cab there is a crossmember under the cab which is bolted together, loosen these bolts (remember at no time during this repair should the Huck fasteners be removed from the frame rails themselves), from the back of the cab work your way toward the rear of the chassis, remove any Huck fasteners that sandwich two "dogbone" style crossmembers together, and loosen all suspension crossmembers that are assembled – it is quite common at this point to hear the frame snap back straight. If the frame snaps into place and is straight then retorque all the bolts and install Huck fasteners on the double dogbone crossmembers if Hucks are available. **If the frame does not snap completely into place then some side pressure can be applied, or sometimes some twists and turns in the parking lot will be necessary.** All steps should be carefully documented and contact tech service if this does not bring the frame rail back into an acceptable position.

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