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Coding Information

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Title: Brake Noise, Squeal or Chatter
Applies To: All

DESCRIPTION

Trucks that exhibit any type of brake squeal or chatter will need to perform the following procedure after lining condition, wear, component lubrication, fastener torque (spider to flange and spider to cam tube) cam bushing wear and end play have been verified.

1. Check and adjust brakes using the attached adjustment worksheet [Brake Adjustment](#)
2. Perform a normal 5 mile test drive. After 5 miles, while driving the truck at 20 MPH apply the brakes to reduce speed at appx 10 feet per second to 5 MPH. Perform this 15 times at regular intervals of 500 feet (.1 miles). Do this without stopping the vehicle.
3. After the 15 decels above make 1 complete stop from 20 MPH to 0 MPH.
4. Check the drum temperatures immediately after this Burnishing procedure using an infrared thermometer. Any drums that are cooler by 50 degree from side to side or 100 degrees front to rear indicate a possible lack of brake effort on those wheels. Check brake adjustment again re-run the burnishing procedure.

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