



SSM 53231 2024 F-Super Duty - Non-Tremor - 4WD - Rotational Grinding Noise From Front Axle Area

Some 2024 F-Super Duty non-Tremor vehicles equipped with four-wheel drive (4WD) may exhibit a slight rotational grinding noise from the front axle while driving in two-wheel drive (2WD). If the noise does not occur with the vehicle driven in 4WD, this may be due to the non-selectable right side hublock on the front axle. To correct the condition, replace the right front hublock with a selectable hublock, service part number PC3Z-3B396-A. Refer to Workshop Manual (WSM), Section 307-07A. Vacuum lines with service base part numbers 3C125 and/or 3C124 may need to be installed if not present on the vehicle. Refer to the parts catalog. Vacuum line HC3Z-3C124-B may need to be ordered if the existing line does not extend to the right side wheel knuckle. Suspension modifications may contribute to the concern. Inspect the vehicle for aftermarket levelling or lift kits as well as aftermarket caster/camber adjusting sleeves. If any vehicle modifications are present, this is not a warrantable repair. Do not submit a claim. Use the "Submit Global Concern Report (GCR)" link at the upper right of the OASIS report to submit a report detailing the presence or lack of aftermarket equipment with photos attached to the report. Reference this article by number in the text of the report.