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Service Tips and Best Practices

"Ticking" Sound After Front Wheel End Repair – BMW 2/3/4 F-Chassis Vehicles

Brand	Supreme	Product	Wheel Hub Assemblies	Date	July 2021
Part Number(s)	Various				

After completing a front wheel end repair on the application(s) below, such as a wheel bearing and/or wheel hub assembly, the Professional Technician may notice an audible "click" or metallic "ticking" sound from the wheel area when accelerating the vehicle from a complete stop or performing low-speed maneuvers.

Application(s)		
BMW	2 Series Coupe	F22
BMW	2 Series Convertible	F23
BMW	3 Series Sedan	F30
BMW	3 Series Sport Wagon	F31
BMW	4 Series Coupe	F32
BMW	4 Series Convertible	F33
BMW	3 Series GT	F34
BMW	4 Series Gran Coupe	F36

Before declaring the new replacement part defective, refer to BMW TSB SI B34 08 14.

The manufacturer suggests sanding the front brake disc to hub mating surface. Sanding should be done using 80-grit sandpaper in a radial motion, beginning with the inside surface and extending to the outside of the brake disc.

Important note: the hub side mating surface should not be sanded, only cleaned, and lubricant should not be applied to either mating surface.

Always refer to the factory service manual for correct diagnostic procedures, component removal and installation methods, as well as fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.

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