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Service Tips and Best Practices

“Click” Sound After Wheel End Repair – BMW 5/6/7/X5 F-Chassis Vehicles

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

After completing a front wheel end repair on the below noted application(s), such as a wheel bearing and or wheel hub assembly, the Professional Technician may notice an audible “click” from the same steering knuckle/CV shaft where the replacement component was installed. This “click” sound may be more pronounced when accelerating the vehicle from a complete stop or performing low-speed maneuvers. Before condemning the new replacement part as “defective”, refer to BMW TSB SI B31 01 12.

Application(s)		
BMW	7 Series Sedan	F01/F02
BMW	ActiveHybrid 7	F04
BMW	5 Series GT	F07
BMW	5 Series Sedan	F10
BMW	6 Series Convertible	F12
BMW	6 Series Coupe	F13
BMW	X5	F15

When encountering the above condition, the manufacturer suggests the use of repair kit PN# 83 19 2 298 825 to clean the mating surfaces between the steering knuckle and wheel bearing/wheel hub assembly to prevent the possible movement between surface contact areas. This movement produces the audible “click”.

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

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