

## SAFETY NOTICE

We have become aware that alternate **wheel hub and double hex bolts**, for **SAF-HOLLAND axles with INTEGRAL technology**, are now available within the Aftermarket.



Original SAF-HOLLAND INTEGRAL wheel hubs



Original SAF-HOLLAND double hex bolts

Name	Concerned wheel hubs			
Part number	03 307 2056 00	01 307 3003 10	03 307 3006 00	01 307 3006 11
	02 307 1042 00	02 307 1063 00	03 307 1159 00	02 307 1054 00
	01 307 3025 10	01 307 1055 10	01 146 2001 00	03 343 3650 00
	03 307 3043 01	03 307 3043 00	01 307 3043 10	03 307 3056 00
	03 307 3030 02	04 307 3030 01		

**Variants offered on the market are:**

### INTEGRAL replica wheel hub as a casting only:

The original SAF Holland INTEGRAL hub castings are made of a pure, high-strength ductile iron that has been tested and approved for use in this specific application. This material is specifically chosen for this application because of its durability and strength.

The alternately available, casting only solution, compromises in this area due to the selection of materials, namely the **utilization of a mix of grey cast and ductile iron. This compromise in material creates a product that is inferior to the original in both strength and performance. This can materialize in the failure of the outer bearing race sitting tight within the hub casting. This allows the outer bearing race to turn within the hub leading to complete failure of the bearing system**

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### INTEGRAL replica wheel hub with bearing and sealing system:

The original SAF-HOLLAND wheel bearing assembly has been specifically developed for our use. The corresponding sealing system and the wheel bearing grease to be used are specially adapted for the requirements of our sealing system. It is this product development and product quality that provide the reduction in whole life costs that are experienced through ownership of SAF axles and components.

The **bearings, sealing system and grease, used by third-party suppliers within their replica hub assemblies are not approved for use by SAF-HOLLAND.** Using a bearing and sealing system that is not optimally adapted can lead to excessive heat within the component, which results in the **complete failure of the wheel hub system!**



### INTEGRAL replica wheel hub with bearing and sealing system + double hex bolts:

The SAF-HOLLAND original brake disc mounting bolts are high strength 12.9 grade and DELTAPROTEKT coated. This material strength and coating are used in order to provide corrosion protection and temperature stability.

It has been found that the replica hub assemblies are providing a silver coloured bolt to a **low grade of 10.9.**



Original SAF-HOLLAND bolt grade 12.9



replica bolt with lower grade 10.9

From examination of the replica hub assemblies, apart from the considerable difference in quality of components used, nearly all the brake disc mounting holes were found to contain considerable amounts of swarf/ waste machining material.

The substantial difference in the materials of the replica hubs along, the double hex bolts' low grade of 10.9 and the swarf filled bolt holes can lead to considerable problems in the mounting of the brake disc and the use of the entire hub assembly.

**SAF-HOLLAND must therefore explicitly state that any remedial measures and product liability claims against SAF-HOLLAND shall be considered null and void under certain circumstances if these replica parts are used.**

### INDUSTRIAL PROPERTY RIGHTS NOTICE

The design of the original SAF-HOLLAND INTEGRAL wheel hub is protected with a design patent by SAF-HOLLAND. All third-party suppliers are in violation of this industrial property right, which could have the consequence that under certain conditions their customers could also be held liable to SAF-HOLLAND. For patent infringement, SAF-HOLLAND reserves the right to take legal action, claim damages and file injunctions.