

The following details
performance and safety issues
when using counterfeit products

The purpose of this series is for consumer education in order to help you determine whether your turbocharger is indeed genuine or counterfeit.

Counterfeit Turbocharger Containment Test Results



Photographs show the results of a Chinese copy turbocharger which has failed a controlled containment test at the Holset Technical Center in Huddersfield UK



Counterfeit Turbocharger Containment Test Results- non containment!



So how do I detect a counterfeit Turbocharger ?

The following outlines the main differences between genuine Holset products and counterfeit products.

MAN – Turbocharger, Turkey



Genuine Holset bar code which is placed over the data plate. This turbo H050635285 was a genuine turbo sold to MAN parts.

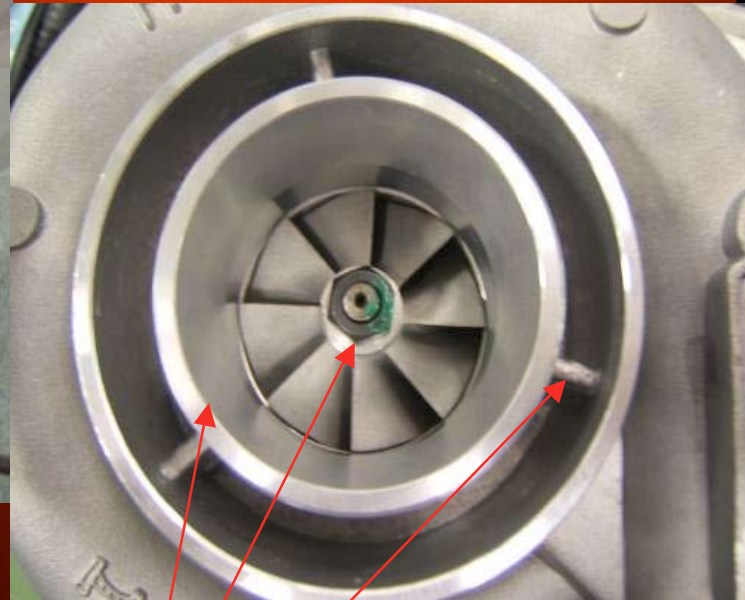
Bar code label covered the nameplate. This is a copy nameplate as all turbos manufactured in Wuxi Holset have a 'W' not a 'H' in front of the Serial Number.



HOLSET genuine turbo

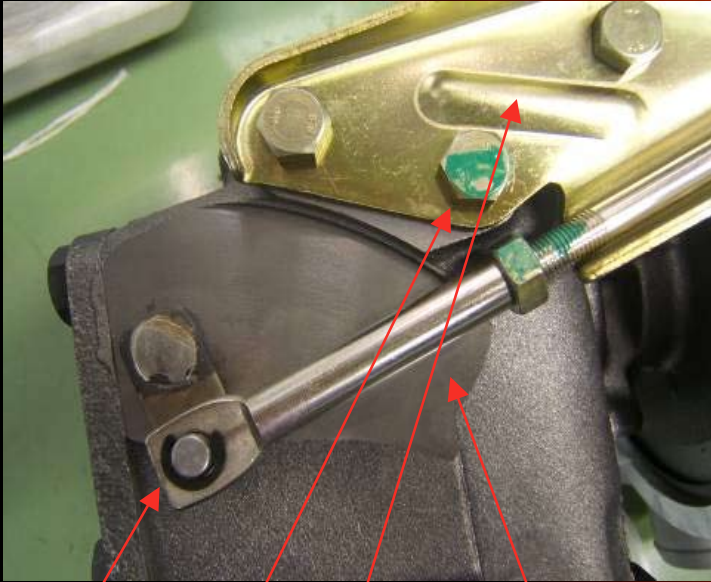


Counterfeit MAN Turbo



Counterfeit turbo – See nut, machining and the shape of the struts.

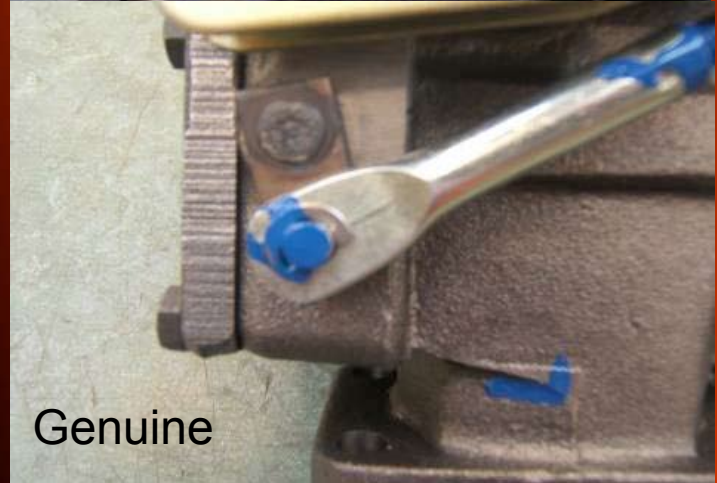
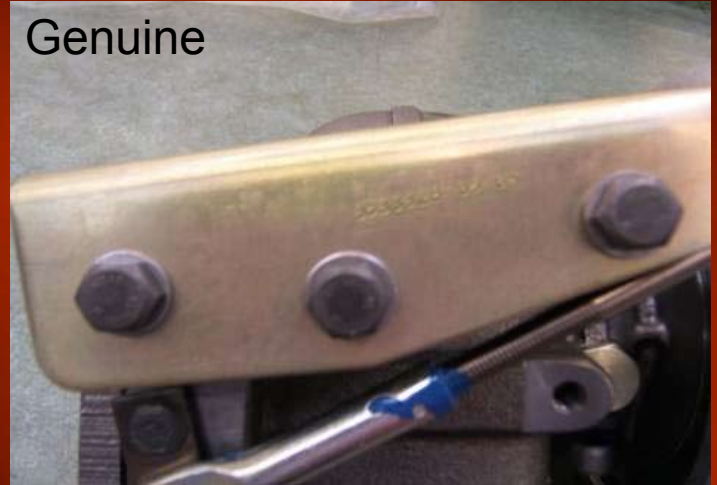
Counterfeit MAN Turbo



Copy Turbo – No washers on the screws, machining, flat on the wastegate rod.

P.S. – ignore the shape of the bracket.

Genuine



Genuine

Counterfeit MAN Turbo

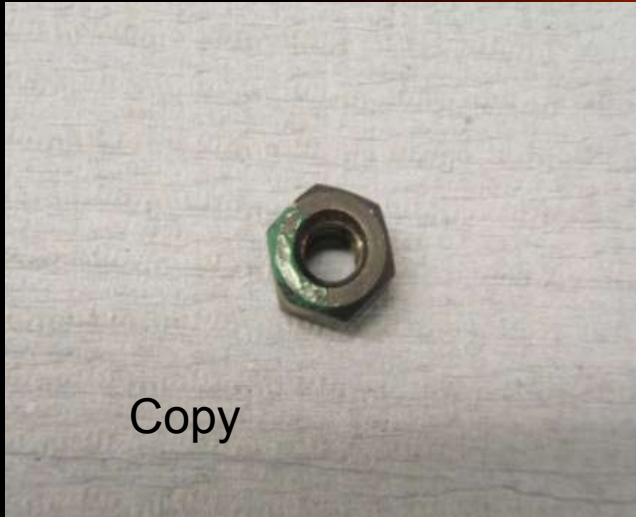


Copy turbo – Hose clip and hole in the capsule

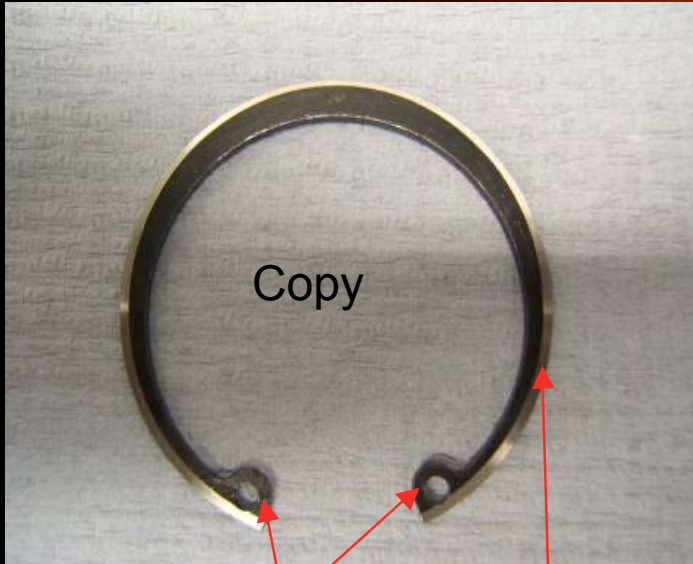
Genuine Holset turbocharger



Impeller Locknut



Oil Seal Plate Retaining Ring



Difference

Machined



Compressor Housing Retaining Ring



Copy

Genuine

Machined

Difference

Turbine Housing Screws

Genuine



Copy



If you become aware of a counterfeit turbocharger source please
contact Holset in your country by clicking on the link in the
Genuine page of this website.
(Or click here to notify Holset in your country)
Thank you.