

# CASE **STUDY**

**HAYLEY DEXIS**

**& NORBAR PROVIDE  
CUSTOM TOOL TO  
ENABLE SAFE AND  
MORE EFFECTIVE BOLT  
REPLACEMENT**

CS091



**HAYLEY**  
DEXIS

## HAYLEY DEXIS TOOLS // RAIL

Focus on **value**

# TRACK UP

### THE SITUATION

Engineers at a train depot in the South East were risking their own safety while carrying-out the time-intensive job of removing and refitting inter-car coupler mounting bolts. The method being used involved two operators pulling on a large wrench to turn a bolt with a torque value of 1050Nm, in a restricted space underneath the train. The chance of bolt slippage and injury to operators, was substantial.

### THE SOLUTION

The team from HAYLEY DEXIS | Rail worked with their torque tool partner, Norbar, to propose an entirely custom solution that would reduce the risk of injury and enable more accurate torque tightening of the critical mounting bolts. Joint visits were made to the depot, to enhance understanding of the exact requirements, before a 3D model was created to prove concept.

The custom tool concept was accepted and swiftly put into production by Norbar.

### KEY VALUE AREAS



OTHER



SERVICES

Once manufactured and upon delivery to the customer, HAYLEY DEXIS | Rail arranged for a member of Norbar's technical team to visit site and conduct a training session to educate on the use of the new tool and more generally on the importance of correct torque.

### THE RESULT

The specially-designed tool from Norbar has made a huge difference to how the task of tightening the inter-car coupler mounting bolts is carried-out. The speed at which the job can now be completed has been increased. Not only this, but the safety risks

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SAFETY RISKS  
ASSOCIATED WITH  
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”

associated with the task have been minimised, improving operator well-being.

The tool is fully-calibrated to ensure that reliable torque is applied each and every time, within the recommended 3% tolerance range.

## CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

[www.hayley-group.co.uk/branch-finder](http://www.hayley-group.co.uk/branch-finder).

### KEY BRANDS



Norbar®

### KEY SOLUTIONS

Custom Norbar torque tool.

### KEY RESULTS

Operator safety improved.

Task duration reduced.





**HAYLEY**

**DEXIS**