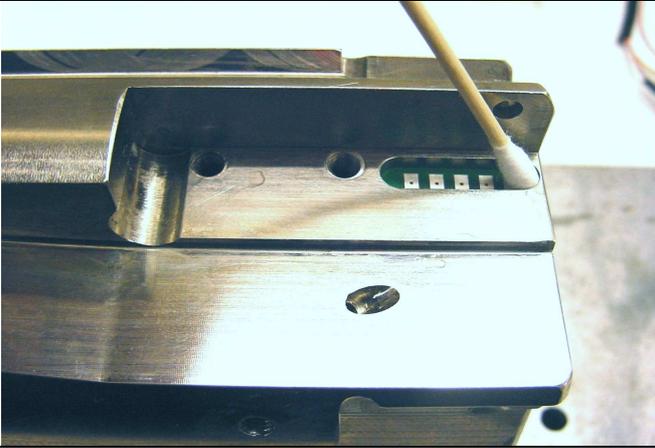
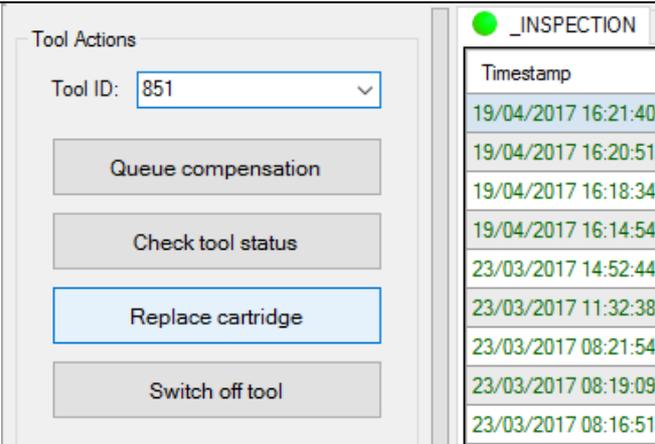
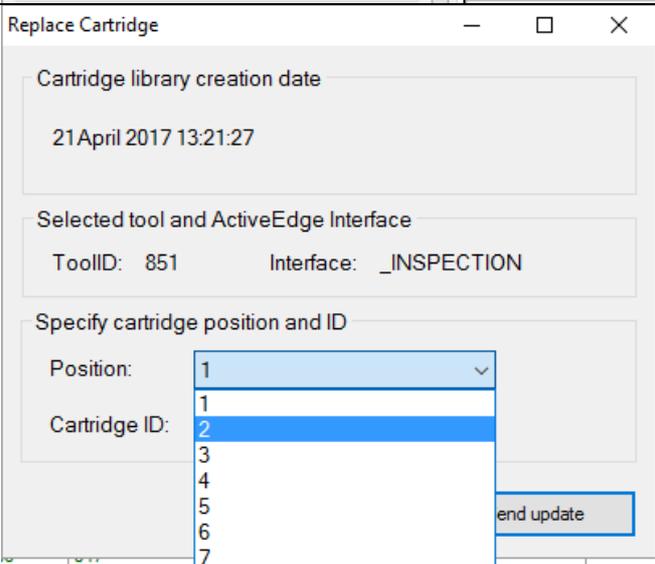
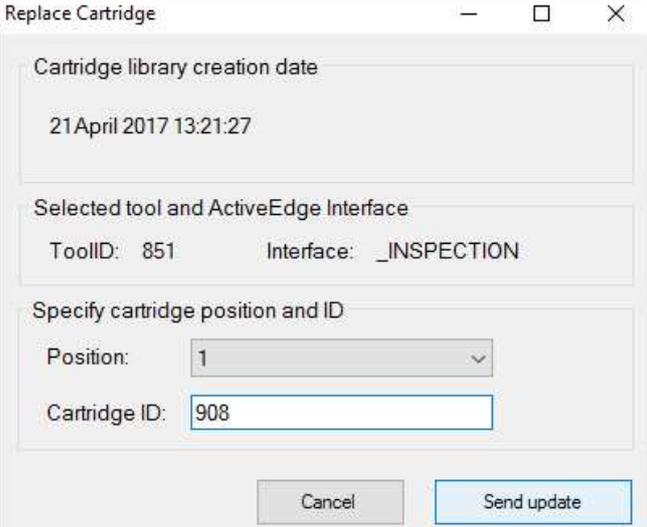


**AE014 - Cartridge Replacement Procedure**

<b>1</b>	Undo the cap head attachment screw(s) that secure the cartridge to the bar.	
<b>2</b>	Carefully remove the elastomeric strip from the cartridge pocket.	
<b>3</b>	Make sure the connector slot is clean and free from debris.  Clean the electrical contacts with a cotton bud and an alcohol-based cleaner. <b>Never use strong solvents or abrasives.</b>	
<b>4</b>	Make sure the outer cartridge pocket is completely clean.  Make sure that the elastomeric strip is clean and undamaged. Renew if in doubt. (Part No. AE-PCN01)  Fit the strip into the connector slot.	

<p><b>5</b></p>	<p>Fit the new cartridge, ensuring that it is firmly seated against all 3 qualified pocket faces.</p> <p>Re-fit the attachment screw(s). Tighten to: 5-6 Nm. (M5 screws) 3-4 Nm. (M4 screws)</p>	
<p><b>6</b></p>	<p>If the original cartridge has been re-fitted to the same pocket, perform a 'Check tool status' using ActiveNet or the Remote Control handset, after which the tool is now ready for use.</p> <p><b>If a different or repaired cartridge is being fitted to the pocket, then continue.</b></p> <p>It is important that your ActiveNet program and/or your Remote Control handset has been updated with the latest calibration data library from the Rigibore website.</p> <p>For instructions on how to do this, please refer to the section 'Updating the calibration library' on the last page of this document.</p>	
<p><b>7</b></p>	<p>Calibration data specific to the cartridge must be uploaded to the tool memory.</p> <p>Enter the Tool ID into the Tool Actions box in ActiveNet.</p> <p>Press the 'Replace cartridge' button.</p>	
<p><b>8</b></p>	<p>The correct cartridge pocket on the tool must be selected for multiple cartridge ActiveEdge tools.</p> <p>Position 1 is the pocket furthest from the tool shank.</p> <p>For tools fitted with only one AE cartridge, position 1 must always be selected.</p>	

<p><b>9</b></p>	<p>Note the cartridge serial number ID that is clearly etched on the cartridge body.</p>	
<p><b>10</b></p>	<p>Enter the cartridge serial number ID and press 'Send update'.</p> <p>ActiveNet uses the serial number to extract the correct calibration data from its internal library. It then connects to the tool and uploads the data to the tool memory.</p> <p>A new ActiveNet record will appear as confirmation of a successful upload.</p>	

### Important

The cartridge will only be able to access its calibration data if it is fitted to the tool pocket location entered in step 10 above. If the cartridge is moved to a different pocket on the tool, then the procedure described above must be repeated for the new pocket.

The calibration data uploading procedure is very similar for users of the Remote Control handset. For more information, please refer to the Remote Control user information in the ActiveEdge technical section of the Rigibore website.

## Updating the calibration library

Rigibore now supplies calibration data for ALL ActiveEdge cartridges in one library file. This is used in both the ActiveNet program and the ActiveEdge Remote Control handset.

It is good practice to regularly update the library, but **it is essential to do so after receiving a repaired cartridge**, as the old calibration data will be obsolete. Using incorrect calibration data will result in inaccurate cartridge adjustment.

The most recent library file can be downloaded from the ActiveEdge technical section on the Rigibore website, or by following the link below.

<http://rigibore.com/ActiveEdge/CalibrationFiles/HandyCDF.dbf>

### Updating ActiveNet

ActiveNet contains a copy of the library and it can be updated in two ways depending on whether the PC has internet access.

PC with internet access:

Press the 'update cartridge library' button and then select 'download'. The ActiveNet library is immediately updated directly from the Rigibore website.

PC with no internet access:

The library file 'HandyCDF.dbf' can be downloaded onto a memory stick from anywhere that can access the Rigibore website (see above).

Plug the memory stick into the PC running ActiveNet and press the 'Update cartridge library' button on the menu bar. Select the 'from disk' option, then navigate to the memory stick and select the file. Press 'open' and the ActiveNet library will automatically update.

### Updating the AE Remote Control handset

The handset has a copy of the library file 'HandyCDF.dbf' on its SD card.

The latest version can be downloaded directly onto the Remote Control's SD card from anywhere that can access the Rigibore website (see above).