### MAINTENANCE

**GROUPSET** | **TYPE** | **OPERATION** | **REVISION** | **DESCRIPTION**
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ROAD GROUPSETS | CONE / CUP MOVEMENT | 003 | 1/2011 | REPLACING THE STEEL AERO SPOKE

**PRODUCTS ON WHICH THE PROCEDURE SHOULD BE APPLIED**

| Bora™ Ultra 80 | Zonda™ | Bullet Ultra™ | Bullet™ |

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1. Remove the axle as illustrated in OPERATION 002 (from 001 to 017).
2. Insert the spoke retainer ring UT-WH010 on the flat part of the spoke.
3. Using the nipple driver to loosen the nipple counterclockwise.
4. Remove the spoke from the nipple.
5. Turn the wheel and let the nipple fall out from the valve hole.
6. Remove the nipple.
7. Remove the spoke from hole on the body of the hub.
8. Insert the new spoke in the hole on the body of the hub.
9. Make sure the head of the spoke engages into place.
10. Make sure the nipple is undamaged. If it is damaged, replace it.
11. Screw the magnet-attracting insert on the nipple.
12. Tighten the insert fully home on the nipple to prevent it from loosening when moving inside the rim.
13. Insert the nipple with the insert inside the rim via the valve hole.
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<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
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<tbody>
<tr>
<td>13</td>
<td>With the special magnet drag the nipple inside the rim until it reaches the hole of the spoke that needs to be replaced.</td>
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<tr>
<td>14</td>
<td>Using the magnet pull the nipple through the eyelet of the rim.</td>
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<tr>
<td>15</td>
<td>Loosen the magnet-attracting insert from the nipple. Make sure the nipple does not fall inside the rim.</td>
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<tr>
<td>16</td>
<td>Screw the nipple on the spoke manually.</td>
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<tr>
<td>17</td>
<td>Screw the nipple with the nipple driver and the spoke retainer. Carry out about 6/7 full turns to reach the desired tension.</td>
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<tr>
<td>18</td>
<td>After tensioning, drip a drop of thread locker between the nipple and the spoke.</td>
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- To reassemble the hub see OPERATION 002 (from 64 to 83)
- To adjust the hub see OPERATION 001