








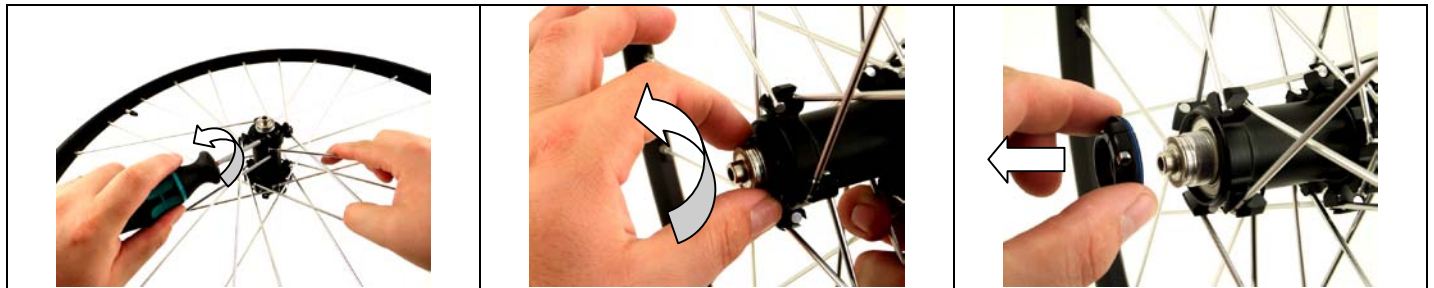


MAINTENANCE

GROUP	TYPE	OPERATION	REVISION	DESCRIPTION
MTB WHEELS	INDUSTRIAL BEARINGS MECHANISM	010	0/2011	HUB DISASSEMBLY FRONT AND REAR WHEEL WITH INDUSTRIAL BEARING

PRODUCTS ON WHICH THE PROCEDURE IS APPLIED

										
Red Metal 1 XL™	Red Fire™	Red Metal 3™	Red Power XL™/29 XL™	Red Power SL™ / 29 SL™	Red Power™	Red Zone™	Red Heat™			



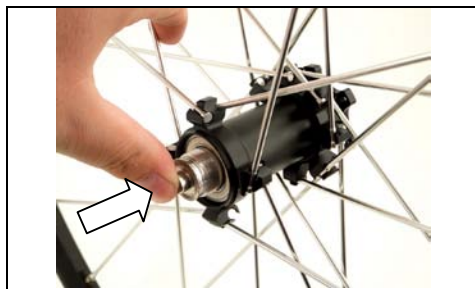
1
Use a 2.5 mm allen wrench to loosen the screw of the hub adjusting sleeve.



2
Loosen the hub adjusting sleeve anti-clockwise, holding the axle still from the opposite side.



3
Remove the adjusting sleeve, to be subsequently re-fitted.



4
Push the axle towards the inside of the hub body so that it comes out from the opposite side.



5
Remove the axle from the hub body.



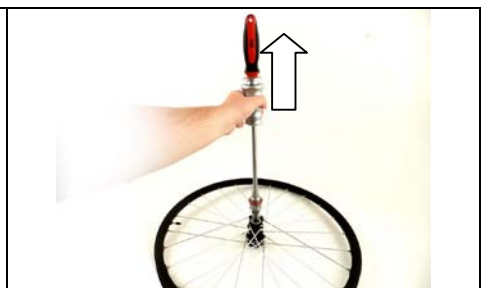
6
Remove the protective cover of the axle disk side.



7
Use a suitably sized extractor to extract the bearings.



8
Check the correct positioning of the extraction teeth inside the bearing.



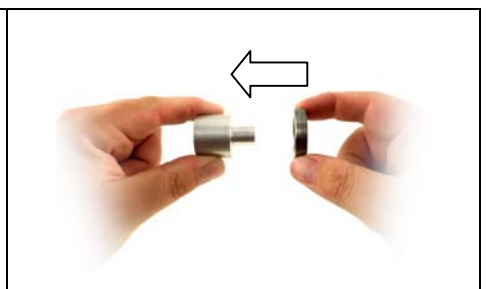
9
Use a slide hammer to extract the bearing.



10
Repeat the operation for the opposite side.



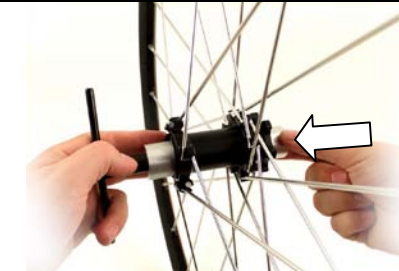
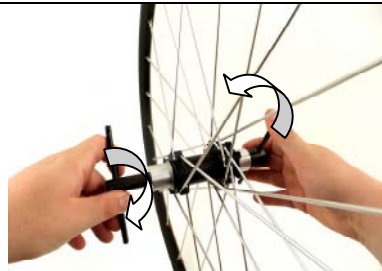


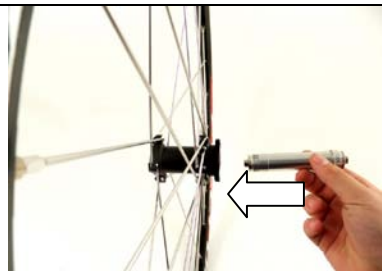



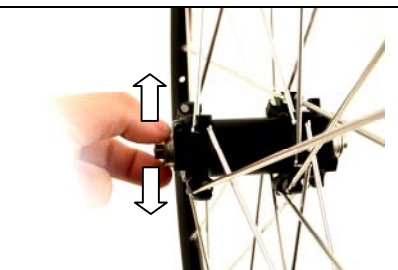


11
Check that the bearings are in good condition and that their rotation movement is fluid and free from jamming. Otherwise, replace them.



12
Fit the bearing into the guide.

MAINTENANCE

		
<p>13</p> <p>Insert the guide in the threaded axle.</p>	<p>14</p> <p>Insert the threaded axle inside the hub body of the wheel, bringing the axle out from the opposite side.</p>	<p>15</p> <p>Insert the other bearing in the guide.</p>
		
<p>16</p> <p>Tighten the tool until the bearings are fully pressed into the hub seats.</p>	<p>17</p> <p>Loosen the guide for pressing the bearings and remove the threaded axle from inside the hub body.</p>	<p>18</p> <p>Insert the non-drive side protective cover on the hub axle. The flat part faces the outside of the hub.</p>
		
<p>19</p> <p>Insert the axle inside the hub body.</p>	<p>20</p> <p>Check that the axle is correctly positioned.</p>	<p>21</p> <p>Tighten the adjusting sleeve clockwise while holding the axle still with your right hand.</p>
		
<p>22</p> <p>Proceed to tightening the allen screw with a torque screwdriver calibrated to 2.5 Nm (22 in.lbs). To reach the pre-set torque, wait for the wrench to click.</p>	<p>23</p> <p>Check the movement of the axle in rotation; adjust if necessary using the adjusting sleeve.</p>	