

Parts Bearing – Mag Wheel Specific



Required:
Tools Used:

5/8" Combination

Wrench

Flat Edged Screw Driver

Rubber Mallet

Step	Execution	Figures																																																
1	Refer to the Bearing List Matrix if required to determine the correct bearings required for replacement. These instructions apply to all sizes of mag wheels; 14", 20", 22" and 24".	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">BRODA SEATING</p> <p>Instruction: BRODA Bearing List</p> <p>Approval: P. McTaggart</p> </div> <div style="width: 35%; border: 1px solid black; padding: 2px;"> <table border="1"> <tr><td>Document Number:</td><td>SWI-07-032</td></tr> <tr><td>Revision No.:</td><td>0</td></tr> <tr><td>Revision Date:</td><td>28-Mar-11</td></tr> <tr><td>Written By:</td><td>B Bradhaecker</td></tr> </table> </div> </div> <div style="display: flex;"> <div style="width: 60%;"> <p><u>Skyway 7/16" w/Flange</u></p> <table border="1" style="font-size: small;"> <tr><td>Used on:</td><td>20" Mag</td></tr> <tr><td>Dates:</td><td>Inception - February 22, 2003</td></tr> <tr><td>Item #:</td><td>430143000</td></tr> <tr><td>Product Code:</td><td>SKYMAGBER07/16"w/FLANGE</td></tr> </table> <p><u>Gardton 1/2" Bore w/Flange</u></p> <table border="1" style="font-size: small;"> <tr><td>Used on:</td><td>24" Mag</td></tr> <tr><td>Dates:</td><td>Inception - May 31, 2006</td></tr> <tr><td>Item #:</td><td>430142000</td></tr> <tr><td>Product Code:</td><td>GENBEARING1/2</td></tr> </table> <p><u>Skyway 7/16" Bore</u></p> <table border="1" style="font-size: small;"> <tr><td>Used on:</td><td>20" Mag, *22" Mag, *24" Mag</td></tr> <tr><td>Dates:</td><td>February 23, 2003 - June 30, 2009</td></tr> <tr><td>Item #:</td><td>430143002</td></tr> <tr><td>Product Code:</td><td>SKYMAGBER07/16"</td></tr> </table> <p><u>ITM 5/8" Bore</u></p> <table border="1" style="font-size: small;"> <tr><td>Used On:</td><td>20" Mag, 22" Mag</td></tr> <tr><td>Dates:</td><td>June 24, 2010</td></tr> <tr><td>Item Number:</td><td>430143003</td></tr> <tr><td>Product Code:</td><td>ITMBEARING</td></tr> </table> <p><u>Skyway 5/8" Bore</u></p> <table border="1" style="font-size: small;"> <tr><td>Used on:</td><td>20" Mag, 22" Mag, 24" Mag</td></tr> <tr><td>Dates:</td><td>July 1, 2009 - June 29, 2010</td></tr> <tr><td>Item #:</td><td>430143001 (for use with sleeve #200709109)</td></tr> <tr><td>Product Code:</td><td>SKYMAGBER05/8"</td></tr> </table> </div> <div style="width: 35%; text-align: center;">  </div> </div>	Document Number:	SWI-07-032	Revision No.:	0	Revision Date:	28-Mar-11	Written By:	B Bradhaecker	Used on:	20" Mag	Dates:	Inception - February 22, 2003	Item #:	430143000	Product Code:	SKYMAGBER07/16"w/FLANGE	Used on:	24" Mag	Dates:	Inception - May 31, 2006	Item #:	430142000	Product Code:	GENBEARING1/2	Used on:	20" Mag, *22" Mag, *24" Mag	Dates:	February 23, 2003 - June 30, 2009	Item #:	430143002	Product Code:	SKYMAGBER07/16"	Used On:	20" Mag, 22" Mag	Dates:	June 24, 2010	Item Number:	430143003	Product Code:	ITMBEARING	Used on:	20" Mag, 22" Mag, 24" Mag	Dates:	July 1, 2009 - June 29, 2010	Item #:	430143001 (for use with sleeve #200709109)	Product Code:	SKYMAGBER05/8"
Document Number:	SWI-07-032																																																	
Revision No.:	0																																																	
Revision Date:	28-Mar-11																																																	
Written By:	B Bradhaecker																																																	
Used on:	20" Mag																																																	
Dates:	Inception - February 22, 2003																																																	
Item #:	430143000																																																	
Product Code:	SKYMAGBER07/16"w/FLANGE																																																	
Used on:	24" Mag																																																	
Dates:	Inception - May 31, 2006																																																	
Item #:	430142000																																																	
Product Code:	GENBEARING1/2																																																	
Used on:	20" Mag, *22" Mag, *24" Mag																																																	
Dates:	February 23, 2003 - June 30, 2009																																																	
Item #:	430143002																																																	
Product Code:	SKYMAGBER07/16"																																																	
Used On:	20" Mag, 22" Mag																																																	
Dates:	June 24, 2010																																																	
Item Number:	430143003																																																	
Product Code:	ITMBEARING																																																	
Used on:	20" Mag, 22" Mag, 24" Mag																																																	
Dates:	July 1, 2009 - June 29, 2010																																																	
Item #:	430143001 (for use with sleeve #200709109)																																																	
Product Code:	SKYMAGBER05/8"																																																	
2	Remove the hubcap from the wheel, by turning the hubcap counter clockwise until it is completely removed from the mag wheel.																																																	

- 3 Using a 5/8" combination wrench, loosen hex screw on the outside of the mag wheel and locknut on the inside of the mag wheel, to completely remove the axle bolt and sleeve from the wheel and the mag wheel from the chair. (Note: Remove both mag wheels if a bearing replacement is required on both mag wheels)



- 4 Lay the wheel on a flat surface. Take a flat edged screw driver and place over top of the bearing and tap it out with a hammer. Turn mag wheel over and repeat on other side to remove second bearing. Repeat on second mag wheel, if required.



- 5 Take the new bearings and tap them into place on both sides with a rubber mallet or soft hammer.



- 6 Re-Install wheel and hubcap the same way you removed them.



For more information, please contact Broda Customer Care at 1-800-668-0637