


























Head Rest Hinge I (HRB Series)

Compo offer a many types of head rest hinges for upholstery. Each of the hinges are designed for specific application. Customer can choose the correct head rest bracket for their application. Compo head rest brackets uses various type of mechanism for its construction, ranging of PU rubber pretension type, ratchet mechanism, pressure pads and stepless type.



As usual the bracket are made to exacting Compo standard meaning that these bracket will be trouble free for a long time.

Type of Mechanism	Description	Picture
 <p>HRB101</p>	<ul style="list-style-type: none"> ● 3 steps stopper operation. ● This HRB is 3 step head rest hinge witch is a Pre-tensioned with high performance PU rubber. ● Bend angle 65°. 	
 <p>HRB401</p>	<ul style="list-style-type: none"> ● 5 steps stopper operation. ● This mechanism is design for converter low back to high back sofa. ● Bend angle 75°. 	
 <p>HRB402</p>	<ul style="list-style-type: none"> ● 8 steps ratchet operation which allows for smooth action. ● Plug in KD-Joint. ● Bend angle 90°. 	
 <p>HRB403</p>	<ul style="list-style-type: none"> ● 8 steps ratchet operation which allows for smooth action. ● Screw mounting. ● Bend angle available 90°. 	
 <p>HRB403B</p>	<ul style="list-style-type: none"> ● 4 steps ratchet operation which allows for smooth action. ● Screw mounting. ● Bend angle also available for 60° which is more suitable for arm rest. 	
 <p>HRB403C</p>	<ul style="list-style-type: none"> ● 3 steps ratchet operation which allows for smooth action. ● Screw mounting. ● Bend angle also available for 90°-135° which is more suitable for arm rest. 	











Type of Mechanism	Description	Picture
 <p>HRB404</p>	<ul style="list-style-type: none"> ● 8 steps ratchet. ● Power form gear which is more accurate of robust. ● Interchangeable with our HRB803. ● Screw mounting. ● Bend angle 90° 	
 <p>HRB405</p>	<ul style="list-style-type: none"> ● 8 steps ratchet. ● Power form gear. ● Screw mounting. ● Bend angle 90° 	
 <p>HRB501</p>	<ul style="list-style-type: none"> ● Stepless multi-plate pressure pad. ● This hinge is designed for Ø19-22mm steel pipe. ● Bend angle 65°. 	
 <p>HRB601</p>	<ul style="list-style-type: none"> ● Stepless multi-plate pressure pad. ● This hinge is designed for steel pipe or wooden frame. ● Bend angle 65°. 	
 <p>HRB701A</p>	<ul style="list-style-type: none"> ● Stepless multi-plate pressure pad. ● This hinge is designed for wooden frame. ● Bend angle 65°. 	
 <p>HRB701B</p>	<ul style="list-style-type: none"> ● Stepless multi-plate pressure pad. ● This hinge is designed for Ø19-22mm steel pipe or wood. ● Bend angle 65°. 	
 <p>HRB802</p>	<ul style="list-style-type: none"> ● Stepless multi-plate pressure pad. ● This hinge is designed for noiseless and stepless operation. The nylon clamping washer are calibrated for 5-7kg pulling force. ● This hinge is the same as HRB 803 but has a shorter mounting plate for smaller head rest pillow. 	
 <p>HRB803</p>		

Head Rest Hinge II (HRB Series)

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As usual the bracket are made to exacting Compo standard meaning that these bracket will be trouble free for a long time.



Type of Mechanism	Description	Picture
	<ul style="list-style-type: none"> Stepless pressure plate. This is a 180° joint which can be used high-low back sofa. 	
	<ul style="list-style-type: none"> 4 steps ratchet joint. 30mm extension to remove wrinkle for pillow. The KD bracket is optional. 	 <p>Wrinkle → Up 40mm</p>
	<ul style="list-style-type: none"> 10 steps ratchet operation. This is a simple ratchet joint commantly used for arm or head rest. Bend angle 90°. The KD bracket is optional. 	
	<ul style="list-style-type: none"> 7 steps ratchet operation. This is a simple ratchet joint commantly used for arm or head rest. Bend angle 90°~ 150°. 	
	<ul style="list-style-type: none"> 6 steps ratchet operation. This is a simple ratchet joint commantly used for arm or head rest. Bend angle 90°~ 180°. 	

Type of Mechanism	Description	Picture
	<ul style="list-style-type: none"> 3 steps ratchet operation. Simple ratchet joint use for arm rest. Bend angle 90°-150° 	
	<ul style="list-style-type: none"> 5 steps ratchet operation. This is a simple ratchet joint commantly used for arm rest. Bend angle 90°-150° 	
	<ul style="list-style-type: none"> Spring washer plate with 4 steps. This is extension head rest hinge with head tilt mechanism. 	
	<ul style="list-style-type: none"> This is stepless head rest hinge. This is spring washer provide constant tension to the hinge plate. 	
	<ul style="list-style-type: none"> 5 steps ratchet operation. This ratchet joint is used to reduce wrinkle in leather when it in open position Bend angle 90°-180° 	
	<ul style="list-style-type: none"> Micro steps ratchet operation. Srew mounting. Bend angle also available for 90°-180° which is more suitable for arm rest. 	

Head Rest Bracket with Damper I

(HRB 201/301)

Product Specification

Compo Head Rest Bracket with damper is designed to allow sofa to be designed with low back but changed to high back with one simple action. As always these products are made to the exacting standard of Compo.



HRB201

Open Position

Close Position

HRB301

Open Position

Close Position

HRB201 Head Rest Bracket With Damper 201

Installation Guide	Cushion Design Guide																																																							
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<p>Frame Mounting Guide</p>	<p>Available Width</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Model</th> <th>ICW (mm)</th> <th>Dim A (mm)</th> </tr> </thead> <tbody> <tr><td>17"</td><td>448.6</td><td>373.4</td></tr> <tr><td>18"</td><td>474.0</td><td>398.8</td></tr> <tr><td>19"</td><td>499.4</td><td>424.2</td></tr> <tr><td>20"</td><td>524.8</td><td>449.6</td></tr> <tr><td>21"</td><td>550.2</td><td>475.0</td></tr> <tr><td>22"</td><td>575.6</td><td>500.4</td></tr> <tr><td>23"</td><td>601.0</td><td>525.8</td></tr> <tr><td>24"</td><td>626.4</td><td>551.2</td></tr> <tr><td>25"</td><td>651.8</td><td>576.6</td></tr> <tr><td>26"</td><td>677.2</td><td>602.0</td></tr> <tr><td>27"</td><td>702.6</td><td>627.4</td></tr> <tr><td>28"</td><td>728.0</td><td>652.8</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Model</th> <th>ICW</th> <th>Dim A</th> </tr> </thead> <tbody> <tr><td>29"</td><td>753.4</td><td>678.2</td></tr> <tr><td>30"</td><td>778.8</td><td>703.6</td></tr> <tr><td>31"</td><td>804.2</td><td>729.0</td></tr> <tr><td>32"</td><td>829.6</td><td>754.4</td></tr> </tbody> </table>		Model	ICW (mm)	Dim A (mm)	17"	448.6	373.4	18"	474.0	398.8	19"	499.4	424.2	20"	524.8	449.6	21"	550.2	475.0	22"	575.6	500.4	23"	601.0	525.8	24"	626.4	551.2	25"	651.8	576.6	26"	677.2	602.0	27"	702.6	627.4	28"	728.0	652.8	Model	ICW	Dim A	29"	753.4	678.2	30"	778.8	703.6	31"	804.2	729.0	32"	829.6	754.4
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HRB301 Head Rest Bracket With Damper 301

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Head Rest Bracket with Damper II

(HRB 901)

This Compo head rest bracket is designed for ultra modern and ultra low-back sofa. With this bracket, sofa designer have the ability of setting the back cushion to a super low position and lifting it upward by 6" when opened.



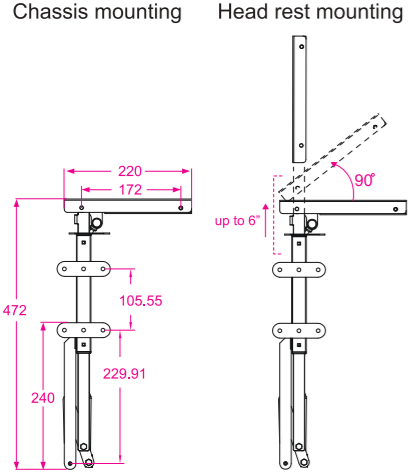
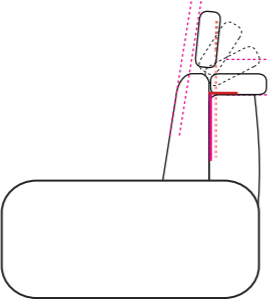
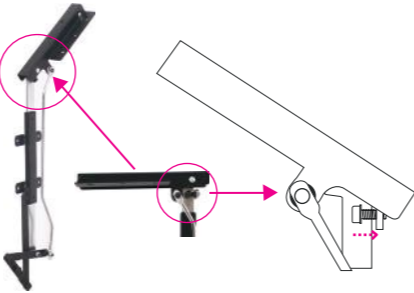
6" Extension Head Rest Bracket (HRB)

Close Position	Open Position
	

Component

Head Rest Bracket	Gas Damper	Decorative Cover
HRB 901 		

Technical Specification

Mounting Specification	Application	The Opening Angle Adjustment
<p>Chassis mounting Head rest mounting</p> 	 <p>6" This the headrest bracket rises 6" when it open.</p> <p>90°</p> <p>The thickness of the head rest will also determine the "gap". This thickness the headrest foam the smaller the "gap"</p>	 <p>Angle adjustment screw allow the head rest to be adjusted to any angle</p>



Back Rest Mechanism (BRM Series-Front back position)

Compo offer a range of back rest mechanisms to enable sofa designer to designing sofa with flexible back positions. Up-down position for high - low back and front - forward position for wide seat. More back rest mechanism will be develop in the furniture.

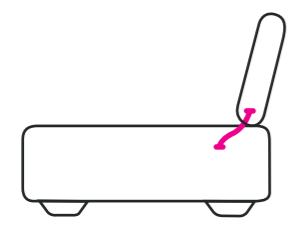
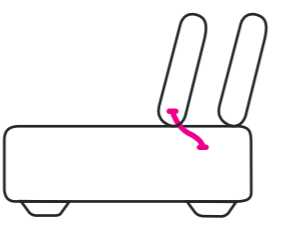


This mechanism will enable sofa designer create extra - deep seat for its sofa. Can also work as a day bed.

Model

			
BRM 101	BRM 103-8.5	BRM 103-11.0	BRM 104 (motorized)


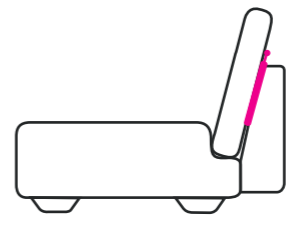
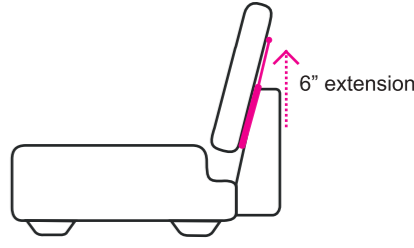

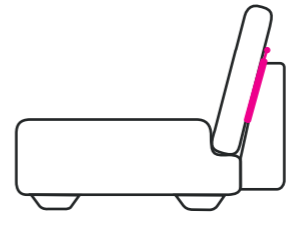
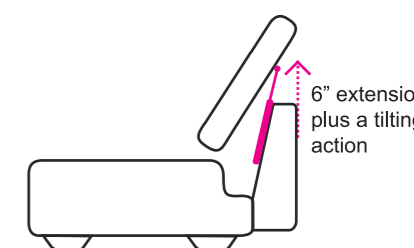
Feature

	
Close Position	Open Position

Back Rest Mechanism (BRM Series-Up down position)



This mechanism will enable sofa designer create a low back sofa for an ultra modern look. However, the sofa can be change to a mid-back with just a "press" on the back frame.

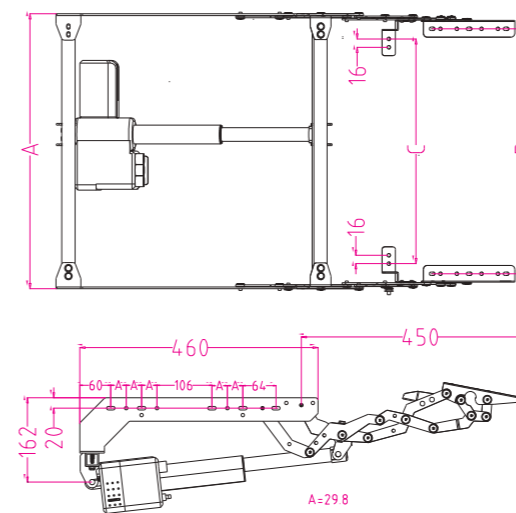
Model	Feature	
		
BRM 201	Close Position	Open Position 6" extension
		
BRM 202	Close Position	Open Position 6" extension plus a tilting action

Compo Leg Rest Bracket is designed to allow sofa designers more options for designing their sofa. The LRB is designed for space saving and also easy assembly. With this product we can do away with bulky foot stools. To offer flexibility, we offer 3 separate type of operation:- manual, pull release and electric actuation. As always these products are made to the exacting standard of Compo.

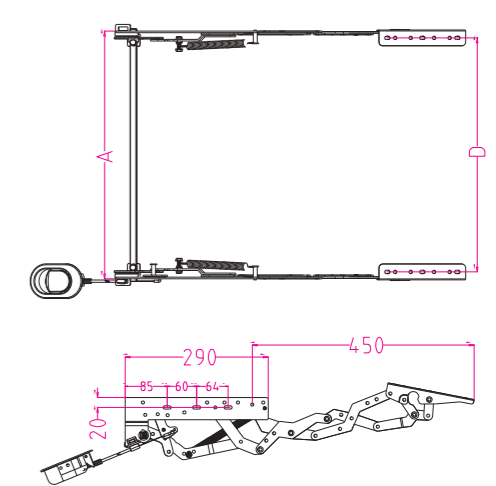


Top & Side Elevation

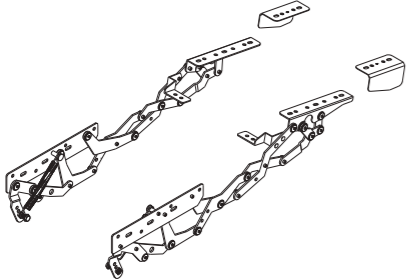
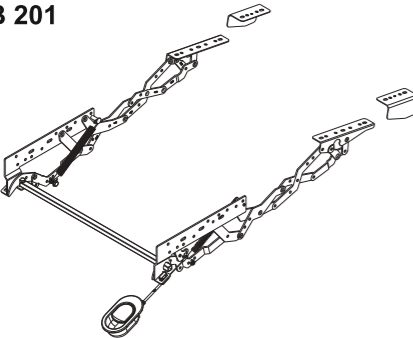
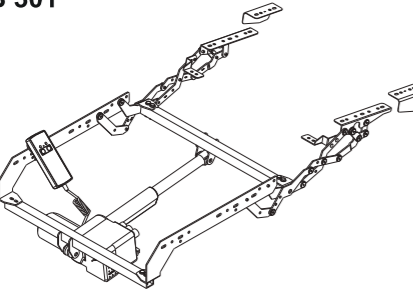
Electric Actuated Leg Rest Bracket



Pull Release Leg Rest Bracket



Dimension (mm)	Model									
	17"	18"	19"	20"	21"	22"	23"	24"	25"	
A	440	465	490	515	541	566	592	617	642	
B	391	417	442	467	493	518	544	569	594	
C	403	378	403	428	454	479	505	530	555	
D	420	446	471	496	522	547	573	598	623	




Models	Feature
LRB 101 	Hand Pull Leg Rest Bracket Manual opening action by hand pulling. This is our most basic model but nonetheless very effective.
LRB 201 	Pull Release Leg Rest Bracket Manual opening action using pull release mechanism. The pull release lever is reinforced with steel plate to improve durability.
LRB 301 	Electric Actuated Leg Rest Bracket The use of an electric actuator to control the movement allows ultra smooth and quiet operation.

Options Accessories

Pull Release Mechanism

Pull Release	Pull Release with D-Ring	Pull Release with Strap Ring
		

Electric Actuated Mechanism

Electric Actuator for Lift and Rise Recliner (6000N)	Options for Transformer		Options for Switch	
	Attached Transformer	Trailing Transformer with Ni-Cd Rechargeable Back-Up Battery	Big Button	Remote Switch
				














Hardware by Compo

Leg Rest Bracket (LRB 401)

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Models		Feature
Chrome Finish	LRB 401C 	Electric Actuated Leg Rest Bracket The use of an electric actuator to control the movement allows ultra smooth and quiet. 1. Ottoman with safety bracket. 2. Ottoman without safety bracket.
	LRB 402C 	
Black Powder Paint	LRB 401B 	
	LRB 402B 	

Electric Actuator for Leg Rest Bracket (2000N)  ACT105-2000N2W265.100	Options for Transformer		Options for Switch	
	Standard Transformer 	Trailing Transformer	Big Button	Remote Switch
		TTN101  NCB101  Control box for trailing transformer CTB101 	FBB101-2B  FBB102-2B 	RBB101-2B 