



**TABLE OF  
TECHNICAL MANUALS OF THE WHEELS**

# TABLE OF TECHNICAL MANUALS OF THE WHEELS

Technical Manuals (wheels) 1 to 6.

WHEEL	TYPE OF BRAKE	START OF RANGE	END OF RANGE	RIM	1	2*	3	4*	5*	6
					Wheel hub adjustment (cup-cone bearings)	Removal and refitting wheel front hub (cup-cone bearings)	Replacement of the spoke with Momag system - open spoke seat on the hub	Removal and refitting free wheel body	Removal and refitting wheel rear hub (cup-cone bearings)	Wheel centering
NEUTRON ULTRA	rim	2008	2018		•	1		1		•
HYPERON ONE	rim	2010	2016		•	1		1		•
HYPERON ULTRA TWO	rim	2009	2017		•	1		1		•
KHAMSIN ASYMMETRIC	rim	2014	2017					1		•
KHAMSIN ASYMMETRIC G3	rim	2014	2017					1		•
KHAMSIN G3	rim	2019	2019	C17				1		•
VENTO ASYMMETRIC	rim	2014	2017					1		•
VENTO ASYMMETRIC G3	rim	2014	2017					1		•
SCIROCCO H35	rim	2014	2017					1		•
SCIROCCO	rim	2014	-	TC17				1		•
ZONDA C15	rim	2013	2016	C15	•	1		1		•
ZONDA C17	rim	2014	-	TC17	•	3		1		•
EURUS	rim	2012	2019	2WF	•	1	•	1		•
SHAMAL ULTRA	rim	2012	2015	C15 - CL	•	1	•	1		•
				C15 - 2WF						
				TB						
SHAMAL MILLE C15	rim	2015	2016	C15	•	3	•	1		•
SHAMAL ULTRA	rim	2017	2024	C17	•	3	•	1		•
SHAMAL MILLE C17	rim	2017	2019	C17	•	3	•	1		•
BORA ONE 35	rim	2014	2014	TB	•	1	•	1		•
BORA ULTRA 35	rim	2014	2014	TB	•	1	•	1		•
BORA ONE	rim	2010	2014	TB	•	1		1		•
BORA ULTRA TWO	rim	2009	2014	TB	•	1		1		•
BORA ULTRA 80	rim	2012	2019		•	1	•	1		•
BULLET	rim	2012	2018				•	1		•
BULLET ULTRA 50 / 80 / 105	rim	2012	2018				•	1		•
BULLET ULTRA CX	rim	2012	2015				•	1		•
BORA TT	rim	2014	-	TB	•	1		1		•
BORA ONE 35	rim	2015	2021	TB	•	3	•	1		•
BORA ULTRA 35	rim	2015	2021	TB	•	3	•	1		•
BORA ONE	rim	2015	2021	TB	•	3	•	1		•
BORA ULTRA	rim	2015	2021	TB	•	3	•	1		•
BORA ONE 35	rim	2015	2021	C17	•	3	•	1		•
BORA ULTRA 35	rim	2015	2021	C17	•	3	•	1		•
BORA ONE	rim	2015	2021	C17	•	3	•	1		•
BORA ULTRA	rim	2015	2021	C17	•	3	•	1		•
ZONDA DB	disc	2017	-	TC17	•	4	•	3		•
ZONDA GT	disc	2024	-		•	2	•	4		•
CALIMA	rim	2018	-					1		•
BORA ONE 35 DB	disc	2018	2021	C17 - CL	•	2	•	2		•
				TB						
BORA ONE 50 DB	disc	2018	2021	C17 - CL	•	2	•	2		•
				TB						
BORA WTO 77	rim	2019	-	front C19	•	1				•
BORA WTO 33-45-60	rim	2019	-	TC19	•	1	•	1		•
SCIROCCO DB	disc	2019	-	C19, 2WF-Ready				3		•
SHAMAL ULTRA DB	disc	2019	2020	C17	•	2	•	2		•
BORA WTO 33-45-60 DB	disc	2020	2024	TC19	•	2	•	4		•
SHAMAL CARBON DB	disc	2021	-	TC19	•	2	•	4		•
BORA ULTRA WTO 33 DB	disc	2022	2024	TC21	•	2		4		•
BORA ULTRA WTO 45-60 DB	disc	2022	2024	TC19	•	2		4		•
BORA ULTRA WTO 80 DB	disc	2023	-	TC21	•	2	•	4		•
BORA ULTRA WTO TT DB	disc	2023	-	TC19, 2WF-Ready	•	2		4		•
LEVANTE	disc	2023	-		•	2	•	4		•
HYPERON ULTRA	disc	2024	-	TC21	•	2	•	4		•
HYPERON ULTRA	disc	2024	-	TB	•	2	•	4		•
HYPERON	disc	2024	-	TC21	•	2	•	4		•
BORA WTO 35-45-60 DB C23	disc	2025	-	TC23	•	2		4		•
BORA ULTRA WTO 35-45-60 DB C23	disc	2025	-	TC23	•	2		4		•
GHIBLI		2010	-	TB	•	2				•
GHIBLI 0.9		2014	-	2WF Ready	•	2				•

Key:

2\*, 4\*, 5\*, 22\* there are multiple procedures in these technical manuals, so follow the procedure given in the table for each wheel

□ Not valid for the following wheel codes: H60: 1140903D, 0135897; H45: 1140897D, 0135895; H33: 1140891D, 0135893

CL = CLINCHER

TB = TUBULAR

2WF = 2-WAY FIT

2WF READY = 2-WAY FIT READY

# TABLE OF TECHNICAL MANUALS OF THE WHEELS

Technical Manuals (wheels) 7 to 12.

WHEEL	TYPE OF BRAKE	START OF RANGE	END OF RANGE	RIM	7	8	9	10	11	12	
					Replacement of the spoke with Momag system - closed (through) spoke seat on the hub	Replacement of the spoke with plate: front and rear wheel - left side	Replacement of the spoke with plate: rear wheel - right side	Replacement of freewheel body pawls		Assembly of the male valve extension	
NEUTRON ULTRA	rim	2008	2018		•	•	•	•			
HYPERON ONE	rim	2010	2016		•	•	•	•			
HYPERON ULTRA TWO	rim	2009	2017		•	•	•	•			
KHAMSIN ASYMMETRIC	rim	2014	2017					•			
KHAMSIN ASYMMETRIC G3	rim	2014	2017					•			
KHAMSIN G3	rim	2019	2019	C17				•			
VENTO ASYMMETRIC	rim	2014	2017					•			
VENTO ASYMMETRIC G3	rim	2014	2017					•			
SCIROCCO H35	rim	2014	2017					•			
SCIROCCO	rim	2014	-	TC17				•			
ZONDA C15	rim	2013	2016	C15	•			•			
ZONDA C17	rim	2014	-	TC17	•			•			
EURUS	rim	2012	2019	2WF				•			
SHAMAL ULTRA	rim	2012	2015	C15 - CL							
				C15 - 2WF					•		
				TB							
SHAMAL MILLE C15	rim	2015	2016	C15				•			
SHAMAL ULTRA	rim	2017	2024	C17				•			
SHAMAL MILLE C17	rim	2017	2019	C17				•			
BORA ONE 35	rim	2014	2014	TB				•			
BORA ULTRA 35	rim	2014	2014	TB				•			
BORA ONE	rim	2010	2014	TB		•	•	•			
BORA ULTRA TWO	rim	2009	2014	TB		•	•	•			
BORA ULTRA 80	rim	2012	2019					•		•	
BULLET	rim	2012	2018		•			•			
BULLET ULTRA 50 / 80 / 105	rim	2012	2018		•			•			
BULLET ULTRA CX	rim	2012	2015		•			•			
BORA TT	rim	2014	-	TB							
BORA ONE 35	rim	2015	2021	TB				•			
BORA ULTRA 35	rim	2015	2021	TB				•			
BORA ONE	rim	2015	2021	TB				•			
BORA ULTRA	rim	2015	2021	TB				•			
BORA ONE 35	rim	2015	2021	C17				•			
BORA ULTRA 35	rim	2015	2021	C17				•			
BORA ONE	rim	2015	2021	C17				•			
BORA ULTRA	rim	2015	2021	C17				•			
ZONDA DB	disc	2017	-	TC17				•			
ZONDA GT	disc	2024	-		•			•			
CALIMA	rim	2018	-					•			
BORA ONE 35 DB	disc	2018	2021	C17 - CL					•		
				TB							
BORA ONE 50 DB	disc	2018	2021	C17 - CL					•		
				TB							
BORA WTO 77	rim	2019	-	front C19				•			
BORA WTO 33-45-60	rim	2019	-	TC19				•			
SCIROCCO DB	disc	2019	-	C19, 2WF-Ready				•			
SHAMAL ULTRA DB	disc	2019	2020	C17				•			
BORA WTO 33-45-60 DB	disc	2020	2024	TC19				•			
SHAMAL CARBON DB	disc	2021	-	TC19				•			
BORA ULTRA WTO 33 DB	disc	2022	2024	TC21				•			
BORA ULTRA WTO 45-60 DB	disc	2022	2024	TC19				•		•	
BORA ULTRA WTO 80 DB	disc	2023	-	TC21				•		•	
BORA ULTRA WTO TT DB	disc	2023	-	TC19, 2WF-Ready				•			
LEVANTE	disc	2023	-					•			
HYPERON ULTRA	disc	2024	-	TC21				•			
HYPERON ULTRA	disc	2024	-	TB				•			
HYPERON	disc	2024	-	TC21	•			•			
BORA WTO 35-45-60 DB C23	disc	2025	-	TC23	•			•			
BORA ULTRA WTO 35-45-60 DB C23	disc	2025	-	TC23				•			
GHIBLI		2010	-	TB							
GHIBLI 0.9		2014	-	2WF Ready							

Key:  
2\*, 4\*, 5\*, 22\* there are multiple procedures in these technical manuals, so follow the procedure given in the table for each wheel

☐ Not valid for the following wheel codes: H60: 1140903D, 0135897; H45: 1140897D, 0135895; H33: 1140891D, 0135893

CL = CLINCHER

TB = TUBULAR

2WF = 2-WAY FIT

2WF READY = 2-WAY FIT READY

# TABLE OF TECHNICAL MANUALS OF THE WHEELS

Technical Manuals (wheels) 13 to 18.

WHEEL	TYPE OF BRAKE	START OF RANGE	END OF RANGE	RIM	13	14	15	16	17	18	
					Assembly of the female valve extension	Replacement of the spoke (rim with holes of the nipples)	Removal and refitting the wheel rear hub (industrial bearing)	Removal and refitting the wheel front hub (industrial bearing)	2-Way Fit Ready transformation procedure	N3W retrofit kit (cup-cone bearings)	
NEUTRON ULTRA	rim	2008	2018								
HYPERON ONE	rim	2010	2016								
HYPERON ULTRA TWO	rim	2009	2017								
KHAMSIN ASYMMETRIC	rim	2014	2017			•	•	•			
KHAMSIN ASYMMETRIC G3	rim	2014	2017			•	•	•			
KHAMSIN G3	rim	2019	2019	C17		•	•	•			
VENTO ASYMMETRIC	rim	2014	2017			•	•	•			
VENTO ASYMMETRIC G3	rim	2014	2017			•	•	•			
SCIROCCO H35	rim	2014	2017			•	•	•			
SCIROCCO	rim	2014	-	TC17		•	•	•			
ZONDA C15	rim	2013	2016	C15							
ZONDA C17	rim	2014	-	TC17							
EURUS	rim	2012	2019	2WF							
SHAMAL ULTRA	rim	2012	2015	C15 - CL							
				C15 - 2WF							
				TB							
SHAMAL MILLE C15	rim	2015	2016	C15							
SHAMAL ULTRA	rim	2017	2024	C17							
SHAMAL MILLE C17	rim	2017	2019	C17							
BORA ONE 35	rim	2014	2014	TB							
BORA ULTRA 35	rim	2014	2014	TB							
BORA ONE	rim	2010	2014	TB							
BORA ULTRA TWO	rim	2009	2014	TB							
BORA ULTRA 80	rim	2012	2019		•						
BULLET	rim	2012	2018				•	•			
BULLET ULTRA 50 / 80 / 105	rim	2012	2018		•		•	•			
BULLET ULTRA CX	rim	2012	2015				•	•			
BORA TT	rim	2014	-	TB							
BORA ONE 35	rim	2015	2021	TB							
BORA ULTRA 35	rim	2015	2021	TB							
BORA ONE	rim	2015	2021	TB							
BORA ULTRA	rim	2015	2021	TB							
BORA ONE 35	rim	2015	2021	C17							
BORA ULTRA 35	rim	2015	2021	C17							
BORA ONE	rim	2015	2021	C17							
BORA ULTRA	rim	2015	2021	C17							
ZONDA DB	disc	2017	-	TC17		•				•	
ZONDA GT	disc	2024	-			•					
CALIMA	rim	2018	-			•	•	•			
BORA ONE 35 DB	disc	2018	2021	C17 - CL						•	
				TB							
BORA ONE 50 DB	disc	2018	2021	C17 - CL						•	
				TB							
BORA WTO 77	rim	2019	-	front C19	•						
BORA WTO 33-45-60	rim	2019	-	TC19							
SCIROCCO DB	disc	2019	-	C19, 2WF-Ready		•	•	•	•		
SHAMAL ULTRA DB	disc	2019	2020	C17						•	
BORA WTO 33-45-60 DB	disc	2020	2024	TC19						□	
SHAMAL CARBON DB	disc	2021	-	TC19							
BORA ULTRA WTO 33 DB	disc	2022	2024	TC21	•						
BORA ULTRA WTO 45-60 DB	disc	2022	2024	TC19	•						
BORA ULTRA WTO 80 DB	disc	2023	-	TC21	•						
BORA ULTRA WTO TT DB	disc	2023	-	TC19, 2WF-Ready					•		
LEVANTE	disc	2023	-								
HYPERON ULTRA	disc	2024	-	TC21							
HYPERON ULTRA	disc	2024	-	TB							
HYPERON	disc	2024	-	TC21							
BORA WTO 35-45-60 DB C23	disc	2025	-	TC23							
BORA ULTRA WTO 35-45-60 DB C23	disc	2025	-	TC23							
GHIBLI		2010	-	TB							
GHIBLI 0.9		2014	-	2WF Ready					•		

Key:  
2\*, 4\*, 5\*, 22\* there are multiple procedures in these technical manuals, so follow the procedure given in the table for each wheel  
□ Not valid for the following wheel codes: H60: 1140903D, 0135897; H45: 1140897D, 0135895; H33: 1140891D, 0135893

CL = CLINCHER  
TB = TUBULAR

2WF = 2-WAY FIT  
2WF READY = 2-WAY FIT READY

# TABLE OF TECHNICAL MANUALS OF THE WHEELS

Technical Manuals (wheels) 19 to 24.

WHEEL	TYPE OF BRAKE	START OF RANGE	END OF RANGE	RIM	19	20	21	22	23	24
					N3W retrofit kit (industrial bearings)	Pista axle to HH12 axle replacement procedure	Replacement of the spoke (inner rim nipples)	Removing front wheel adapters	Spacers of XDR V2 fw body (30 mm d.) by Sram Corp.	Maintenance intervals table
NEUTRON ULTRA	rim	2008	2018							•
HYPERON ONE	rim	2010	2016							•
HYPERON ULTRA TWO	rim	2009	2017							
KHAMSIN ASYMMETRIC	rim	2014	2017						•	•
KHAMSIN ASYMMETRIC G3	rim	2014	2017						•	•
KHAMSIN G3	rim	2019	2019	C17					•	•
VENTO ASYMMETRIC	rim	2014	2017						•	•
VENTO ASYMMETRIC G3	rim	2014	2017						•	•
SCIROCCO H35	rim	2014	2017						•	•
SCIROCCO	rim	2014	-	TC17					•	•
ZONDA C15	rim	2013	2016	C15					•	•
ZONDA C17	rim	2014	-	TC17					•	•
EURUS	rim	2012	2019	2WF					•	•
SHAMAL ULTRA	rim	2012	2015	C15 - CL					•	•
				C15 - 2WF						
				TB						
SHAMAL MILLE C15	rim	2015	2016	C15					•	•
SHAMAL ULTRA	rim	2017	2024	C17					•	•
SHAMAL MILLE C17	rim	2017	2019	C17					•	•
BORA ONE 35	rim	2014	2014	TB						•
BORA ULTRA 35	rim	2014	2014	TB						•
BORA ONE	rim	2010	2014	TB						•
BORA ULTRA TWO	rim	2009	2014	TB						•
BORA ULTRA 80	rim	2012	2019							•
BULLET	rim	2012	2018							•
BULLET ULTRA 50 / 80 / 105	rim	2012	2018							•
BULLET ULTRA CX	rim	2012	2015							•
BORA TT	rim	2014	-	TB					•	•
BORA ONE 35	rim	2015	2021	TB					•	•
BORA ULTRA 35	rim	2015	2021	TB					•	•
BORA ONE	rim	2015	2021	TB					•	•
BORA ULTRA	rim	2015	2021	TB					•	•
BORA ONE 35	rim	2015	2021	C17					•	•
BORA ULTRA 35	rim	2015	2021	C17					•	•
BORA ONE	rim	2015	2021	C17					•	•
BORA ULTRA	rim	2015	2021	C17					•	•
ZONDA DB	disc	2017	-	TC17				3	•	•
ZONDA GT	disc	2024	-							•
CALIMA	rim	2018	-							•
BORA ONE 35 DB	disc	2018	2021	C17 - CL				1	•	•
				TB						
BORA ONE 50 DB	disc	2018	2021	C17 - CL				1	•	•
				TB						
BORA WTO 77	rim	2019	-	front C19						•
BORA WTO 33-45-60	rim	2019	-	TC19					•	•
SCIROCCO DB	disc	2019	-	C19, 2WF-Ready	•			2	•	•
SHAMAL ULTRA DB	disc	2019	2020	C17	•			1	•	•
BORA WTO 33-45-60 DB	disc	2020	2024	TC19					□	•
SHAMAL CARBON DB	disc	2021	-	TC19						•
BORA ULTRA WTO 33 DB	disc	2022	2024	TC21			•			•
BORA ULTRA WTO 45-60 DB	disc	2022	2024	TC19			•			•
BORA ULTRA WTO 80 DB	disc	2023	-	TC21						•
BORA ULTRA WTO TT DB	disc	2023	-	TC19, 2WF-Ready						•
LEVANTE	disc	2023	-							•
HYPERON ULTRA	disc	2024	-	TC21			•			•
HYPERON ULTRA	disc	2024	-	TB			•			•
HYPERON	disc	2024	-	TC21						•
BORA WTO 35-45-60 DB C23	disc	2025	-	TC23						•
BORA ULTRA WTO 35-45-60 DB C23	disc	2025	-	TC23			•			•
GHIBLI		2010	-	TB		•				•
GHIBLI 0.9		2014	-	2WF Ready		•				•

Key:  
2\*, 4\*, 5\*, 22\* there are multiple procedures in these technical manuals, so follow the procedure given in the table for each wheel

□ Not valid for the following wheel codes: H60: 1140903D, 0135897; H45: 1140897D, 0135895; H33: 1140891D, 0135893

CL = CLINCHER

TB = TUBULAR

2WF = 2-WAY FIT

2WF READY = 2-WAY FIT READY