

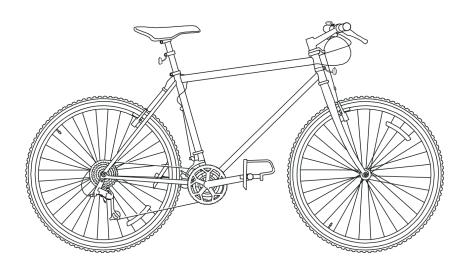
Mountain bike

Documeering S1000D Issue 4.2 Demo

AMP - Pedals - V16

S1000DBIKE-X1234-00042-00

Issue No. 002(00), 2023-02-01



Copyright (C) 2023 by each of the following organizations

- AeroSpace and Defence Industries Associations of Europe ASD.
- Ministries of Defence of the member countries of ASD.

Limitations of liability:

- This material is provided "As is" and neither ASD nor any person who has contributed to the creation, revision or maintenance of the material makes any representations or warranties, express or implied, including but not limited to, warranties of merchantability or fitness for any particular purpose.
- Neither ASD nor any person who has contributed to the creation, revision or maintenance of this material shall be liable for any direct, indirect, special or consequential damages or any other liability arising from any use of this material.
- Revisions to this document may occur after its issuance. The user is responsible for determining if revisions to the material contained in this document have occurred and are applicable.

Publisher:



ACME Made-Up Name Inc.

Manufacturer:



Docuneering Ltd PO Box 4254 Melksham England

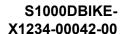


Produced by Docuneering Ltd.

Applicable to: All

S1000DBIKE-AAA-D00-00-00-00AA-001A-A

UNCLASSIFIED





TPSMG TOR 001

There are no known conditions that would change the data restrictions for, or security classification of, this publication.

To be made available to all Steamy Rollers customers.

Export of this publication to all countries that are the residence of organizations that are users of S1000D is permitted.

There are no dissemination limitations that apply to this publication.

Users may destroy this publication in accordance with any local procedures.

There are no dissemination limlitations that apply to this publication.

Notice to the reader:

This publication includes highly sophisticated stuff. Read it with:

- reflection
- pride

Manufactor's information:

Steamy Rollers is a well-reputed heavy vehicle manufacturer famous for its reliable steamrollers. However, if something goes wrong, don't blame us.

Any complaint shall be sent to:

- AECME Steamroller Distributors, Poste Restante, Somewhere City, Utopia
- Steamy Rollers, Off Road 66, Noway, Atlantis



Configuration

1 Product configuration

The product configuration shows current, associated, and historical product information for the end item part numbers contained in this publication. The products are listed byb PN class, which are defined as follows:

- "PRIME" The PRIME is the current OEM's top-level part number and MFR code covered by this publication.
- "ALT" The ALT represents an alternative to the PRIME for the same part. For example, this
 could be an airframe manufacturer's part number.
- "PREV" The PREV represents a legacy part number and MFR code to the PRIME for the same part number that may still be supported.
- "OBS" The OBS represents a part number and MFR code that is no longer supported but is included in this publication for historical reference.

Refer to the "List of suppliers" for MFR information.

Table 1 Product configuration

PN class	PN	MFR	Component name	Model
PRIME	123-1111	ZZZZZ	Product Five	
ALT	Z555-ZZZZ-55	ZZZZZ	Product Five	
ALT	R555-RRRR-55	RRRR	Product Five	
PREV	A555-5555-55	AAAAA		Model Five

2 Publication configuration

The publication configuration shows active or superseded configuration information about this publication. The publications are listed by Pub class, which are defined as follows:

- "PRIME" The PRIME represents the active publication.
- "PREV" The PREV represents the legacy publication to the PRIME publication.

Refer to the "List of suppliers" for MFR information.

Table 2 Publication configuration

Pub class	SNS/ATA	MFR	Publication number	Issue/Rev
PRIME	23-10-10	55555	CMMST-ZZZZZ-00001-00	Current
PREV	23-00-10	ZZZZZ		018





Copyright statements

1 Copyright

Copyright (C) 2022 by DOCUNEERING LTD

2 Limitations of liability

This material is provided "As is" and neither Docuneering Ltd nor any person who has contributed to the creation, revision or maintenance of the material makes any representations or warranties, express or implied, including but not limited to, warranties of marchantability or fitness for any particular purpose.

Neither Docuneering Ltd nor any person who has contributed to the creation, revision or maintenance of this material shall be liable for any direct, indirect, special or consequential damages or any other liability arising from any use of this material.

Revisions to this document may occur after its issuance. The user is responsible for determining if revisions to the material contained in this document have occurred and are applicable.





Administrative and legal statements

1 Documeering Limited Product License Agreement

IMPORTANT - PLEASE READ THIS ENTIRE AGREEMENT CAREFULLY BEFORE USING THIS DOCUMENT.

YOU AGREE TO BE BOUND BY THE TERMS OF, AND BECOME PARTY TO, THIS AGREEMENT. THIS AGREEMENT IS APPLICABLE TO THE ACCOMPANYING MARCHANDISE (THE "MERCHANDISE"), THE INFORMATION RESIDING THEREON OR ON THE INTERNET WEB SITES ACCESSIBLE EXCLUSIVELY VIA LINKS FROM THE MERCHANDISE (THE "CONTENT") AND THE RELATED SOFTWARE (COLLECTIVELY, THE "LICENSED PRODUCT"). IF YOU DO NOT AGREE TO BE BOUND BY THE TERMS OF, AND BECOME PARTY TO, THIS AGREEMENT, YOU CANNOT USE ANY PART OF THIS DOCUMENT AND CANNOT SHARE IT WITH OR FORWARD IT TO ANY OTHER PERSON OR ENTITY.

2 Important information

The Product contains specifications, practices and other information relating to the covered topics. Docuneering Ltd does not mandate the use of all or any part of the Licensed Product and your decision to use the Licensed Product is entirely voluntary, your decision and at your own risk. You may choose to use the Content is whole, in part or not at all.

There may be practices, standards and/or governmental requirements applicable to your operations that exceed, or vary from, the Licensed Product. You are solely responsible for determining of such practices, standards of regulatory requirements exist and whether they apply to your activities and for complying with these that are applicable. Such practices, standards and regulatory requirements can change significantly over time. Unless Docuneering Ltd expressly states otherwise in writing, nothing in this Agreement shall be interpreted as requiring Docuneering Ltd to provide you with updates, revisions or information about any development or action affecting the Licensed Product.

The Licensed Product has been compiled by Docuneering Ltd and/or its licensors. Docuneering Ltd and/or its licensors reserve title to and ownership of the Licensed Product and all copyrights and any other intellectual rights in it.

3 Description of license

Upon your acceptance of this Agreement, you will be permitted to access the information for which you have obtained the license described and limited below...





Bicycle

Safety statements

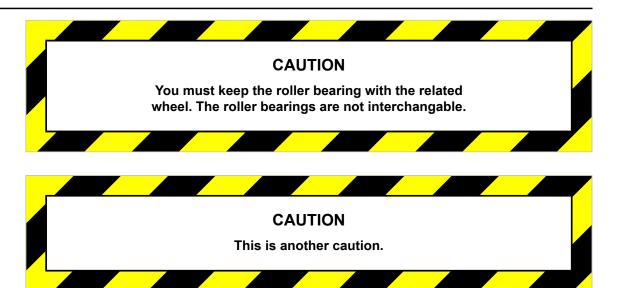
Table		ntents		Page
	Safet Refer Desc 1	ription		
List o	f tabl	es		
	1	References		1
			References	
			Table 1 References	
Data mo	odule /	Technical publication	Title	
None				

Description

1 Safety statements







Note 1

This is a note.

Note 2

This is another note.



List of effective data modules

The listed documents are included in issue 002, dated 2023-02-01, of this publication.

C = Changed data module

N = New data module

Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Title page	\$1000DBIKE-AAA-D00-00-00- 00AA-001A-A		2023-02-01		All
Configuration	\$1000DBIKE-AAA-D00-00-00- 00AA-020A-A		2022-12-31	1	All
Copyright statements	S1000DBIKE-AAA-D00-00-00- 00AA-021A-A		2022-12-31	1	All
Administrative and legal statements	S1000DBIKE-AAA-D00-00-00- 00AA-023A-A		2022-12-31	1	All
Bicycle – Safety statements	\$1000DBIKE-AAA-D00-00-00- 00AA-012A-A		2022-12-31	1	All
Change record	\$1000DBIKE-AAA-D00-00-00- 00AA-00TA-A	С	2022-12-31	1	All
Technical standard record	\$1000DBIKE-AAA-D00-00-00- 00AA-008A-A		2022-12-31	1	All
Products cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00PA-D		2016-12-31	2	All
Conditions cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00QA-D		2016-12-31	2	All
Applicability cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00WA-D		2016-12-31	2	All
Bicycle – Introduction	\$1000DBIKE-AAA-D00-00-00- 00AA-018A-A		2022-12-31	1	All
Section 1 – Bicycle	\$1000DBIKE-AAA-D00-00-00- 01AA-001A-A		2022-12-31	1	All
Bicycle – Controls and Indicators	\$1000DBIKE-AAA-D00-00-00- 00AA-00XA-A		2016-12-31	3	All
Mountain bicycle – Business rules	\$1000DBIKE-AAA-D00-00-00- 00AA-022A-D	С	2016-12-31	11	
S1000DBIKE – Business rules document	\$1000DBIKE-AAA-D00-00-00- 00AA-024A-D		2016-12-31	1	All



	(Continued)				_
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Bicycle – Description of how it is made	S1000DBIKE-AAA-D00-00-00- 00AA-041A-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Description of function	\$1000DBIKE-AAA-D00-00-00- 00AA-042A-A	N	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Description attributed to crew	\$1000DBIKE-AAA-D00-00-00- 00AA-043A-A	С	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Mountain bicycle – Applicability cross-reference table catalog	\$1000DBIKE-AAA-D00-00-00- 00AA-0A3A-D		2016-12-31	2	All
Bicycle – Pre-operation procedures (crew)	\$1000DBIKE-AAA-D00-00-00- 00AA-121A-A	С	2016-12-31	6	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Riding a bicycle	\$1000DBIKE-AAA-D00-00-00- 00AA-130A-A		2016-12-31	1	
Bicycle – Normal operation procedures (crew)	S1000DBIKE-AAA-D00-00-00- 00AA-131A-A	С	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Post-operation procedures (crew)	S1000DBIKE-AAA-D00-00-00-00AA-151A-A	N	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			_
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Bicycle – Servicing: Prerequisite concept review	\$1000DBIKE-AAA-D00-00-00- 00AA-200A-T-T36D	2016-12-31	1	
Bicycle – Other procedures to clean	\$1000DBIKE-AAA-D00-00-00- 00AA-258A-A	C 2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Other procedures to clean	S1000DBIKE-AAA-D00-00-00- 00AA-258B-A	2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Place on test stand	\$1000DBIKE-AAA-D00-00-00- 00AA-330A-A	C 2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Standard repair procedures	\$1000DBIKE-AAA-D00-00-00- 00AA-663A-A	2016-12-31	13	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Performance support	\$1000DBIKE-AAA-D00-00-00- 00AA-952A-T-H31A	2016-12-31	1	
Bicycle – Illustrated Parts Data - IPD	S1000DBIKE-AAA-D00-00-00- 01AA-941A-D	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Manual test	\$1000DBIKE-AAA-D00-00-01- 00AA-341A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Fork – Remove procedures	S1000DBIKE-AAA-D00-00-01- 00AA-520A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Install procedures	\$1000DBIKE-AAA-D00-00-01- 00AA-720A-A	2016-12-31	3	Mountain bicycle and Mountain storm Mk1
Bicycle – Service Bulletin - Replacement of standard forward fork by telescopic fork	\$1000DBIKE-AAA-D00-00-01- 00AA-930A-A	2016-12-31	11	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Replacement procedure	\$1000DBIKE-AAA-D00-00-01- 00AA-933A-A	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle axis – Modification procedures	\$1000DBIKE-AAA-D00-00-01- 00AA-93AA-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Install procedures	S1000DBIKE-AAA-D00-00-01- 00AB-720A-A	2016-12-31	3	Mountain bicycle and Brook trekker Mk9
Bicycle – Time limits	S1000DBIKE-AAA-D05-10-00- 00AA-000A-A	C 2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Bicycle – Scheduled maintenance lists	\$1000DBIKE-AAA-D05-20-00- 00AA-000A-A		2016-12-31	12	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Scheduled maintenance checks	\$1000DBIKE-AAA-D05-40-00- 00AA-000A-A		2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Maintenance Allocation Chart	\$1000DBIKE-AAA-D05-80-00- 00AA-916A-A		2016-12-31	9	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Wheel – Description of how it is made	\$1000DBIKE-AAA-DA0-00-00- 00AA-041A-A	С	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Wheels – Description of how it is made: Knowledge Check	\$1000DBIKE-AAA-DA0-00-00- 00AA-041A-T-T61E		2016-12-31	1	
Inner tube – Remove and install a new item	\$1000DBIKE-AAA-DA0-10-10- 00AA-921A-A		2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Tire – Fill with air	\$1000DBIKE-AAA-DA0-10-20- 00AA-215A-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



(Continued)						
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to		
Tire – Check pressure	\$1000DBIKE-AAA-DA0-10-20- 00AA-362B-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
Front wheel – Fault reports and isolation procedures	\$1000DBIKE-AAA-DA0-10-20- 00AA-400A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
Front wheel – Remove procedures: Interactive content - Procedure	S1000DBIKE-AAA-DA0-10-20- 00AA-520A-T-T4JC	2016-12-31	1			
Tire – Remove and install a new item	\$1000DBIKE-AAA-DA0-10-20- 00AA-921A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
Rear wheel – Detected fault	\$1000DBIKE-AAA-DA0-20-00- 00AA-412A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
Rear wheel – Remove procedures	\$1000DBIKE-AAA-DA0-20-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
Front wheel – Remove procedures	\$1000DBIKE-AAA-DA0-30-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Front wheel – Install procedures	S1000DBIKE-AAA-DA0-30-00- 00AA-720A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake system – Description of how it is made	S1000DBIKE-AAA-DA1-00-00- 00AA-041A-A	2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake system – Manual test	S1000DBIKE-AAA-DA1-00-00- 00AA-341A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake pads – Clean with rubbing alcohol	S1000DBIKE-AAA-DA1-10-00- 00AA-251A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front brake – Remove procedures	S1000DBIKE-AAA-DA1-20-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front brake – Install procedures	\$1000DBIKE-AAA-DA1-20-00- 00AA-720A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				_
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Steering – Description of how it is made	\$1000DBIKE-AAA-DA2-00-00- 00AA-041A-A	N	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Steering – Description of how it is made: Knowledge Check	\$1000DBIKE-AAA-DA2-10-00- 00AA-041A-T-T62E		2016-12-31	1	
Stem – Remove procedures	\$1000DBIKE-AAA-DA2-10-00- 00AA-520A-A	С	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Stem – Install procedures	\$1000DBIKE-AAA-DA2-10-00- 00AA-720A-A	С	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Handlebar – Remove procedures	S1000DBIKE-AAA-DA2-20-00- 00AA-520A-A	N	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Handlebar – Install procedures	S1000DBIKE-AAA-DA2-20-00- 00AA-720A-A	С	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Headset – Description of how it is made	\$1000DBIKE-AAA-DA2-30-00- 00AA-041A-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				_
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Headset – Remove procedures	S1000DBIKE-AAA-DA2-30-00- 00AA-520A-A	N	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Headset – Install procedures	S1000DBIKE-AAA-DA2-30-00- 00AA-720A-A	С	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Spacer – Install procedures	\$1000DBIKE-AAA-DA2-40-00- 00AA-720A-A		2016-12-31	2	Mountain bicycle and Mountain storm Mk1
Frame – Description of how it is made	\$1000DBIKE-AAA-DA3-00-00- 00AA-041A-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Horn – Isolated fault	\$1000DBIKE-AAA-DA3-10-00- 00AA-411A-A		2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Horn – Remove and install a new item	S1000DBIKE-AAA-DA3-10-00- 00AA-921A-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Drivetrain – Description of how it is made	\$1000DBIKE-AAA-DA4-00-00- 00AA-041A-A		2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-00-00AA-002A-A



(Continued)					
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Chain – Oil	S1000DBIKE-AAA-DA4-10-00- 00AA-241A-A	С	2016-12-31	10	All
Chain – Clean with chain cleaning fluid	S1000DBIKE-AAA-DA4-10-00- 00AA-251B-A		2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Drive train – Correlated fault	\$1000DBIKE-AAA-DA4-10-00- 00AA-414A-A		2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Gears – Description of how it is made	\$1000DBIKE-AAA-DA5-00-00- 00AA-041A-A		2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Mechs – Description of how it is made	S1000DBIKE-AAA-DA5-10-00- 00AA-041A-A		2016-12-31	5	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Hubs – Clean with degreasing agent	S1000DBIKE-AAA-DA5-20-00- 00AA-251C-A	С	2016-12-31	5	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Shifters – Description of how it is made	\$1000DBIKE-AAA-DA5-30-00- 00AA-041A-A		2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Section 2 – Brakes	\$1000DBIKE-AAA-D00-00-00- 02AA-001A-A		2022-12-31	1	All

S1000DBIKE-AAA-D00-00-00-00AA-002A-A



	(Continued)				
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Applicability cross-reference table	BRAKE-AAA-D00-00-00-00AA- 00WA-D		2016-12-31	1	All
Brake system – Description of how it is made	BRAKE-AAA-DA1-00-00-00AA- 041A-A		2016-12-31	8	
Brake system – Manual test	BRAKE-AAA-DA1-00-00-00AA- 341A-A		2016-12-31	2	
Brake pads – Clean with rubbing alcohol	BRAKE-AAA-DA1-10-00-00AA- 251A-A		2016-12-31	3	
Section 3 – Electrical Lighting System	\$1000DBIKE-AAA-D00-00-00- 03AA-001A-A		2022-12-31	1	All
Lighting – Functional item numbers common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-00EA-D		2016-12-31	6	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Parts common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-00GA-D		2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Zones common information repository	S1000DLIGHTING-AAA-D00-00- 00-00AA-00HA-D		2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Support equipment common information repository	S1000DLIGHTING-AAA-D00-00- 00-00AA-00NA-D		2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Wiring data – Field description	\$1000DLIGHTING-AAA-D00-00- 00-00AA-029A-A		2016-12-31	1	ŕ
Electrical system – Description of how it is made and its function	\$1000DLIGHTING-AAA-D00-00- 00-00AA-040A-A		2016-12-31	2	
Wiring – Equipment lists	\$1000DLIGHTING-AAA-D00-00- 00-00AA-056A-A	N	2016-12-31	3	

Produced by Docuneering Ltd.



	(Continued)				
Document title	Data module code Publication module code		Issue date	No. of pages	Applicable to
Wiring – Wire list	\$1000DLIGHTING-AAA-D00-00- 00-00AA-057A-A	С	2016-12-31	7	
Wiring – Loom list	S1000DLIGHTING-AAA-D00-00- 00-00AA-058A-A	С	2016-12-31	2	
Lighting – Functional and/or physical areas repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-0A1A-D		2016-12-31	11	All
Lighting – Applicability common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-0A2A-D		2016-12-31	3	All bicycles applicability
Lights – Manual test	\$1000DLIGHTING-AAA-D00-00- 00-00AA-341A-A		2016-12-31	2	
Lights – Observed fault	\$1000DLIGHTING-AAA-D00-00- 00-00AA-413A-A		2016-12-31	3	
Lighting – Assemble, install and connect procedures	\$1000DLIGHTING-AAA-D00-00- 00-00AA-700A-A		2016-12-31	3	
Lighting – Remove and install a new item	\$1000DLIGHTING-AAA-D00-00- 00-00AA-921A-A		2016-12-31	4	
Lights – Warning repository	\$1000DLIGHTING-AAA-D00-00- 00-01AA-012A-A		2016-12-31	1	
Light system – Illustrated Parts Data - IPD	\$1000DLIGHTING-AAA-D00-00- 00-01AA-941A-D		2016-12-31	3	
Lights – Caution repository	S1000DLIGHTING-AAA-D00-00- 00-02AA-012A-A		2016-12-31	1	



Change record

The change record displays the issue history of the publication.

Issue number	Issue date	Issue number	Issue date
001	2022-12-31	002	2023-02-01





Highlights

Issue 002

The listed changes are included in issue 002, dated 2023-02-01, of this publication.

Data module code	Reason for update
S1000DBIKE-AAA-D00-00-00-00AA-00TA-A	Up issue to 002
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Added defaultBrSeverityLevel and brSeverityLevel. 2009-123IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Explain-unassigned-BREX-flag-value 2009-043IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT



(Co.	ntinued)
Data module code	Reason for update
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT

S1000DBIKE-AAA-D00-00-00-00AA-003A-A



(Continued)
Reason for update
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
0-00-00AA-022A-D
0-00-00AA-022A-D
0-00-00AA-022A-D
0-00-00AA-022A-D
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
D-00-00AA-022A-D Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
inconsistencies in BIKE BIKE-BR-00046, BIKE-

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-00-00AA-003A-A



(0	Continued)
Data module code	Reason for update
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040, BIKE-BR-00046, BIKE-BR-00056, and BIKE-BR-00069. 2009-134IGBRTT
S1000DBIKE-AAA-D00-00-00-00AA-022A-D	Editorial: Added Unique IDs to each Bike BREX rule. Editorial: Corrected typing errors and name inconsistencies in BIKE-BR-00037, BIKE-BR-00040,

S1000DBIKE-AAA-D00-00-00-00AA-003A-A



(Continued)				
Data module code	Reason for update			
	BIKE-BR-00046, BIKE-BR-00056, and BIKE- BR-00069. 2009-134IGBRTT			
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Common Information added			
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Detergent B substituted by Detergent C			
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Applicability added/changed			
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Applicability added/changed			
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Detergent B substituted by Detergent C			
S1000DBIKE-AAA-D00-00-00-00AA-258B-A	Detergent B substituted by Detergent C			
S1000DLIGHTING-AAA-D00-00-00-00AA-057A-A	Wire installation traceability			





List of abbreviations

Abbreviation	Definition
None	





List of terms

Term	Definition
None	





List of symbols

Symbol	Definition
None	





Technical standard record

The following record confirms that this publication incorporates all technical changes necessitated by the following modifications listed below.

Mod No.	ESA 65
---------	--------

ESA70 ESA3690 ESA7174 DT28 PA562 PA569 SE132 TR20 TR22

TR23

Service bulletin X4-A-00-21-00-05B-930A-A

X4-A-00-21-00-06A-930A-A X4-A-00-22-00-11A-930A-A X4-A-00-23-00-05C-930A-A





Table of contents

The listed documents are included in issue 002, dated 2023-02-01, of this publication.

Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Title page	S1000DBIKE-AAA-D00-00-00- 00AA-001A-A	2023-02-01		All
Configuration	\$1000DBIKE-AAA-D00-00-00- 00AA-020A-A	2022-12-31	1	All
Copyright statements	\$1000DBIKE-AAA-D00-00-00- 00AA-021A-A	2022-12-31	1	All
Administrative and legal statements	S1000DBIKE-AAA-D00-00-00- 00AA-023A-A	2022-12-31	1	All
Bicycle – Safety statements	S1000DBIKE-AAA-D00-00-00- 00AA-012A-A	2022-12-31	1	All
Change record	S1000DBIKE-AAA-D00-00-00- 00AA-00TA-A	2022-12-31	1	All
Technical standard record	\$1000DBIKE-AAA-D00-00-00- 00AA-008A-A	2022-12-31	1	All
Products cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00PA-D	2016-12-31	2	All
Conditions cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00QA-D	2016-12-31	2	All
Applicability cross-reference table	\$1000DBIKE-AAA-D00-00-00- 00AA-00WA-D	2016-12-31	2	All
Bicycle – Introduction	\$1000DBIKE-AAA-D00-00-00- 00AA-018A-A	2022-12-31	1	All
Section 1 – Bicycle	\$1000DBIKE-AAA-D00-00-00- 01AA-001A-A	2022-12-31	1	All
Bicycle – Controls and Indicators	\$1000DBIKE-AAA-D00-00-00- 00AA-00XA-A	2016-12-31	3	All
Mountain bicycle – Business rules	\$1000DBIKE-AAA-D00-00-00- 00AA-022A-D	2016-12-31	11	
S1000DBIKE – Business rules document	\$1000DBIKE-AAA-D00-00-00- 00AA-024A-D	2016-12-31	1	All
Bicycle – Description of how it is made	\$1000DBIKE-AAA-D00-00-00- 00AA-041A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Bicycle – Description of function	S1000DBIKE-AAA-D00-00-00- 00AA-042A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Description attributed to crew	\$1000DBIKE-AAA-D00-00-00- 00AA-043A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Mountain bicycle – Applicability cross-reference table catalog	\$1000DBIKE-AAA-D00-00-00- 00AA-0A3A-D	2016-12-31	2	All
Bicycle – Pre-operation procedures (crew)	S1000DBIKE-AAA-D00-00-00- 00AA-121A-A	2016-12-31	6	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Riding a bicycle	\$1000DBIKE-AAA-D00-00-00- 00AA-130A-A	2016-12-31	1	
Bicycle – Normal operation procedures (crew)	S1000DBIKE-AAA-D00-00-00- 00AA-131A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Post-operation procedures (crew)	S1000DBIKE-AAA-D00-00-00- 00AA-151A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Servicing: Prerequisite concept review	\$1000DBIKE-AAA-D00-00-00- 00AA-200A-T-T36D	2016-12-31	1	,
Bicycle – Other procedures to clean	\$1000DBIKE-AAA-D00-00-00- 00AA-258A-A	2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Bicycle – Other procedures to clean	S1000DBIKE-AAA-D00-00-00- 00AA-258B-A	2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Place on test stand	\$1000DBIKE-AAA-D00-00-00- 00AA-330A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Standard repair procedures	S1000DBIKE-AAA-D00-00-00- 00AA-663A-A	2016-12-31	13	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Performance support	S1000DBIKE-AAA-D00-00-00- 00AA-952A-T-H31A	2016-12-31	1	
Bicycle – Illustrated Parts Data - IPD	S1000DBIKE-AAA-D00-00-00- 01AA-941A-D	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Manual test	\$1000DBIKE-AAA-D00-00-01- 00AA-341A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Remove procedures	S1000DBIKE-AAA-D00-00-01- 00AA-520A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Install procedures	S1000DBIKE-AAA-D00-00-01- 00AA-720A-A	2016-12-31	3	Mountain bicycle and Mountain storm Mk1



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Bicycle – Service Bulletin - Replacement of standard forward fork by telescopic fork	S1000DBIKE-AAA-D00-00-01- 00AA-930A-A	2016-12-31	11	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Replacement procedure	\$1000DBIKE-AAA-D00-00-01- 00AA-933A-A	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle axis – Modification procedures	\$1000DBIKE-AAA-D00-00-01- 00AA-93AA-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Fork – Install procedures	S1000DBIKE-AAA-D00-00-01- 00AB-720A-A	2016-12-31	3	Mountain bicycle and Brook trekker Mk9
Bicycle – Time limits	\$1000DBIKE-AAA-D05-10-00- 00AA-000A-A	2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Scheduled maintenance lists	\$1000DBIKE-AAA-D05-20-00- 00AA-000A-A	2016-12-31	12	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Scheduled maintenance checks	\$1000DBIKE-AAA-D05-40-00- 00AA-000A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Bicycle – Maintenance Allocation Chart	S1000DBIKE-AAA-D05-80-00- 00AA-916A-A	2016-12-31	9	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Wheel – Description of how it is made	S1000DBIKE-AAA-DA0-00-00- 00AA-041A-A	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Wheels – Description of how it is made: Knowledge Check	\$1000DBIKE-AAA-DA0-00-00- 00AA-041A-T-T61E	2016-12-31	1	
Inner tube – Remove and install a new item	S1000DBIKE-AAA-DA0-10-10- 00AA-921A-A	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Tire – Fill with air	\$1000DBIKE-AAA-DA0-10-20- 00AA-215A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Tire – Check pressure	S1000DBIKE-AAA-DA0-10-20- 00AA-362B-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front wheel – Fault reports and isolation procedures	S1000DBIKE-AAA-DA0-10-20- 00AA-400A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front wheel – Remove procedures: Interactive content - Procedure	S1000DBIKE-AAA-DA0-10-20- 00AA-520A-T-T4JC	2016-12-31	1	
Tire – Remove and install a new item	S1000DBIKE-AAA-DA0-10-20- 00AA-921A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Rear wheel – Detected fault	\$1000DBIKE-AAA-DA0-20-00- 00AA-412A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Rear wheel – Remove procedures	S1000DBIKE-AAA-DA0-20-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front wheel – Remove procedures	\$1000DBIKE-AAA-DA0-30-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front wheel – Install procedures	S1000DBIKE-AAA-DA0-30-00- 00AA-720A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake system – Description of how it is made	\$1000DBIKE-AAA-DA1-00-00- 00AA-041A-A	2016-12-31	8	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake system – Manual test	S1000DBIKE-AAA-DA1-00-00- 00AA-341A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Brake pads – Clean with rubbing alcohol	S1000DBIKE-AAA-DA1-10-00- 00AA-251A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Front brake – Remove procedures	S1000DBIKE-AAA-DA1-20-00- 00AA-520A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Front brake – Install procedures	S1000DBIKE-AAA-DA1-20-00- 00AA-720A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Steering – Description of how it is made	S1000DBIKE-AAA-DA2-00-00- 00AA-041A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Steering – Description of how it is made: Knowledge Check	S1000DBIKE-AAA-DA2-10-00- 00AA-041A-T-T62E	2016-12-31	1	
Stem – Remove procedures	S1000DBIKE-AAA-DA2-10-00- 00AA-520A-A	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Stem – Install procedures	\$1000DBIKE-AAA-DA2-10-00- 00AA-720A-A	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Handlebar – Remove procedures	\$1000DBIKE-AAA-DA2-20-00- 00AA-520A-A	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Handlebar – Install procedures	\$1000DBIKE-AAA-DA2-20-00- 00AA-720A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Headset – Description of how it is made	\$1000DBIKE-AAA-DA2-30-00- 00AA-041A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Headset – Remove procedures	\$1000DBIKE-AAA-DA2-30-00- 00AA-520A-A	2016-12-31	4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Headset – Install procedures	\$1000DBIKE-AAA-DA2-30-00- 00AA-720A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Spacer – Install procedures	\$1000DBIKE-AAA-DA2-40-00- 00AA-720A-A	2016-12-31	2	Mountain bicycle and Mountain storm Mk1
Frame – Description of how it is made	\$1000DBIKE-AAA-DA3-00-00- 00AA-041A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Horn – Isolated fault	\$1000DBIKE-AAA-DA3-10-00- 00AA-411A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Horn – Remove and install a new item	\$1000DBIKE-AAA-DA3-10-00- 00AA-921A-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Drivetrain – Description of how it is made	\$1000DBIKE-AAA-DA4-00-00- 00AA-041A-A	2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Chain – Oil	\$1000DBIKE-AAA-DA4-10-00- 00AA-241A-A	2016-12-31	10	All
Chain – Clean with chain cleaning fluid	S1000DBIKE-AAA-DA4-10-00- 00AA-251B-A	2016-12-31	3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Drive train – Correlated fault	\$1000DBIKE-AAA-DA4-10-00- 00AA-414A-A	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Gears – Description of how it is made	\$1000DBIKE-AAA-DA5-00-00- 00AA-041A-A	2016-12-31	1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Mechs – Description of how it is made	S1000DBIKE-AAA-DA5-10-00- 00AA-041A-A	2016-12-31	5	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Hubs – Clean with degreasing agent	\$1000DBIKE-AAA-DA5-20-00- 00AA-251C-A	2016-12-31	5	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Shifters – Description of how it is made	\$1000DBIKE-AAA-DA5-30-00- 00AA-041A-A	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Section 2 – Brakes	\$1000DBIKE-AAA-D00-00-00- 02AA-001A-A	2022-12-31	1	All
Applicability cross-reference table	BRAKE-AAA-D00-00-00-00AA- 00WA-D	2016-12-31	1	All
Brake system – Description of how it is made	BRAKE-AAA-DA1-00-00-00AA- 041A-A	2016-12-31	8	

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-00-00AA-009A-A



Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Brake system – Manual test	BRAKE-AAA-DA1-00-00-00AA- 341A-A	2016-12-31	2	
Brake pads – Clean with rubbing alcohol	BRAKE-AAA-DA1-10-00-00AA- 251A-A	2016-12-31	3	
Section 3 – Electrical Lighting System	\$1000DBIKE-AAA-D00-00-00- 03AA-001A-A	2022-12-31	1	All
Lighting – Functional item numbers common information repository	S1000DLIGHTING-AAA-D00-00- 00-00AA-00EA-D	2016-12-31	6	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Parts common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-00GA-D	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Zones common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-00HA-D	2016-12-31	2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lighting – Support equipment common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-00NA-D	2016-12-31	7	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Wiring data – Field description	\$1000DLIGHTING-AAA-D00-00- 00-00AA-029A-A	2016-12-31	1	
Electrical system – Description of how it is made and its function	\$1000DLIGHTING-AAA-D00-00- 00-00AA-040A-A	2016-12-31	2	
Wiring – Equipment lists	\$1000DLIGHTING-AAA-D00-00- 00-00AA-056A-A	2016-12-31	3	
Wiring – Wire list	\$1000DLIGHTING-AAA-D00-00- 00-00AA-057A-A	2016-12-31	7	
Wiring – Loom list	\$1000DLIGHTING-AAA-D00-00- 00-00AA-058A-A	2016-12-31	2	
Lighting – Functional and/or physical areas repository	S1000DLIGHTING-AAA-D00-00- 00-00AA-0A1A-D	2016-12-31	11	All



	(Continued)			
Document title	Data module code Publication module code	Issue date	No. of pages	Applicable to
Lighting – Applicability common information repository	\$1000DLIGHTING-AAA-D00-00- 00-00AA-0A2A-D	2016-12-31	3	All bicycles applicability
Lights – Manual test	\$1000DLIGHTING-AAA-D00-00- 00-00AA-341A-A	2016-12-31	2	
Lights – Observed fault	\$1000DLIGHTING-AAA-D00-00- 00-00AA-413A-A	2016-12-31	3	
Lighting – Assemble, install and connect procedures	\$1000DLIGHTING-AAA-D00-00- 00-00AA-700A-A	2016-12-31	3	
Lighting – Remove and install a new item	\$1000DLIGHTING-AAA-D00-00- 00-00AA-921A-A	2016-12-31	4	
Lights – Warning repository	\$1000DLIGHTING-AAA-D00-00- 00-01AA-012A-A	2016-12-31	1	
Light system – Illustrated Parts Data - IPD	\$1000DLIGHTING-AAA-D00-00- 00-01AA-941A-D	2016-12-31	3	
Lights – Caution repository	\$1000DLIGHTING-AAA-D00-00- 00-02AA-012A-A	2016-12-31	1	





List of applicable specifications and documentation

Technical publication	Title
	Local Disposal Procedures
D6-1234	My Publication (D6-1234)
S1000DBIKE-B6865- SAFE1-00	(Safety Handbook - Greasy Bikes)
SafeS-12-156B	Sticky stuff - Safety sheet (SafeS-12-156B)





List of support equipment

Name	Identifiaction/ Reference	Manufacturer
- Saw tool set		
8mm Allen wrench	BSK-TLST-001-08	KZ666
Chain cleaning fluid	LL-003	KZ222
Chain cleaning tool	BSK-TLST-001-03	KZ666
Clean dry cloth	BSK-TLST-001-12	KZ666
Extra firm hold hairspray	HSP-D001	HS111
Floor covering	PPP-001	KK999
Foot pump	BSK-TLST-001-05	KZ666
Marker pen	BSK-TLST-001-07	KZ666
Saw tool set		
- Saw tool	BSK-TW-100	KZ666
- Threading tool	BSK-THR-3001	KZ666
Set of Allen wrenches	BSK-TLST-001-13	KZ666
Special Toolset		
- Screwdriver		
Specialist toolset	BSK-TLST-001	KZ666
Sponge	BSK-TLST-001-11	KZ666
Stiff bristle brush	BSK-TLST-001-02	KZ666
Test stand	BSK-TLST-999-01	KZ666
Tire lever	BSK-TLST-001-04	KZ666
Tire pressure gauge	BSK-TLST-001-01	KZ666
Water hose	BSK-TLST-001-09	KZ666
Work stand	Stand-001	KZ555
Work stand	Stand-001	Bikey
Work stand	Stand-001	Stand





List of supplies

Name	Identifiaction/ Reference	Manufacturer
ACME Middling Detergent 69	BSK-TLST-023-14	KZ666
ACME sticky lube 52B	LL-007	KZ222
ACME super 45 Agent	LL-004	KZ222
AECMA Heavy duty Oil 1988	HD1988	B6865
BoeBus DeLux Detergent No.6	BSK-TLST-001-15	KZ666
Floor covering		
General grease	LL-005	KZ222
General lubricant	LL-001	KZ222
Rubbing alcohol	LL-002	KZ222





List of spares

Name	Identifiaction/ Reference	Manufacturer
Brake cable hangar	BR-LVRS-002	KT444
Brake lever	BR-LVRS-001	KT444
Brake lever mount	BR-LVRS-001-01	KT444
Bulb	LIRUS-L1-11 CSN D00-00-00 Fig 01A Item 01000A	KZ777
Conical expansion washer	St-001-05	KZ555
Dust seal	St-001-04	KZ555
Fork		
- Fork		
Fork		
- Fork		
Fork set	SPA-1000-1	KZ666
- Fork	FK-TEL1001	KZ666
Fork set		
- Fork set		
Frame fork	St-001-02	KZ555
Glass	LIRUS-G1-10 CSN D00-00-00 Fig 01A Item 02200A	KZ777
Glass	LIRUS-G1-10H CSN D00-00-00 Fig 01A Item 02300A	KZ777
- Glass	LIRUS-G1-10	KZ777
Handlebar	Hd-001	KZ555
Handlebar grips	Hd-001-01	KZ555
Handlebar plug	Hd-001-02	KZ555
Inner-tube	IT-001	KT222
Kit		
- Bulb ^[1]	LIRUS-B1-12F	KZ777
- Bulb[1]	LIRUS-B1-12R	KZ777
Shifter lever	SI-001	KZ555
Stem	St-001	KZ555
Stem bolt	St-001-01	KZ555

Note 1: Make sure that the new bulb is not cracked.



(Continued)			
Name	Identifiaction/ Reference	Manufacturer	
Tire	TIRES-010101	KT666	
Upper bearing cup	St-001-03	KZ555	
Wheel axis	BSK-AXS-2001	KZ666	
- Wheel axis	BSK-AXS-2000	KZ666	

Note 1: Make sure that the new bulb is not cracked.



List of illustrations

Data module code	Figure	Title
S1000DBIKE-AAA-D00-00-00-00AA-00XA-A	Fig 1	Bicycle Controls and Indicators
S1000DBIKE-AAA-D00-00-00-00AA-041A-A	Fig 1	Complete bicycle
S1000DBIKE-AAA-D00-00-00-00AA-121A-A	Fig 1	Hydraulic brake function
	Fig 2	Brake pad seating
S1000DBIKE-AAA-D00-00-00-00AA-258A-A	Fig 1	Cleaning the bike
	Fig 2	Degreasing the freehub
S1000DBIKE-AAA-D00-00-00-00AA-258B-A	Fig 1	Cleaning the bike
	Fig 2	Degreasing the freehub
S1000DBIKE-AAA-D00-00-00-00AA-663A-A	Fig 1	Unseating the tire with a tire lever
	Fig 2	Circle leak
	Fig 3	Sanding the application area
	Fig 4	Apply glue to application area
	Fig 5	Apply pressure to tube
S1000DBIKE-AAA-D00-00-010-01AA-941A-D	Fig 1	Bicycle
S1000DBIKE-AAA-DA0-00-00-00AA-041A-A	Fig 1	Parts of the wheel
	Fig 2	The tire and rim
	Fig 3	Valve
S1000DBIKE-AAA-DA0-10-10-00AA-921A-A	Fig 1	Removing the inner tube
S1000DBIKE-AAA-DA1-00-00-00AA-041A-A	Fig 1	Cantilever brake with straddle cable
	Fig 2	Exploded diagram of a brake
	Fig 3	Typical components of a mountain bicycle lever
S1000DBIKE-AAA-DA2-10-00-00AA-520A-A	Fig 1	Remove the bolt
S1000DBIKE-AAA-DA2-10-00-00AA-720A-A	Fig 1	Lubricate the thread
	Fig 2	Tighten the bolt
S1000DBIKE-AAA-DA2-20-00-00AA-520A-A	Fig 1	Loosen the clamp screw with the Allen wrench
	Fig 2	Loosen the clamp bolt
S1000DBIKE-AAA-DA2-30-00-00AA-041A-A	Fig 1	Headset
S1000DBIKE-AAA-DA2-30-00-00AA-520A-A	Fig 1	Lift the upper bearing cup
S1000DBIKE-AAA-DA3-00-00-00AA-041A-A	Fig 1	Welded frame joints
	Fig 2	Frame
S1000DBIKE-AAA-DA4-10-00-00AA-241A-A	Fig 1	Derailleur pivots
	Fig 2	Derailleur tension



	(Continue	ed)
Data module code	Figure	Title
	Fig 3	Brake lever pivots
	Fig 4	Lubricate the chain
S1000DBIKE-AAA-DA5-10-00-00AA-041A-A	Fig 1	Front derailleur
	Fig 2	Rear derailleur
S1000DBIKE-AAA-DA5-20-00-00AA-251C-A	Fig 1	Removing the axle
S1000DBIKE-AAA-DA5-30-00-00AA-041A-A	Fig 1	Thumb shifter index type
	Fig 2	Unscrew wingnut
	Fig 3	Loosen the nut
	Fig 4	Loosen the shifter clamp bolt
BRAKE-AAA-DA1-00-00-00AA-041A-A	Fig 1	Cantilever brake with straddle cable
	Fig 2	Exploded diagram of a brake
	Fig 3	Typical components of a mountain bicycle lever
\$1000DLIGHTING-AAA-D00-00-00-00AA- 040A-A	Fig 1	Lighting system
\$1000DLIGHTING-AAA-D00-00-00-01AA- 941A-D	Fig 1	Light system



Product cross-reference table

Table 1 List of product instances

Identifier	Туре	Value	
Product instance			
SerialNo	Product attribute	1B070643	
model	Product attribute	Brook trekker	
version	Product attribute	Mk9	
versrank	Product attribute	2	
SB-S001	Condition	Pre	
Product instance			
SerialNo	Product attribute	1B070644	
model	Product attribute	Brook trekker	
version	Product attribute	Mk9	
versrank	Product attribute	1	
SB-S001	Condition	Post	
Product instance			
SerialNo	Product attribute	1B070701	
model	Product attribute	Mountain storm	
version	Product attribute	Mk1	
versrank	Product attribute	1	
SB-S001	Condition	Pre	





Condition cross-reference table

Table 1 Common types of conditions

Name	Description	Data type	Values
Id	_	Value pattern	_
Service bulletin	Generic service bulletin type	String	PRE POST-001~POST-999
generic Boolean condition Boolean	Boolean condition	String	True False

Table 2 Conditions

Name	Condition type	Description	Data type	References	Dependency
Display name (Id)	Alias	Prompt	Value pattern	Condition ref group	-
Service bulletin S001 - Chain guard	SB	Service bulletin S001 for the installation of the chain guard	String	\$1000DBIKE-AAA-DA0- 20-00-00AA-520A-A	Values: POST-001 Applic: A-1
(SB-S001)					
tour finished	Boolean	finished tour	String		
(tourFinished)					

Table 3 Incorporation

ld	Issue No.	References	Date	Status
SB-S001	00	S1000DBIKE-AAA-DA0-20-00-00AA-520A-A	2007-07-31	Incorporated
SB-S001	01	S1000DBIKE-AAA-DA0-20-00-00AA-520A-A		No effect





Applicability cross-reference table

Conditions cross-reference table: S1000DBIKE-AAA-D00-00-00-00AA-00QA-D Products cross-reference table: S1000DBIKE-AAA-D00-00-00-00AA-00PA-D

Table 1 Product attribute list

Name	Description	Data type	Values
Display name (ld)	_	Value pattern	_
Serial number SN (SerialNo)	Serial number (etched on the frame) (Hint: Serial Number (locate under the bottom bracket where the two pedal cranks meet)	String	
Туре	Type of bike	String	
(type)			
Model	Model of the bike	String	Brook trekker Mountain
(model)		.*	storm
Version	Version of the bike	String	Mk1 Mk9
(version)		Mk(1 9)	
Version rank	Version rank	Integer	1~3
series (versrank)			
Brake Serial number	Serial number on the brake	String	
BSN (brakeSerialno)			
External product attribute		String	
Brake model - The model of the brake in a bike (brakeModel)			





Bicycle

Introduction

lable of contents	
	1
	1
References	
Table 1 References	
Title	
	References Table 1 References

Description

1 Introduction goes here...





Section 1

Bicycle





Bicycle

Controls and Indicators

Table of contents		Page
R G	Controls and Indicators	1 1
List of ta	ables	
1	References	1
List of fig	gures	
1	Bicycle Controls and Indicators	2
	References	
	Table 1 References	
Data modu	le / Technical publication Title	
None		

General information

1 Introduction

The following table(s) and illustration(s) provide the description and use of the controls and indicators pertaining to the mountain bicycle(s). Some controls and indicators may differ depending on the model.



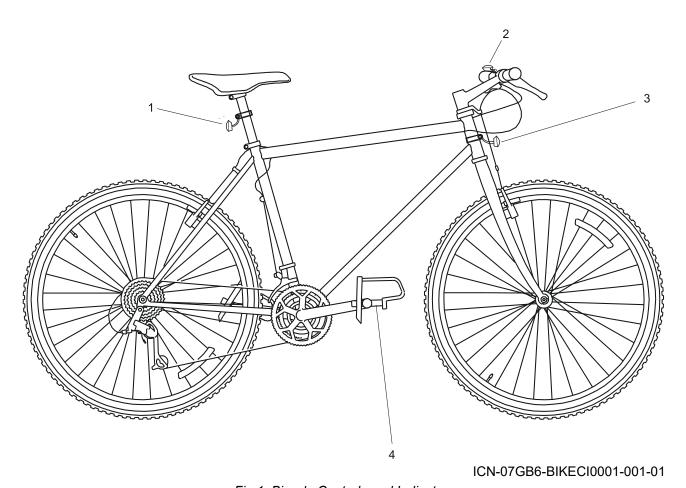


Fig 1 Bicycle Controls and Indicators

Controls and indicators repository

1	Control or indicator group References:	Fig 1
1.1	ci-0001	
	Key:	1
	Name:	LED Taillight
	Description	

Control or indicator functions:

- Lights illuminate automatically when brakes are engaged.



1.2	ci-0002
	Key: 2
	Name: Chrome Bell
	Description Control or indicator functions:
	 Press to sound bell. Normally used to signal a need for attention.
1.3	ci-0003
	Key: 3
	Name:LED Headlight
	Description
	Control or indicator functions:
	- Push button to turn light on or off .
1.4	ci-0004
	Key: 4
	Name: Platform Pedals
	Description Control or indicator functions:
	Central the acceleration of the bioyala

Control the acceleration of the bicycle.





Mountain bicycle

Business rules

lable	ot co	ontents		Page
	Refe Gene Busir Cont	rences eral information ness rules exchange ext rules		
List	of tabl	References		
			References	
			Table 1 References	
Data n	nodule /	Technical publication	Title	
None				

Business rules exchange

General information

Introduction to the Bike BREX DM

The Bike BREX data module has primarily been developed to

- serve as an example of how a BREX data module is meant to be used
- to control and guide the continuous development of the Bike data set

The Bike BREX will be subject of continuous enhancements to ensure that each new specification issue is appropriately represented in the BREX module.



Context rules

Table 2 Context rules

No.	No. [Allowed object flag] Object path/Notation name		
	Object use	Object value [Tailoring]	Meaning
1	[2] //dmAddress/dmIdent/dmCode/@	modelldentCode	
	Bike model identification	S1000DBIKE [Closed]	S1000D Bike platform
		S1000DLIGHTING [Closed]	S1000D Bike light system
		BRAKE [Closed]	S1000D Brake system
2	[2] //dmAddress/dmIdent/dmCode/@	systemCode	
	Systems (Bike specific SNS)	D00~D09	
		DA0~DA9	
3	[2] //dmAddress/dmIdent/dmCode/@	subSystemCode	
	Subsystems (Bike specific SNS)	0~9	
4	[2] //dmAddress/dmIdent/dmCode/@	subSubystemCode	
	Subsubsystems	0~9	
5	[2] //dmAddress/dmIdent/dmCode/@)assyCode	
	Units or assembly	00~99	
6	[2] //dmAddress/dmIdent/dmCode/@	infoCode	
	Bike information codes	000 [Closed]	Function, data for plans and description
		001 [Restrictable]	Title page
		002 [Restrictable]	List of pages or data modules See also code 00R and code 00S
		009 [Restrictable]	Table of contents
		00E [Restrictable]	Functional item numbers common information repository
		00G [Restrictable]	Parts common information repository
		00H [Restrictable]	Zones common information repository
		00N [Restrictable]	Support equipment common information repository
		00P [Restrictable]	Product Cross-reference Table (PCT)
		00Q [Restrictable]	Conditions Cross-reference Table (CCT)
		00W [Restrictable]	Applicability Cross-reference Table (ACT)
		00X [Restrictable]	Controls and indicators common information repository

Applicable to:



Table 2 Context rules (Continued)

Object use	Object value [Tailoring]	Meaning
	0A1 [Restrictable]	Functional and/or physical areas repository
	0A2 [Restrictable]	Applicability repository
	0A3 [Restrictable]	Applicability cross reference catalog
	012 [Restrictable]	General warnings and cautions and related safety data
	018 [Closed]	Introduction
	022 [Closed]	Business rules
	024 [Closed]	Business rules document
	028 [Closed]	General
	029 [Closed]	Data structure
	040 [Closed]	Description
	041 [Closed]	Description of how it is made
	042 [Closed]	Description of function
	043 [Closed]	Description of function attributed to crew (functional breakdown)
	056 [Closed]	Equipment list
	057 [Closed]	Wire list
	058 [Closed]	Harness list
	100 [Closed]	Operation
	121 [Closed]	Pre-operation procedure
	130 [Restrictable]	Normal operation
	131 [Closed]	Normal operation procedure
	151 [Closed]	Post-operation procedure
	200 [Closed]	Servicing
	215 [Closed]	Fill with air
	241 [Closed]	Oil
	251 [Closed]	Clean with chemical agent
	258 [Closed]	Other procedure to clean
	310 [Closed]	Visual examination
	330 [Closed]	Test preparation
	341 [Closed]	Manual test
	362 [Closed]	Pressure check
	400 [Closed]	Fault reports and isolation procedu

Applicable to:

Produced by Docuneering Ltd.



Table 2 Context rules (Continued)

No.	[Allowed object flag] Object path/Notation name		
	Object use	Object value [Tailoring]	Meaning
		411 [Closed]	Isolated fault
		412 [Closed]	Detected fault
		413 [Closed]	Observed fault
		414 [Closed]	Correlated fault
		520 [Closed]	Remove procedure
		663 [Closed]	Standard repair procedure
		700 [Closed]	Assemble, install and connect procedures
		720 [Closed]	Install procedure
		913 [Closed]	General maintenance procedure
		916 [Restrictable]	Maintenance allocation
		920 [Closed]	Change = Remove and install
		921 [Closed]	Change = Remove and install a new item
		930 [Restrictable]	Service Bulletin
		933 [Restrictable]	Accomplishment instruction
		93A [Restrictable]	Modification procedures
		941 [Closed]	Illustrated parts data
		952 [Restrictable]	Generic learning content
7	[0] //descendant-or-self::orderedList[[not(ancestor-or-self::des	scription)]
	Sequential (numbered) lists not allowed unless in descriptive data modules		
8	[0] //note[ancestor-or-self::warning]		
	Notes are not allowed in Warnings		
9	[0] //warning/orderedList		
	Ordered lists are not allowed in Warnings		
10	[0] //warning/definitionList		
	Definition lists are not allowed in Warnings		
11	[0] //warning/randomList/listItem/rand	domList	
	Random lists must not be nested within Warnings		



Table 2	Context rules	(Continued)
---------	---------------	-------------

No.	[Allowed object flag] Object path/Notation name		
	Object use	Object value [Tailoring]	Meaning
12	[0] //warning/randomList/title		
	Random list titles are not allowed in Warnings		
13	[0] //note[ancestor-or-self::caution]		
	Notes are not allowed in Cautions		
14	[0] //caution/orderedList		
	Ordered lists are not allowed in Cautions		
15	[0] //caution/definitionList		
	Definition lists are not allowed in Cautions		
16	[0] //caution/randomList/listItem/rand	omList	
	Random lists must not be nested within Cautions		
17	[0] //caution/randomList/title		
	Random list titles are not allowed in Cautions		
18	[2] //@accessPointTypeValue		
	Type of access point	accpnl01 [Closed]	Access is a door
		accpnl02 [Closed]	Access is a panel
		accpnl03 [Closed]	Access is an electrical panel
19	[2] //acronym/@acronymtype		
	Type of acronym or abbreviation	at01 [Closed]	Acronym (Candidate for list of abbreviations) - Default value
		at02 [Closed]	Term (Candidate for list of terms)
		at03 [Closed]	Symbol (Candidate for list of symbols
		at04 [Closed]	Spec (Candidate for list of applicable specs)
20	[2] //dialog/@cancelCaption		
	Caption for dialog cancel function	ca01 [Closed]	Sets the caption to "CANCEL"
		ca02 [Closed]	Sets the caption to "ABORT"
		ca03 [Closed]	Sets the caption to "NO"
		ca04 [Closed]	Sets the caption to "END"
		ca05 [Closed]	Sets the caption to "QUIT"

Produced by Docuneering Ltd.

Applicable to:



Table 2 Context rules (Continued)

No.	o. [Allowed object flag] Object path/Notation name		
	Object use	Object value [Tailoring]	Meaning
21	[2] //security/@securityClassification		
	Security classification	01 [Closed]	1 (lowest level of security classification, eg Unclassified)
22	[2] //security/@commercialClassifica	tion	
	Commercial security classification	cc51 [Closed]	Open
23	[2] //caption/@color		
	Caption color	co00 [Closed]	None
		co01 [Closed]	Green
		co02 [Closed]	Amber
		co03 [Closed]	Yellow
		co04 [Closed]	Red
		co07 [Closed]	White
		co08 [Closed]	Grey
		co09 [Closed]	Clear - Default value
		co51 [Closed]	Blue (used on Bike Computer Display)
24	[0] //commentPriority[not(attribute::ce	ommentPriorityCode)]	
	Priority level of a comment required		
25	[2] //@commentPriorityCode		
	Priority level of a comment	cp01 [Closed]	Routine
		cp02 [Closed]	Emergency
		cp03 [Closed]	Safety critical
26	[0] //crewMember[not(attribute::crew	MemberType)]	
	Type of crew member required for drill or procedural step		
27	[2] //@crewMembertype		
	Type of crew member	cm01 [Closed]	All
		cm51 [Closed]	Bike rider
		cm52 [Closed]	Bike technician
28	[0] //crewDrill/@drillType		
	Types of aircrew drills do not apply to the Bike DMs		



Table 2 Context rules (Continued)

	Object use Object value Meaning			
		[Tailoring]		
29	[2] //emphasis/@emphasisType			
	Type of emphasis	em01 [Closed]	Bold - Default value	
		em02 [Closed]	Italic (only for legacy data, see Chap 3.9.1)	
		em03 [Closed]	Underline (only for legacy data, see Chap 3.9.1)	
		em04 [Closed]	Overline (only for marking vectors)	
		em05 [Closed]	Strikethrough (not to be used to mark deleted text)	
30	[2] //installationLocation/@installation	nLocationType		
	Type of install location	instloctyp02 [Closed]	Section	
		instloctyp03 [Closed]	Station	
		instloctyp04 [Closed]	Water line	
		instloctyp05 [Closed]	Buttock line	
		instloctyp60 [Closed]	Frame	
31	[2] //maintLevel/@maintLevelCode			
	Maintenance level	ml01 [Closed]	Level 1 (home)	
		ml02 [Closed]	Level 2 (authorized workshop)	
32	[2] //@itemOriginator			
	Origin of equipment/harness/wire	orig01 [Closed]	Manufacturer	
		orig02 [Closed]	Vendor	
		orig03 [Closed]	Partner	
33	[2] //randomList/@listItemPrefix			
	Prefix of 'randomList' items, limited to three variants	pf01 [Closed]	Simple (No prefix, only indent)	
		pf02 [Closed]	Unorder (Depending on list level, pref with short dash for first level, bullet fo second, and short dash for third level ISOpub: bull, dash) - Default value	
		pf03 [Closed]	Dash (short dash - ISOpub: dash)	
34	[2] //inlineSignificantData/@significal	ntParaDataType		
	Paragraph significant data type	psd01 [Closed]	Ammunition	
		psd02 [Closed]	Instruction disposition	
		psd03 [Closed]	Lubricant	
		psd04 [Closed]	Maintenance level	

Produced by Docuneering Ltd.

Applicable to:



Table 2 Context rules (Continued)

No.	[Allowed object flag] Object path/Notation name		
	Object use	Object value [Tailoring]	Meaning
		psd05 [Closed]	Manufacturer code
		psd06 [Closed]	Manufacturers recommendation
		psd07 [Closed]	Modification code
		psd08 [Closed]	Qualification code
		psd09 [Closed]	Training level
		psd10 [Lexical]	Control or Indicator value
35	[2] //quantity/@quantityType		
	Quantity data type	qty01 [Closed]	Length
		qty02 [Closed]	Price
		qty03 [Closed]	Temperature
		qty04 [Closed]	Time
		qty05 [Closed]	Torque value
		qty06 [Closed]	Voltage
		qty07 [Closed]	Volume
		qty08 [Closed]	Mass
36	[2] //dialog/@resetCaption		
	Caption for dialog reset caption	re01 [Closed]	Sets the caption to "RESET"
		re02 [Closed]	Sets the caption to "CLEAR"
37	[2] //commentResponse/@response	Туре	
	Type of response to a comment	rt01 [Closed]	Accepted
		rt02 [Closed]	Pending
		rt03 [Closed]	Partially accepted
		rt04 [Closed]	Rejected
38	[2] //@skillLevelCode		
	Personnel skill level	sk01 [Closed]	Basic
		sk02 [Closed]	Intermediate
		sk03 [Closed]	Advanced
39	[2] //@submitCaption		
	Caption for dialog submit function	ok01 [Closed]	Sets the caption to "OK"
		ok02 [Closed]	Sets the caption to "SUBMIT"
		ok03 [Closed]	Sets the caption to "YES"
		ok04 [Closed]	Sets the caption to "CONTINUE"
		ok05 [Closed]	Sets the caption to "EXIT"

Applicable to:



Table 2 Context rules (Continued)

	Object use	Object value	Meaning
	-	[Tailoring]	
)	[2] //supervisorLevel/@superviso	rLevelCode	
	Supervisor level	sl01 [Closed]	Low
		sl02 [Closed]	Low intermediate
		sl03 [Closed]	High intermediate
		sl04 [Closed]	High
	[2] //@taskCode		
	Task code	taskcd01 [Closed]	Detailed inspection (DET)
		taskcd02 [Closed]	Discard (DIS)
		taskcd03 [Closed]	Functional Check (FNC)
		taskcd04 [Closed]	General visual inspection (GVI)
		taskcd05 [Closed]	Lubrication (LUB)
		taskcd06 [Closed]	Operational check (OPC)
		taskcd07 [Closed]	Restoration (RST)
		taskcd08 [Closed]	Servicing (SVC)
		taskcd09 [Closed]	Visual check (VCK)
2	[2] //limitType/@limitUnitType		
	Limit type	It01 [Closed]	Time between overhaul
		It02 [Closed]	Hard time
		It03 [Closed]	Since last maintenance
		It04 [Closed]	Out time limit
		It05 [Closed]	On condition
		It06 [Closed]	Check maintenance
		It07 [Closed]	Functional check
3	[2] //threshold/@thresholdUnitOfN	Measure	
	Unit of measurement for the threshold interval	th03 [Closed]	Months
		th04 [Closed]	Weeks
		th05 [Closed]	Years
		th06 [Closed]	Days
		th11 [Closed]	Shop visits
		th12 [Closed]	Auxiliary power unit change
		th14 [Closed]	Wheel change
		th35 [Lexical]	kilometer

Produced by Docuneering Ltd.

Applicable to:



Table 2 Context rules (Continued)

No. [Allowed object flag] Object path/Notation name			
	Object use	Object value [Tailoring]	Meaning
44	[2] //sourceType/@sourceTypeCode		
	indicates the type of source	stc51 [Closed]	fec
		stc52 [Closed]	sample
45	[2] //sourceType/@sourceCriticality		
	indicates the impact of not complying with the requirement	sc55 [Closed]	Evident, Safety
		sc56 [Closed]	Evident, operational
		sc57 [Closed]	Evident, Economic
		sc58 [Closed]	Hidden, Safety
		sc59 [Closed]	Hidden, Non-Safety
46	[2] //verbatimText/@verbatimStyle		
	Verbatim style	vs01 [Closed]	Generic verbatim
		vs02 [Closed]	Filename
		vs11 [Closed]	XML/SGML markup
		vs12 [Closed]	XML/SGML element name
		vs13 [Closed]	XML/SGML attribute name
		vs14 [Closed]	XML/SGML attribute value
		vs15 [Closed]	XML/SGML entity name
		vs16 [Closed]	XML/SGML processing instruction
		vs21 [Closed]	Program prompt
		vs22 [Closed]	User input
		vs23 [Closed]	Computer output
		vs24 [Closed]	Program listing
		vs25 [Closed]	Program variable name
		vs26 [Closed]	Program variable value
		vs27 [Closed]	Constant
		vs28 [Closed]	Class name
		vs29 [Closed]	Parameter name
47	[2] //@quantityUnitOfMeasure		
	Quantity data unit of measure - for further information refer to Chap 3.9.6.2 and the corresponding xml table		



Non context rules

Bike data modules must be reviewed and approved by EPWG before publishing.

The Bike data set must contain examples of how to apply constructs and principles representing various levels of concept sophistication.





S1000DBIKE

Business rules document

This is a "Business Rules Document (brDoc)" Data Module

The Documeering S1000D XSL-FO Stylesheets do not yet support the "Business Rules Document (brDoc)" Data Module





Bicycle

Description of how it is made

Table	Page			
	Refer	encesription	f a bicycle	1
List of	f tabl	es		
	1 2			
List of	f figu	res		
	1	Complete bicycle		2
			References	
			Table 1 References	
Data mo	odule /	Technical publication	Title	
None				

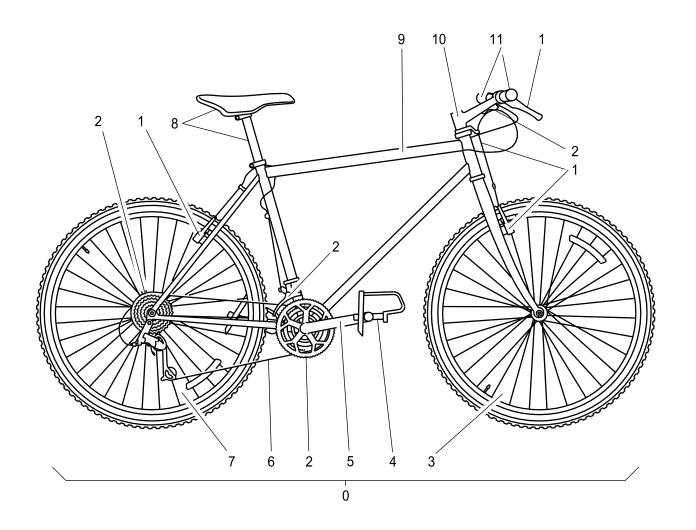
Description

1 Physical description of a bicycle

A bicycle (refer to Fig 1) is a frame and a number of movable components with mechanical parts that are completely open. There are no covers or sheet metal panels that prevent access to the mechanical parts. Thus, you can disassemble the different components of a bicycle (refer to Fig 1 [0]) to do:

- an inspection
- a maintenance task
- a repair task





ICN-C0419-S1000D0360-001-01

Fig 1 Complete bicycle

The parts that you can immediately identify on a bicycle are given in Table 2.

Table 2 Bicycle parts

welded together. Wheels The wheels include these parts: - Hub - Spokes	Item	Refer to	Definition
- Hub - Spokes	Frame	Fig 1 [9]	A bicycle frame is made of metal tubes that are welded together.
Metal rimRubber tire	Wheels		- Hub - Spokes - Metal rim

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Table 2 Bicycle parts (continued)	Table 2	Bicvcle	parts	(continued
-----------------------------------	---------	---------	-------	------------

Item	Refer to	Definition	
- Rear wheel	Fig 1 [7]		
- Front wheel	Fig 1 [3]		
Seat and seat post	Fig 1 [8]	These install into the seat tube with a mechanism you can use to change the height.	
Handle bars	Fig 1 [11]	A horizontal bar that attaches to the stem with grips at the ends that attach to the brake levers and the shifters.	
Handle bar stem	Fig 1 [10]	This attaches the handle bar to the steering tube (head set).	
Cranks	Fig 1 [5]	A lever that extends from the bottom of the bracket to the pedal.	
Pedals	Fig 1 [4]	The two platforms for the feet that attach to the crank.	
Chain	Fig 1 [6]	A circular set of links that connect the chain ring to the cogs on the freewheel.	
Gears	Fig 1 [2]	The gears include:	
		 Front chain ring Rear freewheel Front and the rear derailleur Shift lever on the handle bars Cables 	
Brakes	Fig 1 [1]	The brakes include:	
		Actuators on the handlebarsBrake cableBrake callipersBrake pads	





Bicycle

Description of function

lable of contents	Р	age'
•	cle	
List of tables		
1 References		1
Po	erences	
Ke.	rences	
Table	References	
Data module / Technical publication	Title	
S1000DBIKE-AAA-DA0-00-00-00AA-041A-A		
S1000DBIKE-AAA-DA1-00-00-00AA-041A-A		
S1000DBIKE-AAA-DA2-10-00-00AA-520A-A		
S1000DBIKE-AAA-DA2-10-00-00AA-720A-A		
S1000DBIKE-AAA-DA2-20-00-00AA-520A-A		
S1000DBIKE-AAA-DA2-20-00-00AA-720A-A		
S1000DBIKE-AAA-DA3-00-00-00AA-041A-A		
S1000DBIKE-AAA-DA4-10-00-00AA-251B-A		
S1000DBIKE-AAA-DA5-00-00-00AA-041A-A		
S1000DBIKE-AAA-DA5-10-00-00AA-041A-A		

Description

1 Functional description of a bicycle

S1000DBIKE-AAA-DA5-30-00-00AA-041A-A

Below is a list of the different bicycle components and a functional description of them.

Frame The frame is the skeleton of the bicycle. Refer to S1000DBIKE-

AAA-DA3-00-00-00AA-041A-A for a functional description of the

frame system.

Wheel The wheel is the point of contact between the bicycle and the

road for the bicycle to have movement. Refer to \$1000DBIKE-

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Produced by Docuneering Ltd.



AAA-DA0-00-00AA-041A-A for a functional description of the

wheel.

Spokes The spokes are thick wires with tension applied that connect the

hub to the rim. You can adjust the tension with the nipple on the

rim side.

Hub The hub attaches to the center of the wheel where the axle and

the bearings are.

Metal rim The metal rim is a metal ring that has a U-shaped cross section

to hold the spokes on the inner side and the tire on the outer

side.

Seat The seat, which is also known as the "saddle", is used as the

support platform for the person to sit on the bicycle.

Seat post The seat post is used as a support post for the seat and to

change the height of the seat for the rider.

Handle bar The handle bar is a horizontal bar with handles on each end.

The handle bar is a steering mechanism that the rider uses to change the direction of the bicycle. The brake levers are also on the handle bar. Refer to S1000DBIKE-AAA-DA2-20-00-00AA-720A-A for information on how to install the handle bar. Refer to S1000DBIKE-AAA-DA2-20-00-00AA-520A-A for information on

removing the handlebar.

Handle bar stem The handle bar stem (the stem) attaches the handle bar to

the steering tube. Refer to \$1000DBIKE-AAA-DA2-10-00-00AA-720A-A for information on how to install a stem. Refer to \$1000DBIKE-AAA-DA2-10-00-00AA-520A-A for information on

how to remove the stem.

Brake levers When you operate the brake lever, the brake pads move

against the wheel to decrease the speed. The brake lever on the left side operates the front brake. The brake lever on the

right side operates the rear brake.

Brakes When you operate the brakes, the brake pad moves against

the wheel to decrease the speed of the bicycle. Refer to S1000DBIKE-AAA-DA1-00-00-00AA-041A-A for a description of

the braking system.

Shifters The shifters are the mechanisms that you use to change the

gears on the bicycle. There are 7 different types of shifters that have been developed over the years, but they all have the same functionality. When you operate the shifters, they pull the control cable to move the derailleur towards a larger diameter chain ring. The shifters can also loosen the cable to let the derailleur move towards a smaller diameter chain ring. Refer to \$1000DBIKE-AAA-DA5-30-00-00AA-041A-A for a functional

description of the shifters.

Crank The crank moves the power to the chain rings when the pedals

operate.





Gears

Pedals The pedals move the force of movement from the feet to	the
---	-----

cranks.

Chain The chain moves the power from the chain rings to the cogs on

the freewheel. Refer to S1000DBIKE-AAA-DA4-10-00-00AA-

251B-A for the procedure on how to clean the chain.

The gears have different mechanisms that function together to

change the speed of the bicycle. These mechanisms include:

the sprockets

the chain

the derailleur

Refer to S1000DBIKE-AAA-DA5-00-00-00AA-041A-A for a

functional description of the gear system.

Chain rings The chain rings (also known as the "chain wheel") pull on the

chain when the cranks turn.

Derailleur A derailleur moves the chain from one sprocket to another to

change the gears. There are two different types of derailleur, the front and the rear. The highest ratio (highest gear) is when the chain is on the largest sprocket on the front and the smallest at the rear. To get the lowest gear, the smallest sprocket is at the front and the largest at the rear. Refer to \$1000DBIKE-AAA-DA5-10-00-00AA-041A-A for a functional description of the

derailleur system.





Bicycle

Description attributed to crew

Table of	contents Pag
	Steering S Shifters Brakes
List of ta	
1 2 3	Referencesshifter correlationbrake lever correlation
	References
	Table 1 References
Data modul	e / Technical publication Title
S1000DBIK	-AAA-DA5-30-00-00AA-041A-A

1 Introduction

Data about the bicycle and its control system is given in this document. This data will help you operate the bicycle.

2

2.1 Controls

Data about the controls that follow is given in this document:

- Para 2.2
- Para 2.3
- Para 2.4
- Para 2.5



2.2 Steering

The handlebars are used to steer the bike. They are at the front of the bicycle. You hold one of the handlebar grips with each hand and move the handle bar to change the direction of the bike.

2.3 Shifters

The gears control the ratio of pedal rotation to wheel rotation. You can change this with the shifters \$1000DBIKE-AAA-DA5-30-00-00AA-041A-A . The shifters are on the handlebar.

A description of the two Table 2 follows.

Table 2 shifter correlation

Shifter Location	Affected Gears
Left	The buttons on the left shifter changes the gears on the front derailleur.
Right	The buttons on the right shifter changes the gears on the rear derailleur.

2.4 Brakes

WARNING

If you operate the front brake without the rear brake you can cause a crash.

You can decrease the speed of the bike with the brakes. You operate the brakes with the brake levers on the handlebar.

A description of the Table 3 follows.

Table 3 brake lever correlation

Brake Lever Location	Affected Brake
Left	This lever operates the front brake.
Right	This lever operates the rear brake.

2.5 Pedals

The ci-0004 are at the bottom of the seat tube. You operate the ci-0004 to move the bicycle forward.



Applicability cross-reference table

Table 2 Applicability cross-reference table references

Data module	Title
S1000DBIKE-AAA-D00-00-00-00AA-00WA-D	

BRAKE-AAA-D00-00-00-00AA-00WA-D

Table 3 Product definition relationships

Data module	Туре	Values	Data module	Association type
brakeSerialNo	erialNo Product attribute		S1000DBIKE-AAA-D00-00-00-00AA-00WA-D	
SerialNo	Product attribute		BRAKE-AAA-D00-00-00-00AA-00WA-D	Alias
brakeModel	Product attribute \$1000DBIKE-AAA-D00-00-00		S1000DBIKE-AAA-D00-00-00-00AA-00WA-D	
model Product attribute			BRAKE-AAA-D00-00-00-00AA-00WA-D Exterior reference	





Bicycle

Pre-operation procedures (crew)

Table	of co	ontents	Page
	Refe Preli Proc	operation procedures (crew) erences iminary requirements cedure uirements after job completion	1 1 2
List of	f tab	les	
List of	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
	1 2	Hydraulic brake function Brake pad seating	
		References	
		Table 1 References	
Data mo	dule /	/ Technical publication Title	
S1000D	BIKE-A	AAA-DA4-10-00-00AA-251B-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Examine the condition of the brakes.
- 1.1 Open the brake quick release.
- 1.2 Examine the condition and the thickness of the brake pads.
- 1.2.1 Make sure that there is a large quantity of rubber left.
- 1.2.2 Make sure that the pad is not too hard.
- 1.3 Clean all the unwanted material.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



- 2 Do an inspection of the installation of the brakes.
- 2.1 Check the hydraulic brake system function.



ICN-C0419-S1000D0384-001-01

Fig 1, Other Hydraulic brake function

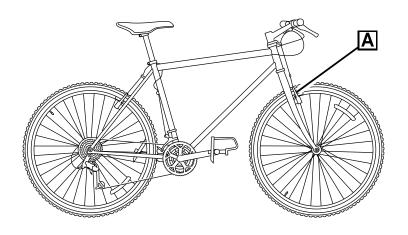
2.2 Make sure that there is sufficient clearance between the pad and the inner diameter of the brake surface.

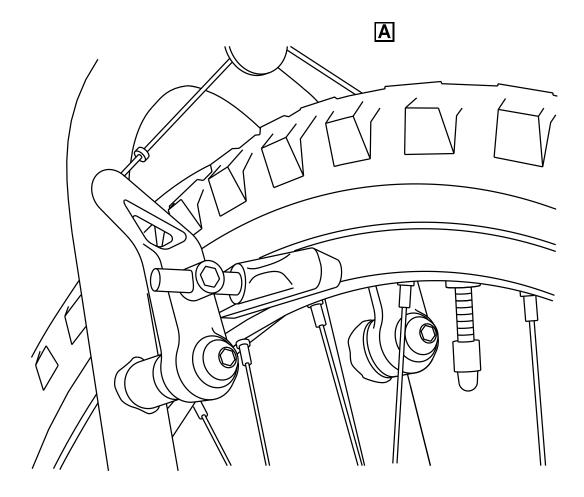
2.3

CAUTION

If the position of the pads is too low on the rim, as shown in Fig 2, the pads can move. This could cause the separation of the spokes from their mountings., they could slip off causing the spokes to be torn out of their mountings.







ICN-C0419-S1000D0382-001-01

Fig 2 Brake pad seating



	Make sure that the pads are correctly installed in the center of the inner diameter of the brake surface.
3	Do a check of the tire pressure.
3.1	Do a check of the tire pressure with the Tire pressure gauge .
3.2	Compare the value you read with the recommended pressure that is shown into the sidewall of the tire.
3.3	Add the necessary air.
4	Examine the condition of the wheels.
4.1	Examine the rims for bulges and dents.
4.2	Examine for splits at the seam where an extruded rim is bonded.
5	Do a check of the headset bearings.
5.1	Straddle the bicycle.
	Apply the front brakes and push the handle bars forward.
5.2	Make sure that the headset bearings are tight.
6	Do the checks on the chain.
6.1	Visually examine the chain.
	If the chain is too dirty, clean it as specified in the clean chain task (refer to \$1000DBIKE-AAA-DA4-10-00-00AA-251B-A).
6.1.1	Visually examine the chain for links that are frozen or that do not move easily.
6.1.2	Apply the necessary General lubricant .
6.2	Do a check of the chain to make sure that it is tight.
6.2.1	Make sure that the play of the chain is not too much.
6.2.1.1	Move the chain on the largest chain ring.
6.2.1.2	Try to pull the chain away from the front of the chain ring.
	Make sure that the chain is not loose. Tighten the chain if, when you pull it away from the chain ring, you can see a full tooth.
6.2.2	Tighten the chain with the Allen wrench from the Specialist toolset.



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	



Bicycle

Riding a bicycle

This is a "process" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "process" Data Module





Normal operation procedures (crew)

able of contents	age
Normal operation procedures (crew)	1 1
ist of tables	
1 References	
References	
Table 1 References	
ata module / Technical publication Title	
one	

Pre-ride inspection

Brakes

Pa	ads	
1	Pads	Free of unwanted material
2	Pads	Acceptable pad width
3	Pads	Acceptable pad clearance
	allipers Link Wire	Firmly attached
	evers Levers	Approximately 1 inch of travel before engagement
2	Levers	Space between lever and handlebar when fully pulled
	ables Cables	No cuts or fraying



Tires

Pressure.

Table 2 Correlation of tire pressure and terrain

Tire Pressures	Min	Max
Off Road	35lbs	40lbs
On Road	55lbs	60lbs

2 Tires...... No cracks or splits

Wheels

1 Wheels...... No loose bearings

2 Wheels...... True

3 Spokes...... Not broken

If: Spokes not broken

4 Spokes..... Tight

5 Axel Nuts...... Tight

Headset

1 Headset bearings...... Tight

Chain

1 Links..... Easy movement of links

Handlebar

WARNING

Do not ride with a cracked stem

If: Stem cracked

1 Procedure Replace stem

Else if: Stem is loose

1 Procedure Tighten stem

If: Handlebars twist in stem

2 Procedure

Tighten clamp bolt



Computer

1 Computer Display..... Applicable to: Mountain storm Mk1

0 miles ALTITUDE 0 mph DISTANCE 0 miles

Applicable to: Brook trekker Mk9

0 mph **SPEED** 0 miles DISTANCE





Post-operation procedures (crew)

Table	of co	ontents	Page
	Refe Prelii Proc	-operation procedures (crew)	
List o	f tabl	es	
	1 2 3 4 5 6	Required conditions Support equipment Consumables, materials and expendables Spares	
		References	
		Table 1 Reference	s
Data m	odule /	Technical publication Title	
None			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
None		

Support equipment

Table 3 Support equipment

Name Manufacturer / Part No.		Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	



Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name Manufacturer / Part No.		Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 5 Spares

Name Manufacturer / Part No.		Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Clean the bicycle.
- 1.1 Clean the bicycle with water.
- 1.2 Use the brush from the Specialist toolset to clean the brakes, the shift levers, the sprockets and the tires.
- 1.3 Let the bicycle dry.
- 2 Lubricate the bicycle
- 2.1 Spray the General lubricant, to these moving parts:

the brake pivots

the derailleur pivots

the derailleur tension guides

the brake lever pivots

the control cables

the gear sprockets

the chain

2.2 Remove the lubricant which is more than the necessary.



Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication	
None		





Servicing: Prerequisite concept review

This is a "learning" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "learning" Data Module





Other procedures to clean

Table	of co	ontents		Page
List of	Othe Refe Gene Prelii Proce Requ	r procedures to cleanrenceseral informationminary requirementsedureedure		1 1 1 2
	1			
	2 3	•		
	4			
	5	·		
	6		ition	
	7			
	8		nd expendables	
	9 10			
List of	f figu 1 2	Cleaning the bike		
			References	
		Та	able 1 References	
Data mo	odule /	Technical publication	Title	
		AAA-DA4-10-00-00AA-241A-A		
S1000D	BIKE-E	86865-SAFE1-00		
SafeS-1	2-156B	}	Sticky stuff - Safety sheet	

General information

According to The International Bikers' Association (IBA) code of honor you are kindly requested to drive a properly maintained bicycle, which means the bike has to be regularly cleaned.

Produced by Docuneering Ltd.



Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle is outdoors	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Chemical technician	Intermediate	Bike cleaner	1,0 h

Applicable to: Mountain bicycle Mountain storm Mk1

Required persons

Table 4 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Operator	Intermediate	Bike rider	1,0 h

Applicable to: Mountain bicycle Brook trekker Mk9

Required persons

Table 5 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Operator	Advanced	Bike rider	0,8 h

Required technical information

Table 6 Required technical information

Category	Data module / Technical publication	
Publication module	S1000DBIKE-B6865-SAFE1-00 (Safety Handbook - Greasy Bikes)	
Safety sheet	Sticky stuff - Safety sheet (SafeS-12-156B)	



Support equipment

Table 7 Support equipment

Name	Manufacturer / Part No.		Remark
Water hose	MFR: KZ666 /PN: BSK-TLST-001-09	1 EA	
Stiff bristle brush	MFR: KZ666 /PN: BSK-TLST-001-02	1 EA	
Sponge	MFR: KZ666 /PN: BSK-TLST-001-11	1 EA	

Consumables, materials and expendables

Table 8 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark	
ACME super 45 Agent	MFR: KZ222 /PN: LL-004	1 L		
ACME Middling Detergent 69	· ·			
Applicable to: Mountain bicycle Brook trekker Mk9				
BoeBus DeLux Detergent No.6	MFR: KZ666 /PN: BSK-TLST-001-15	1 L		

Spares

Table 9 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions





WARNING

Do not get Detergent C into your eyes. If it gets into your eyes, wash them immediately in clean warm water.

CAUTION

Do not use a Water hose that has high pressure. A water hose that has high pressure can cause some parts to become loose or full of water.

CAUTION

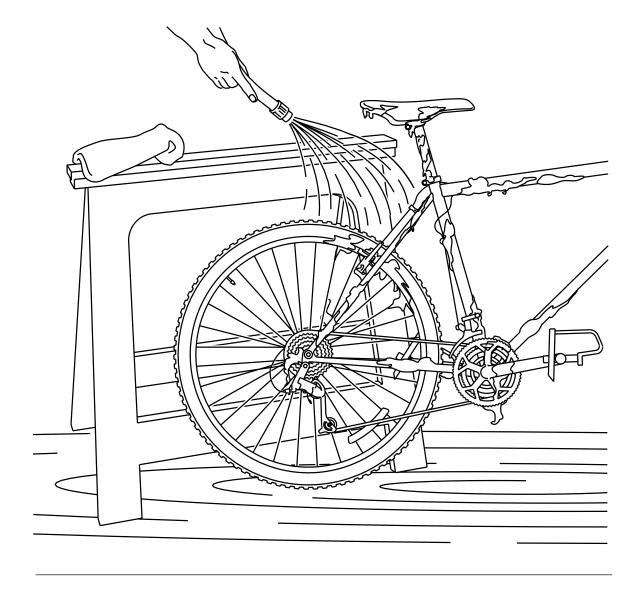
Do not point the hose directly at the hub or at the bottom bracket bearings. This can cause damage to the parts.

CAUTION

Apply Detergent C in accordance with the instruction on the container. The substance may cause damage to the Bike paint if it is not applied correctly.

Procedure

1 Clean the bicycle with water to remove all dirt. Refer to Fig 1.



ICN-C0419-S1000D0359-001-01

Fig 1 Cleaning the bike

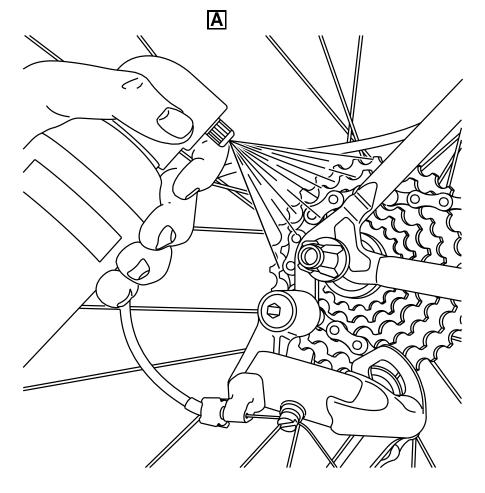


- Use a Stiff bristle brush to get access to areas that are not easy to clean. These are the shift levers, the knobbly tires, and the brakes.
- 3 Clean the caked grime from the chain and the sprockets with a screwdriver that has a small blade.
- 4 Remove the grease from the freewheel assembly with the Degreasing agent as shown in Fig 2.

Use a brush to remove the grease from these parts:

- sprockets
- guide and tension wheels of the derailleur
- chain ring teeth





ICN-C0419-S1000D0400-001-01

Fig 2 Degreasing the freehub



5	Flush the sprockets, the derailleurs, the chain rings and the chain with water.
	Note 1 If necessary, do the flush procedure again.
Applicable 6	to: Mountain bicycle Mountain storm Mk1 Wash the Bike
6.1	Soak the Sponge into Detergent A and water.
6.2	Clean the bicycle with the soaked sponge.
6.3	Flush the bicycle and make sure that all Detergent A is removed.
6.4	Move the bicycle up and down on its tires to remove all water.
Applicable 7	to: Mountain bicycle Brook trekker Mk9 Wash the Bike
7.1	Soak the Sponge into Detergent C and water.
7.2	Clean the bicycle with the soaked sponge.
7.3	Soak the Sponge into Detergent A and water.
7.4	Fully clean the bicycle with the soaked sponge.
7.5	Flush the bicycle to make sure that all detergents are removed.
7.6	Move the bicycle up and down on its tires to remove all water.

Requirements after job completion

Lubricate the bicycle. Refer to \$1000DBIKE-AAA-DA4-10-00-00AA-241A-A.

Required conditions

8

Table 10 Required conditions

Action / Condition	Data module / Technical publication
Make sure the bicycle is dry	



Other procedures to clean

Table of contents	Page
References	
List of tables	
2 Required conditions	
	5
	ferences 1 References
Data module / Technical publication	Title
S1000DBIKE-AAA-DA4-10-00-00AA-241A-A	
S1000DBIKE-B6865-SAFE1-00	
SafeS-12-156B	Sticky stuff - Safety sheet

General information

According to The International Bikers' Association (IBA) code of honor you are kindly requested to drive a properly maintained bicycle, which means the bike has to be regularly cleaned.



Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
The bicycle is outdoors		

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Chemical technician	Intermediate	Bike cleaner	1,0 h

Applicable to: Mountain bicycle Mountain storm Mk1

Required persons

Table 4 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Operator	Intermediate	Bike rider	1,0 h

Applicable to: Mountain bicycle Brook trekker Mk9

Required persons

Table 5 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Operator	Advanced	Bike rider	0,8 h

Required technical information

Table 6 Required technical information

Category	Data module / Technical publication	
Publication module	S1000DBIKE-B6865-SAFE1-00 (Safety Handbook - Greasy Bikes)	
Safety sheet	Sticky stuff - Safety sheet (SafeS-12-156B)	



Support equipment

Table 7 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Water hose	MFR: KZ666 /PN: BSK-TLST-001-09	1 EA	
Stiff bristle brush	MFR: KZ666 /PN: BSK-TLST-001-02	1 EA	
Sponge	MFR: KZ666 /PN: BSK-TLST-001-11	1 EA	

Consumables, materials and expendables

Table 8 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark	
ACME super 45 Agent	MFR: KZ222 /PN: LL-004	1 L		
ACME Middling Detergent 69	MFR: KZ666 /PN: BSK-TLST-023-14	1 L		
Applicable to: Mountain bicycle Brook trekker Mk9				
BoeBus DeLux Detergent No.6	MFR: KZ666 /PN: BSK-TLST-001-15	1 L		

Spares

Table 9 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions





WARNING

Do not get Detergent C into your eyes. If it gets into your eyes, wash them immediately in clean warm water.

CAUTION

Do not use a Water hose that has high pressure. A water hose that has high pressure can cause some parts to become loose or full of water.

CAUTION

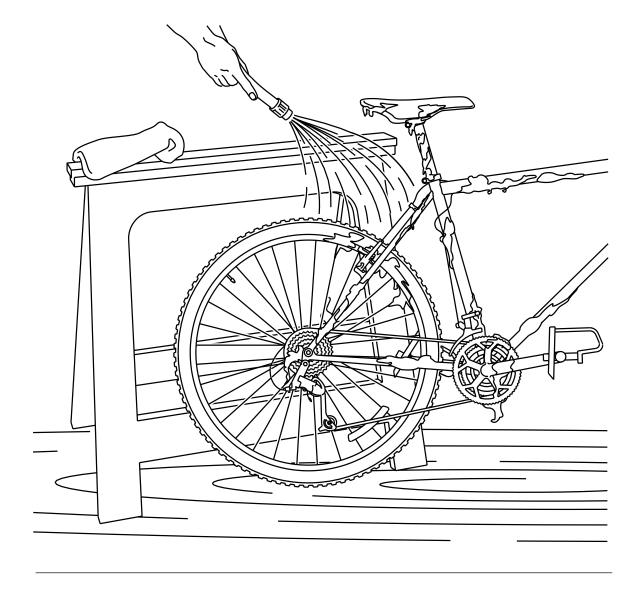
Do not point the hose directly at the hub or at the bottom bracket bearings. This can cause damage to the parts.

CAUTION

Apply Detergent C in accordance with the instruction on the container. The substance may cause damage to the Bike paint if it is not applied correctly.

Procedure

Clean the bicycle with water to remove all dirt. Refer to Fig 1.



ICN-C0419-S1000D0359-001-01

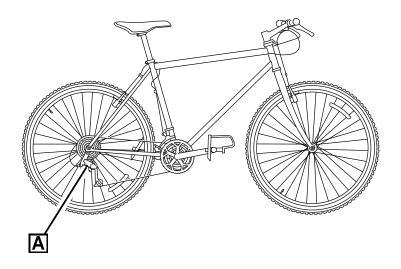
Fig 1 Cleaning the bike

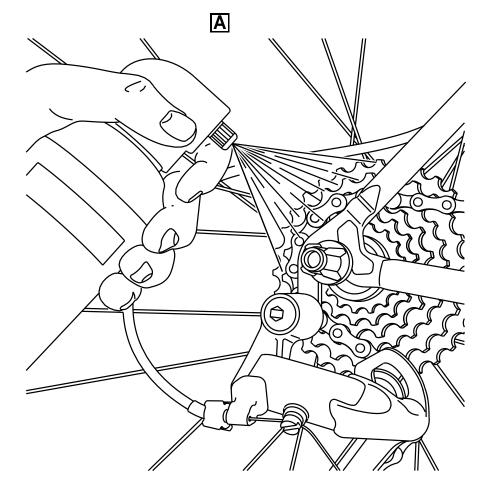


- Use a Stiff bristle brush to get access to areas that are not easy to clean. These are the shift levers, the knobbly tires, and the brakes.
- 3 Clean the caked grime from the chain and the sprockets with a screwdriver that has a small blade.
- 4 Remove the grease from the freewheel assembly with the Degreasing agent as shown in Fig 2.

Use a brush to remove the grease from these parts:

- sprockets
- guide and tension wheels of the derailleur
- chain ring teeth





ICN-C0419-S1000D0400-001-01

Fig 2 Degreasing the freehub

Produced by Docuneering Ltd.



5	Flush the sprockets, the derailleurs, the chain rings and the chain with water.
	Note 1 If necessary, do the flush procedure again.
Applicable 6	to: Mountain bicycle Mountain storm Mk1 Wash the Bike
6.1	Soak the Sponge into Detergent A and water.
6.2	Clean the bicycle with the soaked sponge.
6.3	Flush the bicycle and make sure that all Detergent A is removed.
6.4	Move the bicycle up and down on its tires to remove all water.
Applicable 6	to: Mountain bicycle Brook trekker Mk9 Wash the Bike
6.1	Soak the Sponge into Detergent C and water.
6.2	Clean the bicycle with the soaked sponge.
6.3	Soak the Sponge into Detergent A and water.
6.4	Fully clean the bicycle with the soaked sponge.
6.5	Flush the bicycle to make sure that all detergents are removed.
6.6	Move the bicycle up and down on its tires to remove all water.
7	Lubricate the bicycle. Refer to S1000DBIKE-AAA-DA4-10-00-00AA-241A-A.

Requirements after job completion

Required conditions

Table 10 Required conditions

Action / Condition	Data module / Technical publication
Make sure the bicycle is dry	



Place on test stand

Table	of co	ontents	Page
List o	Refe Preli Proc Requ	ce on test stand	1 1 2
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
		References	
		Table 1 References	
Data m None	odule /	/ Technical publication Title	
110110			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

UNCLASSIFIED

Produced by Docuneering Ltd. Applicable to: Mountain bicycle

S1000DBIKE-AAA-D00-00-00-00AA-330A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Test stand	MFR: KZ666 /PN: BSK-TLST-999-01	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Ensure Test stand is level.
- 2 Place bicycle on the test stand.
- Tight clamps until bicycle is securely attach to the test stand.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	



Standard repair procedures

Table of	of co	ontents	Page
	Refe Preli Proc	ndard repair procedures erences iminary requirements cedure uirements after job completion	1 1 3
List of	tab	les	
	1	References	1
	2	Required conditions	1
	3	Required persons	2
	4	Support equipment	
	5	Consumables, materials and expendables	
	6	Spares	2
	7	Required conditions	13
List of	figu	ures	
	1	Unseating the tire with a tire lever	4
	2	Circle leak	
	3	Sanding the application area	8
	4	Apply glue to application area	10
	5	Apply pressure to tube	12
		References	
		Table 1 References	
Data mo	dule /	Technical publication Title	
S1000DE	BIKE-A	AAA-DA0-20-00-00AA-520A-A	

Preliminary requirements

Required conditions

Produced by Docuneering Ltd.

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Operator	Basic	Bike rider	0,5 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire lever	MFR: KZ666 /PN: BSK-TLST-001-04	1 EA	
Foot pump	MFR: KZ666 /PN: BSK-TLST-001-05	1 EA	
Marker pen	MFR: KZ666 /PN: BSK-TLST-001-07	1 EA	
Tube patch kit	MFR: KZ666 /PN: BSK-TLST-001-07	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Inner-tube	MFR: KT222 /PN: IT-001	1 EA	_

Safety conditions

CAUTION

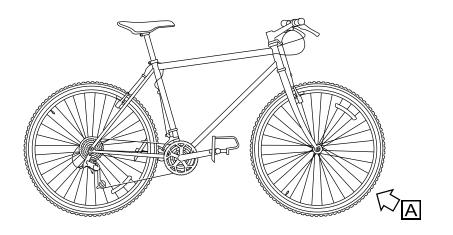
When you remove the rear wheel to repair a puncture, disconnect the brake arm from the chain stay.

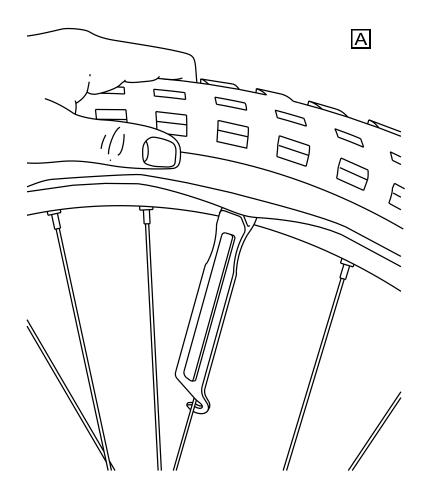


Procedure

- 1 Remove the rear wheel. (Refer to S1000DBIKE-AAA-DA0-20-00-00AA-520A-A)
- 2 Make sure that there is no air in the tube.
- 2.1 Loosen the cap on the valve stem.
- 2.2 Push the valve stem core down to bleed all the air.
- 3 Use a Tire lever to move the tire bead out of its seat. Lift the tire bead above the lip of the rim.







ICN-C0419-S1000D0368-001-01

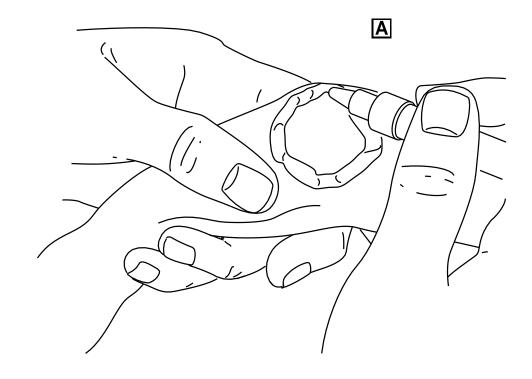
Fig 1 Unseating the tire with a tire lever



- 4 Remove the tube.
- 5 Inflate (not fully) the tube with the Foot pump. Examine the tube for leaks.
- 6 If you find a leak, identify it with a circle made with a Marker pen.







ICN-C0419-S1000D0375-001-01

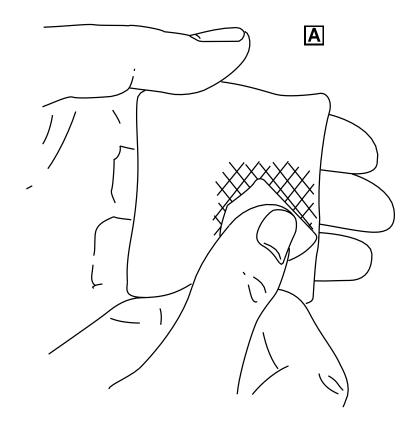
Fig 2 Circle leak



- 7 Release most of the air.
- 8 Use a piece of sandpaper from the Tube patch kit and make the area on and around the hole rough. This will help the patch bond correctly.







ICN-C0419-S1000D0376-001-01

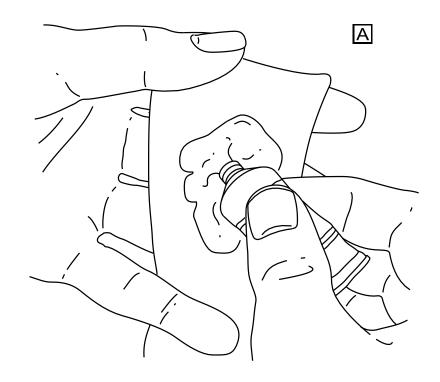
Fig 3 Sanding the application area



Apply a thin layer of glue from the patch kit on and around the hole. Make sure that the area with the glue is larger than the patch.







ICN-C0419-S1000D0377-001-01

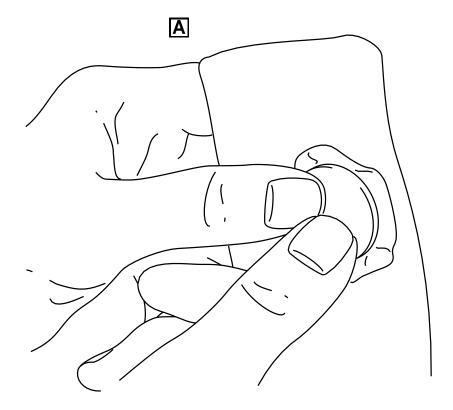
Fig 4 Apply glue to application area



- 10 Let the glue dry for five minutes until it becomes tacky and dim.
- 11 Remove the rear foil from the patch (that is a part of the patch kit) and push the patch in its position.
- Push with your thumbs from the center of the patch to the outer part of the applied area.







ICN-C0419-S1000D0378-001-01

Fig 5 Apply pressure to tube



13	Remove the thin cover from the patch.
14	Put a very thin layer of talcum powder on and around the patch.
15	Inflate (not fully) the repaired tube with the foot pump.
16	Start at the valve stem and install the tube again between the tire and the rim.
17	Push the valve stem through the hole in the rim.
18	Make sure that the valve stem is straight.
19	Install the remaining of the tire.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Bicycle

Performance support

This is a "learning" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "learning" Data Module



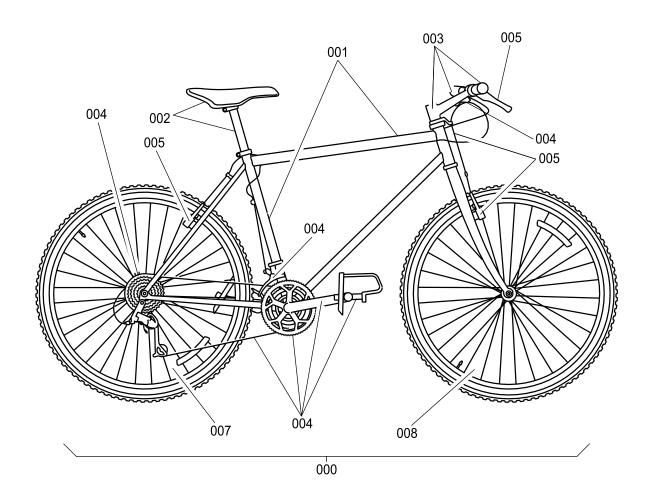


Bicycle

Illustrated Parts Data - IPD

Table of contents		Page
Illustrated Parts Data - IPD References		1 1
List of tables		
1 References		1
List of figures		
1 Bicycle		2
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		





ICN-C0419-S1000D0361-001-01

Fig 1 Bicycle



Initial provisioning project information

 IPP number:
 KZ9990001

 IPP subject:
 BICYCLE

 IPP file identifier:
 s

Fig	Item	Units per assembly / Unit of issue	CAGE	Part No. NATO Stock No.	Description	* Usable on ICY code assy • MV/Effect
1/A						
	0	REF	KZ999	BICYCLE-001	Bicycle	• MB
	1	1 EA	KZ999	BICYCLE-001/1	 Frame assembly 	• MB
	2	1 EA	KZ999	BICYCLE-001/2A	• • Seat, assembly	• MB
	2	1 EA	KZ999	BICYCLE-001/2B	• • Cruiser Seat, assembly	• MB
	3	1 EA	KZ999	BICYCLE-001/3	• • Steering system	• MB
	4	1 EA	KZ999	BICYCLE-001/4	• • Drive train system	• MB
	5	1 EA	KZ999	BICYCLE-001/5	• • Brake sub-system	• MB
	6	1 EA	KZ777	LRU1001	Light systemLight system	• MB
	7	1 EA	KZ888	WH-001	• • Wheel, assembly rear	• MB
	8	1 EA	KZ888	WH-002	• • Wheel, assembly front	• MB
	9	1 EA	KZ888	CP-001	• • Computer	• MB

UNCLASSIFIED





Fork

Manual test

rabie	от со	ontents	Page
	Refer Prelin	ual testrencesminary requirementsedure	1 1 2
List of	ftabl	es	
	1	References	1
	2	Required conditions	
	3	Required persons	
	4	Support equipment	
	5	Consumables, materials and expendables	
	6	Spares	
	7	Required conditions	
		References	
		Table 1 References	
Data mo	dule /	Technical publication Title	
None			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,1 h

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-341A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Climb on the bicycle.
- 2 Turn right and left several times.
- 3 Ride forward the bicycle.
- 4 Make sure that the wheels are stable.
- 5 Push in the fork.
- 6 Make sure that no oil or air is leaking out the fork.



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Fork

Remove procedures

Table o	of co	ontents	Page
	Refe Preli Proc	nove procedures erences liminary requirements cedure quirements after job completion	1 1 2
List of	tabl	oles	
	1 2 3 4 5 6 7 8	References Required conditions Required persons Required technical information Support equipment Consumables, materials and expendables Spares Required conditions References	
		Table 1 References	
Data mo	dule /	/ Technical publication Title	
S1000DE	BIKE-A	AAA-DA2-10-00-00AA-520A-A	
S1000DE	3IKE-A	AAA-DA2-10-00-00AA-520A-A	
S1000DE	BIKE-A	AAA-DA2-30-00-00AA-520A-A	
S1000DE	BIKE-A	AAA-DA2-30-00-00AA-520A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
None		



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Required technical information

Table 4 Required technical information

Category	Data module / Technical publication	
Data module	S1000DBIKE-AAA-DA2-10-00-00AA-520A-A	
Data module	S1000DBIKE-AAA-DA2-30-00-00AA-520A-A	

Support equipment

Table 5 Support equipment

Name Manufacturer / Part No.		Quantity	Remark
None			

Consumables, materials and expendables

Table 6 Consumables, materials and expendables

Name Manufacturer / Part No.		Quantity	Remark
None			

Spares

Table 7 Spares

Name Manufacturer / Part No.		Quantity	Remark
None			_

Safety conditions

None

Procedure

1 Remove the stem, refer to: S1000DBIKE-AAA-DA2-10-00-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



- 2 Remove the headset, refer to: S1000DBIKE-AAA-DA2-30-00-00AA-520A-A
- 3 Push the fork downwards to remove it from the frame
- 4 Put the frame on the floor

Requirements after job completion

Required conditions

Table 8 Required conditions

Action / Condition	Data module / Technical publication
None	





Fork

Install procedures

	Page
Install procedures References Preliminary requirements Procedure Requirements after job completion	1 1 3
List of tables	
1 References 2 Required conditions 3 Required persons 4 Required technical information 5 Support equipment 6 Consumables, materials and expendables 7 Spares 8 Required conditions References	122222
Table 1 References	
Data module / Technical publication Title	
S1000DBIKE-AAA-D00-00-01-00AA-930A-A	
S1000DBIKE-AAA-DA2-10-00-00AA-720A-A	
S1000DBIKE-AAA-DA2-10-00-00AA-720A-A	
S1000DBIKE-AAA-DA2-30-00-00AA-720A-A	
S1000DBIKE-AAA-DA2-30-00-00AA-720A-A	
S1000DBIKE-AAA-DA2-40-00-00AA-720A-A	
S1000DBIKE-AAA-DA2-40-00-00AA-720A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition Data module / Technical publication			
None			

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-D00-00-01-00AA-720A-A



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Required technical information

Table 4 Required technical information

Category	Data module / Technical publication	
Data module	S1000DBIKE-AAA-DA2-10-00-00AA-720A-A	
Data module	S1000DBIKE-AAA-DA2-30-00-00AA-720A-A	
Data module	S1000DBIKE-AAA-DA2-40-00-00AA-720A-A	

Support equipment

Table 5 Support equipment

Name Manufacturer / Part No.		Quantity	Remark
None			

Consumables, materials and expendables

Table 6 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General grease	MFR: KZ222 /PN: LL-005	As required	

Spares

Table 7 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Fork set	MFR: KZ666 /PN: SPA-1000-1	1 EA	Material set
- Fork	MFR: KZ666 /PN: FK-TEL1001	1 EA	

Safety conditions

None



Procedure

- 1 Apply grease (General grease) on the headset
- 2 Install the headset, refer to: S1000DBIKE-AAA-DA2-30-00-00AA-720A-A
- To install the spacers, refer to: S1000DBIKE-AAA-DA2-40-00-00AA-720A-A
- 4 Install the stem, refer to: S1000DBIKE-AAA-DA2-10-00-00AA-720A-A
- 5 Install the fork (Fork)

Requirements after job completion

Required conditions

Table 8 Required conditions

Action / Condition	Data module / Technical publication
None	





Bicycle

Service Bulletin - Replacement of standard forward fork by telescopic fork

Table	of co	ntents	Page
	Refer	ce Bulletin - Replacement of standard forward fork by telescopic fork ences ce bulletin	1
	Mana	gement information	2
	Revis	ion information	4
		nary	
		ing information	
		ial information	
		mplishment instructions	
	Additi	onal information	12
List of	f table	es	
	1	References	
	2	List of product modifications	2
	3	List of impacts	2
	4	Accomplishment limit	
	5	Time assessment	3
	6	Service bulletin approved data modules	3
	7	List of generic properties	
	8	Accomplishment time scale	6
	9	Material set list	
	10	Material set list	g
	11	Support equipment set	9
	12	Supply	9
	13	Spare set	
	14	Spare	10
	15	Removed spare set	11
	16	Removed spare set	11
	17	Removed spare	
	18	Accomplishment instructions	

References

Table 1 References

Title

BRAKE-AAA-DA1-00-00-00AA-341A-A

S1000DBIKE-AAA-D00-00-00-00AA-941A-D

S1000DBIKE-AAA-D00-00-01-001A-933A-A

Produced by Docuneering Ltd. Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Table 1 References (Continued)

Data module / Technical publication	Title	
S1000DBIKE-AAA-D00-00-01-00AA-933A-A		
S1000DBIKE-AAA-D00-00-01-00AA-933A-A		
S1000DBIKE-AAA-D00-00-01-00AA-933A-A		
S1000DBIKE-AAA-DA2-10-00-00AA-520A-A		
S1000DBIKE-AAA-DA2-10-00-00AA-720A-A		
S1000DBIKE-AAA-DA2-30-00-00AA-520A-A		
S1000DBIKE-AAA-DA2-30-00-00AA-720A-A		

Service bulletin

Management information

Compliance category:	Optional
Task type:	Modification

Table 2 List of product modifications

ldent	Class	Description	Applicability
A2001	Major	Installation of telescopic fork with 140mm clearance	Mountain bicycle and Mountain storm Mk1
A2002	Major	Installation of telescopic fork with 100mm clearance	Mountain bicycle and Brook trekker Mk9

Table 3 List of impacts

No.	Туре	Quantity	Description	Applicability
1	Weight	+0.8 kg +1.76 lbm	Mass	Mountain bicycle and Mountain storm Mk1
2	Weight	+0.5 kg +1.1 lbm	Mass	Mountain bicycle and Brook trekker Mk9

List of concurrent service bulletins:..... No Info



Table 4 Accomplishment limit

No.	Time compliance	References	Applicability
1	Basic limit Limit:		Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
	Perform once Grace period		,
	Limit:		
	Perform periodically		

Table 5 Time assessment

Duration	Estimated time	Condition	References	Applicability
1.5 h	1.5 h	S1000DBIKE-AAA-D00-00- 01-00AA-933A-A		Mountain bicycle and Mountain storm Mk1
1 h	1 h	\$1000DBIKE-AAA-D00-00- 01-00AA-933A-A		Mountain bicycle and Brook trekker Mk9

Table 6 Service bulletin approved data modules

	Data module / Technical publication Title
--	---

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-933A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA0-30-00-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA1-20-00-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-93AA-A

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-D00-00-01-00AA-720A-A

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-DA2-40-00-00AA-720A-A

Applicable to: Mountain bicycle and Brook trekker Mk9

S1000DBIKE-AAA-D00-00-01-00AB-720A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA1-20-00-00AA-720A-A



Table 6 S	Service bulletin	approved data	modules (Continued)

Data module / Technical publication Title

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA0-30-00-00AA-720A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-341A-A

Table 7 List of generic properties

Туре	Applicable	Applicability	
Passenger comfort affected	Applicable: Yes		
Structural life extension	Applicable: Yes		
Product operation affected	Applicable: Yes		

Revision information

Revision history

This document is the first issue of the Service Bulletin

Revision sequence

Original Issue date 2016-08-31

Summary

Reason

A lot of customers asked for the improvement of the front hanging in order to use the bike in more severe conditions.

Description

Replacement of the fork

Compliance

Compliance: Optional

Applicability

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

This Service Bulletin is applicable to bikes manufactured between 01/05/2001 and 30/09/2009

Applicable to: Mountain bicycle and Mountain storm Mk1

Configuration no. 1 covers mountain bicycle Mountain storm version Mk1



Applicable to: Mountain bicycle and Brook trekker Mk9
Configuration no. 2 covers mountain bicycle Brook trekker version Mk9

Concurrent Requirements

No Info

Manpower

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-D00-00-01-00AA-933A-A

Total workload	1.5 h
Estimated time	1.5 h

Applicable to: Mountain bicycle and Brook trekker Mk9

S1000DBIKE-AAA-D00-00-01-00AA-933A-A

Total workload	1 h
Estimated time	1 h

Industry Support Information

For any issue with the fork assembly, please contact your local retailer.

The UK MoD Company only provides assistance via its network of retailers.

General evaluation

EVALUATION TABLE

Passenger comfort affected	Yes
Structural life extended	Yes
Bike operation affected	Yes

Planning information

Applicability

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
This Service Bulletin is applicable to bikes manufactured between 01/05/2001 and 30/09/2009



Applicable to: Mountain bicycle and Mountain storm Mk1

The S/N of the impacted bikes are: CAGE: U8025[PN: 1B070701]

Applicable to: Mountain bicycle and Brook trekker Mk9

The S/N of the impacted bikes are:

CAGE: U8025[PN: 1B070643] CAGE: U8025[PN: 1B070644]

Applicable to: Mountain bicycle and Mountain storm Mk1

Configuration no. 1 covers mountain bicycle Mountain storm version Mk1

Applicable to: Mountain bicycle and Brook trekker Mk9

Configuration no. 2 covers mountain bicycle Brook trekker version Mk9

Concurrent Requirements

No Info

Reason

- 1 Objective:
- 1.1 Improvement of the bike's front hanging.
- 2 Problem and effect:
- 2.1 A lot of customers would like to use the bike in more severe conditions.
- 3 Solution:
- 3.1 Replacement of the fork.

Description

- 1 Replacement of the original fork
 - Applicable to: Mountain bicycle and Mountain storm Mk1
- 1.1 by telescopic fork with a 140 mm clearance
 - Applicable to: Mountain bicycle and Brook trekker Mk9
- 1.2 by telescopic fork with a 100 mm clearance

Compliance

1 Compliance

Compliance: Optional

The modification should be made in accordance with the customer's availability, but within the following limits (before marked wear of the frame)

Table 8 Accomplishment time scale

Limit	Grace period	
Basic limit Limit:	Grace period Limit:	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Table 8 A	Accomplishment time so	ale
-----------	------------------------	-----

Limit	Grace period	
Perform once	Perform periodically	

Approval

This modification has been approved and certified in conformity with the requirements of the S1000D community.

Approval No. S1000D-020AA.

Manpower

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-D00-00-01-001A-933A-A

Job Set-up	5 min
Removal	20 min
Install	60 min
Testing	5 min
Total workload	1.5 h
Estimated time	1.5 h

Applicable to: Mountain bicycle and Brook trekker Mk9

S1000DBIKE-AAA-D00-00-01-00AA-933A-A

Job Set-up	5 min
Removal	20 min
Install	30 min
Testing	5 min
Total workload	1 h
Estimated time	1 h

Weight and Balance

Effect on weight	Impact 1
Effect on weight	Impact 2



Electrical Load Data

No Info

Software Accomplishment Summary

No Info

Referenced Documentation

Removal of the headset S1000DBIKE-AAA-DA2-30-00-00AA-520A-A

Install of the headset S1000DBIKE-AAA-DA2-30-00-00AA-720A-A

Removal of the stem S1000DBIKE-AAA-DA2-10-00-00AA-520A-A

Install of the stem S1000DBIKE-AAA-DA2-10-00-00AA-720A-A

Testing of the brakes BRAKE-AAA-DA1-00-00-00AA-341A-A

Documentation Affected

IPD S1000DBIKE-AAA-D00-00-00-00AA-941A-D

Industry Support Information

For any issue with the fork assembly, please contact your local retailer.

The UK MoD Company only provides assistance via its network of retailers.

Material information

List of material sets

Applicable to: Mountain bicycle and Mountain storm Mk1

Table 9 Material set list

Material category	Material name and reference	Quantity	Remark
Support equipment set	BSK-TLST-200 (mat-0001)	1	
Supply	(mat-0002)		
Spare set	SPA-1000-1 (mat-0003)	1	
Removed spare set	(mat-0005)		
Modified spare	(mat-0007)		



Applicable to: Mountain bicycle and Brook trekker Mk9

Table 10 Material set list

Material category	Material name and reference	Quantity	Remark
Support equipment set	BSK-TLST-200 (mat-0001)	1	
Supply	(mat-0002)		
Spare	FK-TEL1002 (mat-0004)	1	
Removed spare set	(mat-0006)		
Modified spare	(mat-0007)		

List of support equipment

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Table 11 Support equipment set

Material set (mat-0001)			
Material set name	Saw tool set		
Identifiaction/ Reference	BSK-TLST-200 issue 001		
Procurable or Not	Yes		
Supplier	manufacturer		
SB specific	Yes		
Name/ Alternate name	Identification/ Reference	Quantity	Remark
Saw tool	BSK-TW-100	1 EA	
Threading tool	BSK-THR-3001	1 EA	

List of supplies

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Table 12 Individual supply

Material (mat-0002)		
Material name	General grease	
Procurable or Not	Yes	
Supplier	any	
SB specific	No	
Manufacturer code	KZ222	
Part number	LL-005	
Required quantity	As required	



List of spares

Applicable to: Mountain bicycle and Mountain storm Mk1

Table 13 Spare set

Material set (mat-0003)

Material set name Fork set

Identifiaction/ Reference SPA-1000-1 issue 001

Procurable or Not Yes

Supplier manufacturer

SB specific Yes

Procurement data

Price information 150.00 USD

Availability 3 d after purchase order reception

Procurement address World-Bike

Business unit: Customer Support Business unit address:

100, Bike Street

London UK

Name/ Alternate name	Identification/ Reference	Quantity	Remark
Fork	FK-TEL1001	1 EA	
Spacer	SPC-200-12	2 EA	

Applicable to: Mountain bicycle and Brook trekker Mk9

Table 14 Individual spare

Material (mat-000	J004)
-------------------	-------

Material name Fork

Identifiaction/ Reference FK-TEL1002 issue 001

Procurable or Not Yes

Supplier manufacturer

SB specific Yes

Manufacturer code KZ666

Part number FK-TEL1002

Required quantity 1 EA

Procurement data

Price information 100.00 USD

Availability 3 d after purchase order reception

Procurement address World-Bike

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Table	14	Individual	spare
-------	----	------------	-------

Material (mat-0004)

Business unit: Customer Support Business unit address: 100, Bike Street

London UK

List of removed spares

Applicable to: Mountain bicycle and Mountain storm Mk1

Table 15 Removed spare list

Removed spare set (mat-0005)					
Name/ Alternate name	Removed/ modified spare Identification/ Reference	Replacing/ new spare Identification/ Reference	Repla. code	Remark	
Fork	FK-1000	FK-TEL1001	02	Discarded	
Conical expansion washer	St-001-05	-	-	Discarded	

Applicable to: Mountain bicycle and Brook trekker Mk9

Table 16 Removed spare list

Removed spare set (mat-0006)					
Name/ Alternate name	Removed/ modified spare Identification/ Reference	Replacing/ new spare Identification/ Reference	Repla. code	Remark	
Fork	FK-1000	FK-TEL1002	02	Discarded	
Conical expansion washer	St-001-05	-	-	Discarded	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Table 17 Modified spare

Modified spare (mat-0007)					
Name/ Alternate name	Removed/ modified spare Identification/ Reference	Replacing/ new spare Identification/ Reference	Repla. code	Remark	
Wheel axis	BSK-AXS-2000	BSK-AXS-2001		Modified to	





Accomplishment instructions

Table 18 Accomplishment instructions

Data module / Technical publication

Title

S1000DBIKE-AAA-D00-00-01-00AA-933A-A

Additional information

No Info



Fork

Replacement procedure

Table (of co	ontents	Page
	Repla	acement procedure	1
	Refe	rences	1
	Prelir	minary requirements	2
	Proce	edure	4
		uirements after job completion	
	1	References	
	2	Required conditions	
	3	Required technical information	3
	4	Support equipment	
	5	Consumables, materials and expendables	3
	6	Spares	3
	7	Required conditions	5

References

Table 1 References

Data module / Technical publication	Title	
BRAKE-AAA-DA1-00-00-00AA-341A-A		
BRAKE-AAA-DA1-00-00-00AA-341A-A		
S1000DBIKE-AAA-D00-00-01-00AA-341A-A		
S1000DBIKE-AAA-D00-00-01-00AA-341A-A		
S1000DBIKE-AAA-D00-00-01-00AA-520A-A		
S1000DBIKE-AAA-D00-00-01-00AA-520A-A		
S1000DBIKE-AAA-D00-00-01-00AA-720A-A		
S1000DBIKE-AAA-D00-00-01-00AA-720A-A		
S1000DBIKE-AAA-D00-00-01-00AA-930A-A		
S1000DBIKE-AAA-D00-00-01-00AA-930A-A		
S1000DBIKE-AAA-D00-00-01-00AA-930A-A		
S1000DBIKE-AAA-D00-00-01-00AA-93AA-A		
S1000DBIKE-AAA-D00-00-01-00AA-93AA-A		
S1000DBIKE-AAA-D00-00-01-00AB-720A-A		
\$1000DBIKE-AAA-D00-00-01-00AB-720A-A		



Table 1	References	(Continued)
---------	------------	-------------

Table 1 Neterences (Continued)			
Data module / Technical publication	Title		
S1000DBIKE-AAA-DA0-30-00-00AA-520A-A			
S1000DBIKE-AAA-DA0-30-00-00AA-520A-A			
S1000DBIKE-AAA-DA0-30-00-00AA-720A-A			
S1000DBIKE-AAA-DA0-30-00-00AA-720A-A			
S1000DBIKE-AAA-DA1-20-00-00AA-520A-A			
S1000DBIKE-AAA-DA1-20-00-00AA-520A-A			
S1000DBIKE-AAA-DA1-20-00-00AA-720A-A			
S1000DBIKE-AAA-DA1-20-00-00AA-720A-A			

Preliminary requirements

Applicable to: Mountain bicycle and Mountain storm Mk1

Production management data

Maintenance task duration

Preliminary requirements 0 h
Procedure 1,5 h
Requirements after job completion 0 h

Applicable to: Mountain bicycle and Brook trekker Mk9

Production management data

Maintenance task duration

Preliminary requirements 0 h
Procedure 1 h
Requirements after job completion 0 h

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required technical information

Table 3 Required technical information

Category	Data module / Technical publication
Data module	S1000DBIKE-AAA-DA0-30-00-00AA-520A-A
Data module	S1000DBIKE-AAA-DA1-20-00-00AA-520A-A
Data module	S1000DBIKE-AAA-D00-00-01-00AA-520A-A
Data module	S1000DBIKE-AAA-D00-00-01-00AA-93AA-A
Data module	S1000DBIKE-AAA-D00-00-01-00AA-720A-A
Data module	S1000DBIKE-AAA-D00-00-01-00AB-720A-A
Data module	S1000DBIKE-AAA-DA1-20-00-00AA-720A-A
Data module	S1000DBIKE-AAA-DA0-30-00-00AA-720A-A
Data module	S1000DBIKE-AAA-D00-00-01-00AA-341A-A
Data module	BRAKE-AAA-DA1-00-00-00AA-341A-A

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark	
Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)				
Saw tool set		1 EA		
- Saw tool set		1 EA		

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark	
Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)				
General grease	MFR: KZ222 /PN: LL-005	As required		

Spares

Produced by Docuneering Ltd.

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Applicable to: M	ountain bicycle and Mountain storm Mk1		
Fork set		1 EA	
- Fork set		1 EA	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-933A-A



Table 6 Spares (C	Continued)
-------------------	------------

Name	Manufacturer / Part No.	Quantity	Remark	
Applicable to: N	Mountain bicycle and Brook trekker Mk9			
Fork		1 EA		
- Fork		1 EA		

Safety conditions

None

Procedure

1 PREPARATION

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

1.1 Remove the front wheel, refer to: S1000DBIKE-AAA-DA0-30-00-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

1.2 Remove the front brakes, refer to: S1000DBIKE-AAA-DA1-20-00-00AA-520A-A

2 PROCEDURE

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

2.1 Remove the fork, refer to: S1000DBIKE-AAA-D00-00-01-00AA-520A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

2.2 Change the bike axis, refer to: S1000DBIKE-AAA-D00-00-01-00AA-93AA-A

Applicable to: Mountain bicycle and Mountain storm Mk1

2.3 Install the new fork, refer to: S1000DBIKE-AAA-D00-00-01-00AA-720A-A

Applicable to: Mountain bicycle and Brook trekker Mk9

2.3 Install the new fork, refer to: S1000DBIKE-AAA-D00-00-01-00AB-720A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

2.4 Install the front brakes, refer to: S1000DBIKE-AAA-DA1-20-00-00AA-720A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

2.5 Install the front wheel, refer to: S1000DBIKE-AAA-DA0-30-00-00AA-720A-A

3 TEST

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

3.1 Test that the fork is properly installed, refer to: \$1000DBIKE-AAA-D00-00-01-00AA-341A-A

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

3.2 Front brakes test, refer to: BRAKE-AAA-DA1-00-00-00AA-341A-A



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Bicycle axis

Modification procedures

Table (of contents	Page
	References Preliminary requirements Procedure	tion
List of	tables	
	 Required conditions Support equipment Consumables, materia Spares 	ls and expendables
		References
		Table 1 References
Data mo	dule / Technical publication	Title
S1000DE	BIKE-AAA-D00-00-01-00AA-930	N-A

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Support equipment

Table 3 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Saw tool set		1 EA	Material set
- Saw tool	MFR: KZ666 /PN: BSK-TW-100	1 EA	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D00-00-01-00AA-93AA-A



Table 3 Support equipment (Continued)				
Name Manufacturer / Part No. Quantity Remark				
- Threading tool	MFR: KZ666 /PN: BSK-THR-3001	1 EA		

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 5 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Wheel axis	MFR: KZ666 /PN: BSK-AXS-2001	1 EA	Modified from
- Wheel axis	MFR: KZ666 /PN: BSK-AXS-2000	1 EA	

Safety conditions

None

Procedure

- 1 Use the (Saw tool) to saw the (Wheel axis)
 - Use the (Threading tool) when the saw is unbended
- 2 Put the frame on the floor

Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication
None	



Fork

Install procedures

Table (of co	ontents		Page
	Refe Preli Proc	all procedures erences minary requirements edure uirements after job completion		1
List of	tab	les		
	1 2 3 4 5 6 7 8	Required conditions	expendables	
		Table	1 References	
Data mo	dule /	Technical publication	Title	
S1000DE	3IKE-A	AA-D00-00-01-00AA-930A-A		
S1000DE	BIKE-A	AAA-DA2-10-00-00AA-720A-A		
S1000DE	BIKE-A	AAA-DA2-10-00-00AA-720A-A		
S1000DE	BIKE-A	AAA-DA2-30-00-00AA-720A-A		
S1000DE	3IKE-A	AAA-DA2-30-00-00AA-720A-A		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
None		



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Required technical information

Table 4 Required technical information

Category	Data module / Technical publication
Data module	S1000DBIKE-AAA-DA2-10-00-00AA-720A-A
Data module	S1000DBIKE-AAA-DA2-30-00-00AA-720A-A

Support equipment

Table 5 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 6 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General grease	MFR: KZ222 /PN: LL-005	As required	

Spares

Table 7 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Fork		1 EA	
- Fork		1 EA	

Safety conditions

None



Procedure

- 1 Apply grease (General grease) on the headset
- 2 Install the headset, refer to: S1000DBIKE-AAA-DA2-30-00-00AA-720A-A
- 3 Install the stem, refer to: S1000DBIKE-AAA-DA2-10-00-00AA-720A-A
- 4 Install the fork (Fork)

Requirements after job completion

Required conditions

Table 8 Required conditions

Action / Condition	Data module / Technical publication	
None		





Bicycle

Time limits

lable of contents		Page
Time limits		1 1
Time limits		1
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Time limits

Ident	Equipment	Qty	Time limits	Applicability
001	Bicycle MFR: KZ555 /PN: Bicycle-001	1 EA	Type: Functional check 1 Day ± 1 Type: On condition 1 Day	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
002	Brake pads MFR: KT444 /PN: BR- PADS-001	4 EA	Category: Cat 1 Type: On condition 1 Month	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
003	Chain MFR: KZ555 /PN: Ch-001		Type: On condition 1 Month	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
004	Hub bearings MFR: KZ555 /PN: HB-001	2 EA	Category: Cat 1 Type: Check maintenance 6 Month ± 1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Page



Bicycle

Scheduled maintenance lists

List of tasks

Task ident	Description
001	To do the pre-ride checks
002	To do the post-ride maintenance
003	Clean brake pads
004	Clean the chain
005	Clean the hub bearings

References	
Tack ident: 003	

References 2

List of tables

1

Table of contents

2	Required conditions	2
3	Required persons	3
4	Support equipment	
5	Consumables, materials and expendables	3
6	Spares	
7	Required conditions	
8	Required persons	5
9	Support equipment	5
10	Consumables, materials and expendables	5
11	Spares	5
12	Required conditions	7
13	Required persons	7
14	Support equipment	7
15	Consumables, materials and expendables	7
16	Spares	7
17	Required conditions	9
18	Required persons	9
19	Support equipment	9
20	Consumables, materials and expendables	9
21	Spares	10
22	Required conditions	11
23	Required persons	11



List of tables (Continued)

24	Support equipment	. 11
25	Consumables, materials and expendables	. 11
26	Spares	12

References

Table 1 References

Data module / Technical publication	Title
S1000DBIKE-AAA-DA0-20-00-00AA-520A-A	
D6-1234	My Publication

Task ident: 001

Task code:	General visual inspection (GVI)
Worthiness limitation:	Recommended
Reduced maintenance:	No
Skill type:	Airframe (AIRPL)
Task description:	To do the pre-ride checks

Requirement source

Source of requirement:	MRB
Approval:	ap01
Source type	
O	-1-51

Code: stc51
Source criticality: sc55

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

References

S1000DBIKE-AAA-D00-00-00-00AA-121A-A

Equipment

- Bicycle

MFR: KZ555 /PN: Bicycle-001



Limit

Perform once Interval: 1 Day ± 1 Inspection type: Daily



Task ident: 002

Worthiness limitation:...... Recommended

Reduced maintenance:..... No

Task description: To do the post-ride maintenance

Preliminary requirements

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		

Required persons

Table 8 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 9 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 10 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Table 11 Spares

Name	ame Manufacturer / Part No.		Remark	
None				



Safety conditions

None

References

S1000DBIKE-AAA-D00-00-00-00AA-151A-A

Equipment

- Bicycle

MFR: KZ555 /PN: Bicycle-001

Limit

On condition
Condition: Dirty
1 Day ± 1

Inspection type: Daily



Task ident: 003

Worthiness limitation:...... Recommended

Reduced maintenance:..... Yes

Task description: Clean brake pads

Preliminary requirements

Required conditions

Table 12 Required conditions

Action / Condition	Data module / Technical publication	
None		

Required persons

Table 13 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 14 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 15 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Rubbing alcohol	MFR: KZ222 /PN: LL-002	As required	

Spares

Table 16 Spares

Name	Manufacturer / Part No.	Quantity	Remark	
None				



Safety conditions

None

References

S1000DBIKE-AAA-DA1-10-00-00AA-251A-A

Equipment

- Brake pads

MFR: KT444 /PN: BR-PADS-001

Limit

Perform periodically Inspection type: Monthly

Limit range: from: 1 N

from: 1 Month to: 1 Month



Task ident: 004

Worthiness limitation:..... Recommended

Reduced maintenance:..... Yes

Task description: Clean the chain

Preliminary requirements

Required conditions

Table 17 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 18 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 19 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Stiff bristle brush	MFR: KZ666 /PN: BSK-TLST-001-02	1 EA	
Chain cleaning fluid	MFR: KZ222 /PN: LL-003	As required	
Chain cleaning tool	MFR: KZ666 /PN: BSK-TLST-001-03	1 EA	

Consumables, materials and expendables

Table 20 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Floor covering		As required	
General lubricant	MFR: KZ222 /PN: LL-001	As required	



Spares

Table 21 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

References

S1000DBIKE-AAA-DA4-10-00-00AA-251B-A S1000DBIKE-AAA-D00-00-00-00AA-121A-A

Equipment

- Chain

MFR: KZ555 /PN: Ch-001

Limit

Perform periodically Condition: Dirty

1 Month

Inspection type: Monthly

Trigger event

S1000DBIKE-AAA-D00-00-00-00AA-121A-A



Task ident: 005

Worthiness limitation: Recommended

Reduced maintenance:..... No

Task description: Clean the hub bearings

Requirement source

Source of requirement: MRB

Reference: D6-1234

Source type

Code: stc52
Source criticality: sc59

Preliminary requirements

Required conditions

Table 22 Required conditions

Action / Condition	Data module / Technical publication
Rear wheel removed	S1000DBIKE-AAA-DA0-20-00-00AA-520A-A

Required persons

Table 23 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Supervisor	Advanced	Bicycle mechanic	0,8 h
Man A	Basic user		Operator	0,3 h

Support equipment

Table 24 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 25 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Degreasing agent	MFR: KZ222 /PN: LL-004	As required	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-D05-20-00-00AA-000A-A



Table 25	Consumables,	materials and ex	<i>(pendables</i>	(Continued))

Name	Manufacturer / Part No.	Quantity	Remark
General grease	MFR: KZ222 /PN: LL-005	As required	

Spares

Table 26 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Equipment

Hubs

MFR: KZ555 /PN: HB-002

Supervise

Supervisor level:.....Low

Limit

Perform periodically 6 Month Inspection type: 6 Monthly Limit range:

from: 6 Month ± 1



Bicycle

Scheduled maintenance checks

lable of contents	Page
Scheduled maintenance checks References Inspection definitions	1 1
List of tables	
1 References	1
References	
Table 1 References	
Data module / Technical publication Title	
None	

Inspection definitions

Lim	its	Applicability
No.	Task	References
•	On condition Condition: Pre-ride 1 Week ± 1 Inspection type: Pre	
	Limit range: from: 1 Week ± 1	
001	Inspect Brakes	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do an inspection of the brakes	
002	Inspect brakes installation	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do an inspection of the brakes installation	
003	Check Tire Pressure	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do a check of the tire pressure	
004	Inspect wheel condition	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do an inspection of the wheel condition	



		(Continued)
Limits	3	Applicabil
No.	Task	References
005	Check headset bearings	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do a check of the headset bearings	
006	Carry out chain checks	S1000DBIKE-AAA-D00-00-00-00AA-121A-A
	To do a check of the chain	



Bicycle

Maintenance Allocation Chart

Table (of co	ontents	Page
	Refe Main Tools	rencestenance allocation charts list	
List of	tab	les	
	1	References	1
	2	Bicycle	1
	3		8
	4	Remarks List	9
		Refere	nces
		Table 1 Re	ferences
Data mo	dule /	Technical publication	itle
None			

Maintenance allocation chart

Table 2 Bicycle

Group	Component/	Maintenance	 М	ainte	nanc	e Lev	el	Tools and Equipment	Remarks
Equipment	· -	Function	1	2	3	4	5	Ref. Code	Code
00	Frame	Inspect	0.1						
0101	Front Wheel	Inspect	0.1					TL01, TL07	
		Test	0.1					TL01, TL07	
		Adjust	0.2					TL01, TL04, TL07	
		Align	0.2					TL01, TL04, TL07	
		Remove/ Install	0.3					TL01, TL07	
		Replace	0.3					TL01, TL07	
		Repair	0.5					TL01, TL07	



Table 2 Bicycle (Continued)

Group Equipment	Component/ Assembly	Maintenance Function	M	ainte	nance	e Lev	el 5	Tools and Equipment Ref. Code	Remarks Code
0102	Tire	Inspect	0.1			_		TL01, TL02	Oode
0102	1110	Test	0.1					TL06	
		Service	0.1					TL01, TL02, TL06, TL07	
		Adjust	0.1					TL01, TL02, TL06, TL07	
		Remove/ Install	0.5					TL01, TL02, TL05, TL06, TL07	
		Replace	0.5					TL01, TL02, TL05, TL06, TL07	
		Repair	1.0					TL01, TL02, TL03, TL06, TL07	
0201	Rear Wheel	Inspect	0.1					TL01	
		Test	0.1					TL01	
		Adjust	0.2					TL01, TL04, TL07	
		Align	0.2					TL01, TL04, TL07	
		Remove/ Install	0.3					TL01, TL04, TL07	
		Replace	0.3					TL01, TL04, TL07	
		Repair	0.5					TL01, TL04, TL07	
0202	Tire	Inspect	0.1					TL01, TL02	
		Test	0.1					TL06	
		Service	0.1					TL01, TL02, TL06, TL07	
		Adjust	0.1					TL01, TL02, TL06, TL07	
		Remove/ Install	0.5					TL01, TL02, TL05, TL06, TL07	
		Replace	0.5					TL01, TL02, TL05, TL06, TL07	



Table 2 Bicycle (Continued)

Group Equipment	Component/ Assembly	Maintenance Function	Ma	ainte	nanco	e Lev	el 5	Tools and Equipment Ref. Code	Remarks Code
Equipment	Assembly		1.0		3	4	3		Code
		Repair	1.0					TL01, TL02, TL03, TL06, TL07	
03	Seat and Seat Post	Inspect	0.1						
		Adjust	0.2					TL01, TL04	
		Remove/ Install	0.4					TL01, TL04, TL07	
		Replace	0.5					TL01, TL04, TL07	
04	Handlebars	Inspect	0.1						A1
		Adjust	0.1					TL01, TL04, TL07	
		Align	0.1					TL01, TL04, TL07	
		Remove/ Install	0.5					TL01, TL04, TL07	
		Replace	0.5					TL01, TL04, TL07	
05	Handle Bar Stem	Inspect	0.5					TL04, TL07	
		Remove/ Install	2.0					TL04, TL07	
		Replace	2.0					TL04, TL07	
06	Cranks	Inspect	0.2						
		Test	0.2					TL07	
		Remove/ Install	1.0					TL01, TL04, TL07	
		Replace	1.0					TL01, TL04, TL07	
07	Pedals	Inspect	0.2						
		Test	0.2					TL07	
		Adjust	0.3					TL01, TL04, TL07	
		Align	0.3					TL01, TL04, TL07	
		Remove/ Install	1.0					TL01, TL04, TL07	
		Replace	1.0					TL01, TL04, TL07	

Produced by Docuneering Ltd.



Table 2 Bicycle (Continued)

Group Equipment	Component/ Assembly	Maintenance Function	M	ainte	nance	e Lev	el 5	Tools and Equipment Ref. Code	Remarks Code
		Repair	1.0					TL01, TL04, TL07	
08	Chain	Inspect	0.2					. 20.	
		Test	0.2					TL07	
		Service	0.3					TL01, TL04, TL07	
		Adjust	0.4					TL01, TL04, TL07	
		Remove/ Install	0.8					TL01, TL04, TL07	
		Replace	0.8					TL01, TL04, TL07	
		Repair	1.0					TL01, TL04, TL07	
0901	Gears-Front chain ring	Inspect	0.2						
		Test	0.3					TL07	
		Service	0.3					TL01, TL04, TL07	
		Adjust	0.3					TL01, TL04, TL07	
		Align	0.3					TL01, TL04, TL07	
		Calibrate	8.0					TL01, TL04, TL07	
		Remove/ Install	1.0					TL01, TL04, TL07	
		Replace	1.0					TL01, TL04, TL07	
		Repair	0.8					TL01, TL04, TL07	
		Overhaul		2.5				TL01, TL04, TL07	
		Rebuild		2.5				TL01, TL04, TL07	
0902	Gears-Rear freewheel	Inspect	0.3						
		Test	0.3					TL07	



Table 2 Bicycle (Continued)

Group	Component/	Maintenance		ainte				Tools and Equipment	Remarks
Equipment	Assembly	Function	1	2	3	4	5	Ref. Code	Code
		Service	0.5					TL01, TL04, TL07	
		Adjust	0.5					TL01, TL04, TL07	
		Align	0.5					TL01, TL04, TL07	
		Calibrate		0.8				TL01, TL04, TL07	
		Remove/ Install		2.0				TL01, TL04, TL07	
		Replace		2.0				TL01, TL04, TL07	
		Repair		2.5				TL01, TL04, TL07	
		Overhaul		3.0				TL01, TL04, TL07	
		Rebuild		4.0				TL01, TL04, TL07	
0903	Gears-Derailleurs	Inspect	0.5						
		Test	0.5					TL07	
		Service	0.5					TL01, TL04, TL07	
		Adjust	0.5					TL01, TL04, TL07	
		Align		0.5				TL01, TL04, TL07	
		Calibrate		1.0				TL01, TL04, TL07	
		Remove/ Install		2.0				TL01, TL04, TL07	
		Replace		2.0				TL01, TL04, TL07	
		Repair		2.0				TL01, TL04, TL07	
		Overhaul		3.0				TL01, TL04, TL07	
		Rebuild		4.0				TL01, TL04, TL07	
0904	Gears-Shift levers	Inspect	0.2						

Produced by Docuneering Ltd.



Table 2 Bicycle (Continued)

Group Equipment	Component/ Assembly	Maintenance Function	 M 1	ainte 2	nanc	e Lev 4	el 5	Tools and Equipment Ref. Code	Remarks Code
• •		Test	0.3					TL07	
		Service	0.3					TL01, TL04	
		Adjust	0.3					TL01, TL04, TL07	
		Calibrate		1.0				TL01, TL04, TL07	
		Remove/ Install		1.5				TL01, TL04, TL07	
		Replace	1.5					TL01, TL04, TL07	
		Repair		1.5				TL01, TL04, TL07	
0905	Gears-Cables	Inspect	0.3						
		Test	0.3						
		Service	0.3					TL01, TL04, TL07	
		Adjust	0.5					TL01, TL04, TL07	
		Remove/ Install		2.0				TL01, TL04, TL07	
		Replace	2.0					TL01, TL04, TL07	
1001	Brakes-Handlebar actuators	Inspect	0.3						
		Test	0.3						
		Service	0.4					TL01, TL04	
		Adjust	0.4					TL01, TL04	
		Align	0.4					TL01, TL04	
		Remove/ Install	1.0					TL01, TL04	
		Replace	1.0					TL01, TL04	
		Repair	1.5					TL01, TL04	
1002	Brakes-Cables	Inspect	0.2						
		Test	0.2						
		Service	0.4					TL01, TL04	
		Adjust	0.4					TL01, TL04	
		Align	0.5					TL01, TL04	



Table 2 Bicycle (Continued)

Group Equipment	Component/ Assembly	Maintenance Function	M	ainte	nanc	e Lev 4	el 5	Tools and Equipment Ref. Code	Remarks Code
		Remove/ Install	1.0					TL01, TL04	
		Replace	1.0					TL01, TL04	
1003	Brakes-Calipers	Inspect	0.2						
		Test	0.2						
		Service	0.5					TL01, TL04	
		Adjust	0.5					TL01, TL04	
		Align	0.5					TL01, TL04	
		Remove/ Install	1.0					TL01, TL04	
		Replace	1.0					TL01, TL04	
1005	Brakes-Pads	Inspect	0.2						
		Test	0.2						
		Service	0.3					TL01, TL04	
		Adjust	0.3					TL01, TL04	
		Align	0.3					TL01, TL04	
		Remove/ Install	0.8					TL01, TL04	
		Replace	0.8					TL01, TL04	



Tool and Test Equipment Requirements

Table 3 Maintenance Tools

Reference Code	Maintenance Category	Nomenclature	NATO Stock Number	Tool Number
TL01	Level 1	Specialist Toolset		tool-001
TL02	Level 1	Foot Pump		tool-002
TL03	Level 1	Patch Kit		tool-003
TL04	Level 1	Allen wrench set		tool-004
TL05	Level 1	Tire Lever		tool-005
TL06	Level 1	Tire Pressure Gauge		tool-006
TL07	Level 2	Test Stand		tool-007



Remarks

Table 4 Remarks List

Remarks Code	Remarks	
A1	Headlight not installed	





Wheel

Description of how it is made

Table	of co	ntents		Page
	Refer	encesiption		
	1.1 1.2 1.3	SpokesWheel rim		4 4
List of	f table	es		
	1	References		1
List of	figu	es		
	1 2 3	The tire and rim		5
			References	
			Table 1 References	
Data mo	dule / 1	Technical publication	Title	
None				

Description

1 The bicycle wheel

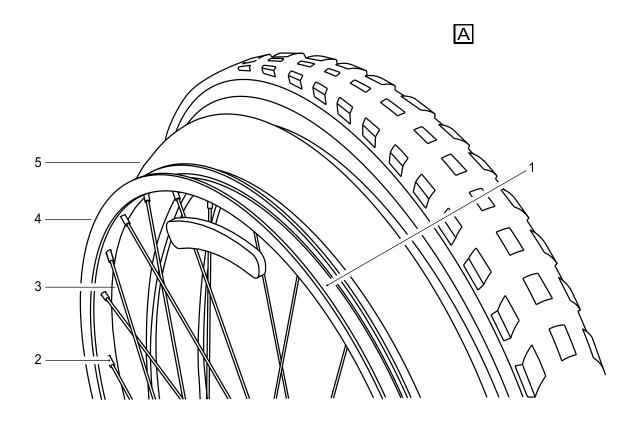
The wheel (refer to Fig 1) of a bicycle is a complex structure. The wheel assembly has these parts:

the tire
the tube
the spokes
the spoke nipples
the valve
the hub



On their own, the individual components are not very strong. But, when they are installed together, the components make the complete wheel (refer to Fig 1). The complete wheel is resistant to almost any type of heavy loads and operation.





ICN-C0419-S1000D0365-001-01

Fig 1 Parts of the wheel

Produced by Docuneering Ltd.



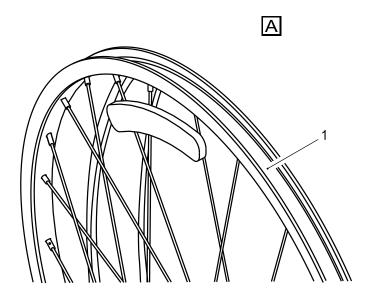
1.1 Spokes

The spokes go out from the hub and go across and below each other. The spoke nipples attach the spokes to the rim with the threads on the end of the spokes. You can use the spoke nipples to adjust the tension of the spokes. The tension on each of the spokes must be equal.

1.2 Wheel rim

The rim (refer to Fig 2) of the wheel has a lining of rim tape. This tape protects the tube from damage that the rough edges on the spoke nipples can cause.





ICN-C0419-S1000D0366-001-01

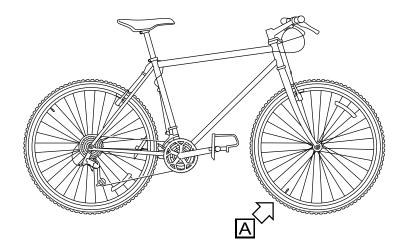
Fig 2 The tire and rim

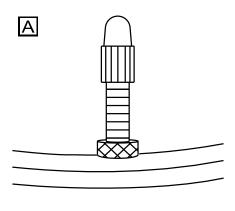
Brook trekker Mk9)

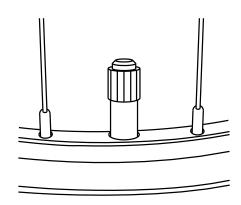


1.3 Tube and tire

The tube and the tire install on the rim. The sidewalls of the tire have markings on them. These which are used to indicate the correct direction of rotation. The markings also make sure the tire installs on the rim and that the directional arrows points in the correct direction. You install the tube into the tire before you inflate it. The tube has a valve (refer to Fig 3) which you put through the hole in the rim. This valve (refer to Fig 3) is used to inflate the tube and the tire to the correct pressure. A dust cap installs on the valve (refer to Fig 3) to prevent damage that dust and debris can cause.







ICN-C0419-S1000D0367-001-01

Fig 3 Valve





Wheels

Description of how it is made: Knowledge Check

This is a "learning" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "learning" Data Module

UNCLASSIFIED





Inner tube

Remove and install a new item

Table	of co	ontents	Page
List o	Refe Preli Proc	nove and install a new item	1 1 2
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
LIST	of figu	Removing the inner tube	3
		References	
		Table 1 References	
Data n	nodule /	Technical publication Title	
S1000	DBIKE-A	AAA-DA0-10-20-00AA-215A-A	
S1000	DBIKE-A	AAA-DA0-10-20-00AA-215A-A	

Preliminary requirements

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
The tire is removed.	S1000DBIKE-AAA-DA0-10-20-00AA-215A-A	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	ame Manufacturer / Part No.		Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	ne Manufacturer / Part No.		Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.		Remark
Inner tube	MFR: KT222 /PN: IT-001	1 EA	

Safety conditions

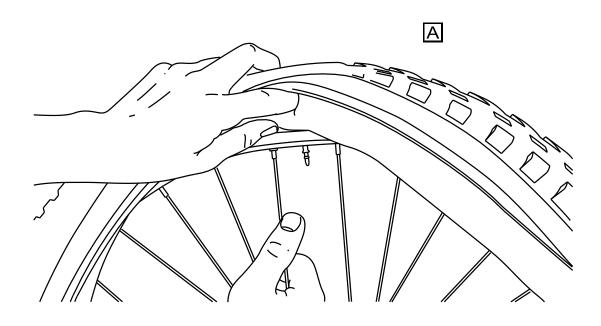
CAUTION

Be careful with sharp or hard tools. They can cause damage to the inner tube.

Procedure

Remove the old inner-tube.





ICN-C0419-S1000D0369-001-01

Fig 1 Removing the inner tube



2 Install the new Inner tube.

Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
Replace the tire.		
Inflate the tire with air.	S1000DBIKE-AAA-DA0-10-20-00AA-215A-A	



Tire

Fill with air

Table (of contents	;		Page
	References Preliminary re Procedure	quirements		
List of	tables			
	1 Refer	ences		1
				1
				2
	5 Cons	umables, materials and	expendables	2
	6 Spare	es		2
	7 Requ	red conditions		3
		Re	eferences	
		Table	e 1 References	
Data mo	dule / Technica	l publication	Title	
S1000DI	BIKE-AAA-DA0-	10-20-00AA-362B-A		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
None		

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA0-10-20-00AA-215A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	
Foot pump	MFR: KZ666 /PN: BSK-TLST-001-05	1 EA	
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name Manufacturer / Part No.		Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.		Remark
None			

Safety conditions

None

Procedure

- 1 Ensure bicycle is on the repair stand.
- 2 Locate the deflated tire.
- Attach the outlet valve of the Foot pump, from the Specialist toolset, to the valve of the deflated tire.
- 4 Inflate the tire.
- 4.1 Operate the foot pump to pump air into the tire.
- 4.2 Check tire pressure. Refer to \$1000DBIKE-AAA-DA0-10-20-00AA-362B-A



Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		





Tire

Check pressure

lable of o	contents	Page
Re Pro Pro	neck pressure	1 1 2
1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
	References	
	Table 1 References	
Data module	e / Technical publication Title	
S1000DBIKE	E-AAA-DA0-10-10-00AA-921A-A	
S1000DBIKE	E-AAA-DA0-10-20-00AA-215A-A	

Preliminary requirements

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Locate the valve stem of tire.
- 2 Use the tire pressure gauge (Tire pressure gauge) to check the tire pressure.
- Tire pressure should between 2000 hPa to 2700 hPa.
- 3.1 If tire pressure is less than 2000 hPa inflate tire. Refer to S1000DBIKE-AAA-DA0-10-20-00AA-215A-A
- 3.2 If the tire cannot maintain pressure or the tire pressure is greater than 2700 hPa replace the inner tube. Refer to \$1000DBIKE-AAA-DA0-10-10-00AA-921A-A



Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		





Front wheel

Fault reports and isolation procedures

Fault codes

Fault code	Fault description	
NYCJD04	Tire does not function correctly	
Table of c	ontents	Page
Fau Ref Pre	erencesllt reports and isolation proceduresllminary requirementsllminary after job completion	1 1
List of tab	bles	
1 2 3 4 5 6	References Required conditions Support equipment Consumables, materials and expendables Spares Required conditions	
	References	
	Table 1 References	
Data module	/ Technical publication Title	
S1000DBIKE-	AAA-DA0-10-10-00AA-921A-A	
S1000DBIKE-	AAA-DA0-10-20-00AA-215A-A	

Fault isolation procedure

Fault code

NYCJD04

S1000DBIKE-AAA-DA0-10-20-00AA-921A-A

Fault description

Tire does not function correctly

Produced by Docuneering Ltd.



Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Support equipment

Table 3 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Tire pressure gauge	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 5 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Isolation procedure

- Use the tire pressure gauge (Tire pressure gauge) to do a check of the pressure What is the tire pressure reading?
 More than 2700 hPa Step 2
- 1.2 Between 100 hPa and 2700 hPa Step 3
- 1.3 Less than 100 hPa Step 4

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



2	Deflate the tire until the pressure is 2700 hPa
	Go to requirements after job completion
3	Inflate the tire as given in S1000DBIKE-AAA-DA0-10-20-00AA-215A-A
	Go to requirements after job completion
4	To do a check of the tire for damage
	Is there damage to the tire?
4.1	Yes: Go to Step 5
4.2	No: Go to Step 6
5	Replace the tire (refer to \$1000DBIKE-AAA-DA0-10-20-00AA-921A-A)
	Go to requirements after job completion
6	Replace the inner-tube (refer to \$1000DBIKE-AAA-DA0-10-10-00AA-921A-A)
	Go to requirements after job completion

Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication
None	





Front wheel

Remove procedures: Interactive content - Procedure

This is a "learning" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "learning" Data Module





Tire

Remove and install a new item

Table	of co	ontents		Page
	Refe Prelin Proce Requ	rences minary requirements edure uirements after job comple		1 1
List of	f tabl	es		
	1 2 3 4 5 6 7	Required conditions Required persons Support equipment Consumables, materia Spares	als and expendables	
			Table 1 References	
Data mo	dule /	Technical publication	Title	
S1000D	BIKE-A	AA-DA0-00-00-00AA-041	A-A	
S1000D	BIKE-A	AA-DA0-10-20-00AA-215	A-A	
S1000D	BIKE-A	AA-DA1-00-00-00AA-341	A-A	

Preliminary requirements

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	
Tire lever	MFR: KZ666 /PN: BSK-TLST-001-04	1 EA	
Tire pressure guage	MFR: KZ666 /PN: BSK-TLST-001-01	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Tire	MFR: KT666 /PN: TIRES-010101	1 EA	

Safety conditions

None

Procedure

- 1 Lift and turn the bicycle and make sure the bicycle is held safely in this position.
- 2 Use a standard wrench from the Specialist toolset and loosen the brake caliper.
- 3 Remove the axle bolt.
- 4 Remove the wheel.
- 5 Deflate the tire.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



6	Use the Tire lever from the Specialist toolset and remove the old tire from the wheel.
7	Use the Tire lever from the Specialist toolset and attach the new Tire to the wheel. Refer to S1000DBIKE-AAA-DA0-00-00-00AA-041A-A
8	Inflate the tire (refer to S1000DBIKE-AAA-DA0-10-20-00AA-215A-A).
9	Install the wheel.
10	Tighten the axle bolt.
11	Tighten the brake caliper.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
Lift and turn the bicycle to the correct position.	
Do a test of the brakes as given in the brake test procedure.	S1000DBIKE-AAA-DA1-00-00-00AA-341A-A

UNCLASSIFIED





Rear wheel

Detected fault

Fault codes

Fault code F	ault description	
NYCJD00 T	The rear wheel does not operate correctly	
Table of contents		Page
References		
List of tables		
1 Reference	es	
	References	
	Table 1 References	
Data module / Technical pu	ublication Title	
None		

Fault reporting

Fault code

NYCJD00

Fault description

The rear wheel does not operate correctly

Fault detection

Type: Major



1 **Detected LRU**

Line replaceable unit

Nomenclature	Identification
Tire	MFR: KT666/PN: TIRES-010101

Isolate detected fault

Fault isolation test - LRU 1

Line replaceable unit

Nomenclature	Identification
Rear wheel	MFR: KZ333/PN: WH-001

Remarks

Prepare the rear wheel for the removal of the tire



Rear wheel

Remove procedures

Table of	f contents	Page
F F F	Remove procedures References Preliminary requirements Procedure Requirements after job completion	1 1 2
List of t		
2	1 References	1222
	References	
	Table 1 References	
Data modu	ule / Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA0-20-00-00AA-520A-A



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Hold the rear of the bicycle.
- 2 Push the wheel forwards and down to disengage the chain from the sprocket.
- Turn the wheel to the side and lift it away from the frame.
- 4 Put the frame on the floor.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication
None	



Front wheel

Remove procedures

Table of	contents	Page
R	emove procedures	
	eferences	
P	reliminary requirements	
	rocedure	
R	equirements after job completion	2
List of ta	ables	
1	References	
2	Required conditions	
3	Required persons	
4	Support equipment	
5	Consumables, materials and expendables	
6	Spares	
7	Required conditions	
	References	
	Table 1 References	
Data modul	le / Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA0-30-00-00AA-520A-A



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Hold the front of the bicycle.
- 2 Use the (Specialist toolset) to disengage the fork from the chainring by pushing the wheel forwards and down.
- 3 Lift the wheel away from the frame.
- 4 Put the frame on the floor.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication
None	



Front wheel

Install procedures

Table of c	contents	Page
Rei Pre Pro	tall procedures ferences eliminary requirements ocedure quirements after job completion	1 1 2
List of tak	oles	
1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	1 2 2
	References	
	Table 1 References	
Data module	/ Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Note 1
 - It is necessary to install the fork and the brakes before installing the wheel
- 2 Hold the front of the bicycle.
- 3 Install the wheel with (Specialist toolset) and be careful to not damage the chainring.
- 4 Put the bike on the floor.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication
None	



Brake system

Description of how it is made

Table	of co	ntents	Page
	Refere	iption of how it is made ences iption Brake system Cantilever brake Brake pads Brake lever	1 1 1 4
List of	table	9 S	
	1	References	1
List of	figur	es	
	1 2 3	Cantilever brake with straddle cable Exploded diagram of a brake Typical components of a mountain bicycle lever	5
		References	
		Table 1 References	
Data mo	dule / T	echnical publication Title	
None			

Description

1 Brake system

The most important part of the bicycle is the brake system. Only a minimum maintenance of the brake system is necessary. But, when a problem does occur, make sure you to do the necessary maintenance as quickly as possible. If you do not do this the bicycle will be dangerous to use.

There are nine different types of brake systems. The one found on most bicycles is the cantilever brake (refer to Para 1.1).

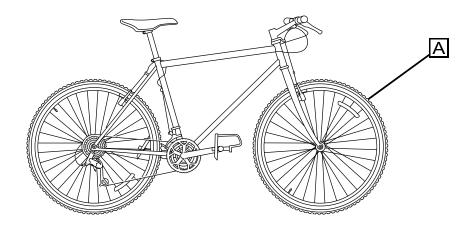
1.1 Cantilever brake

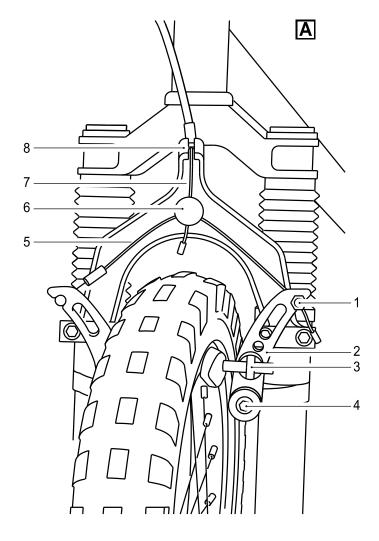
The brake system (refer to Fig 1) has these primary components:

the brake lever (refer to Para 1.3)



the brake cable the brake arm the brake clamp (also known as callipers) the brake pads (refer to Para 1.2)





ICN-C0419-S1000D0379-001-01

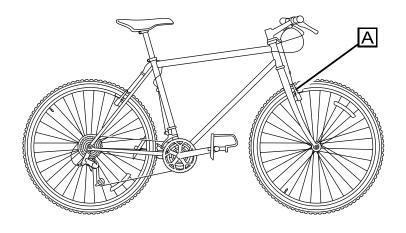
Fig 1 Cantilever brake with straddle cable

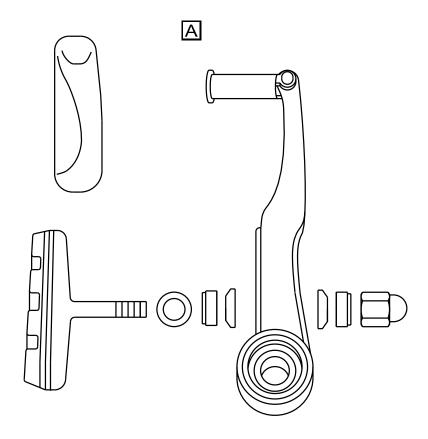


A cable that goes from the brake levers on the handlebars pulls the two levers on the brakes together. This presses the brake pads against the outer rim of the wheel, which decreases the speed of the bicycle.

1.2 Brake pads

There are four brake pads (refer to Fig 2) on the bicycle. Two are found on the front wheel and two on the rear wheel. The brake pads are made out of hard wearing rubber. The pads press against the rim of the wheel to cause friction when the you operate the brake levers.





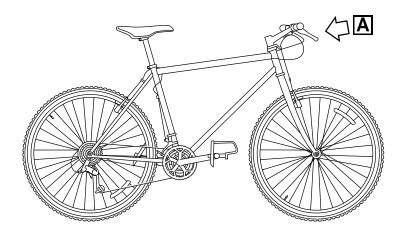
ICN-C0419-S1000D0380-001-01

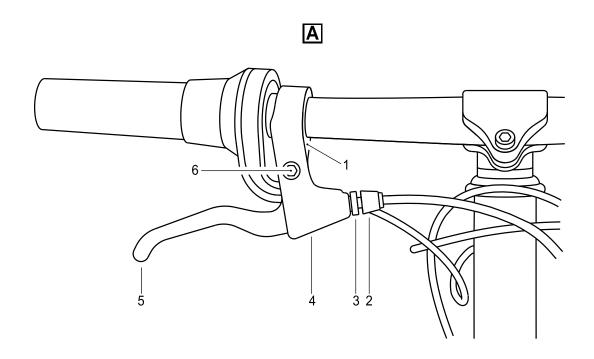
Fig 2 Exploded diagram of a brake



1.3 Brake lever

The brake levers (refer to Fig 3) are easily damaged. The lever is installed in the mount. A clamp bolt holds the mount. This bolt is not visible because it is found in the mount. The lever turns on a lever pivot bolt. The adjuster lock nut holds the brake cable. This lock nut adjusts the tension of the cable.

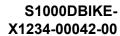




ICN-C0419-S1000D0381-001-01

Fig 3 Typical components of a mountain bicycle lever







The left brake lever holds the brake pads on the front wheel and the right brake pads hold the brakes on the rear wheel.



Brake system

Manual test

Table of	of contents	Page
	Manual test References Preliminary requirements Procedure Requirements after job completion	1 1 2
List of	tables	
	1 References 2 Required conditions 3 Required persons 4 Support equipment 5 Consumables, materials and expendables 6 Spares 7 Required conditions	122
	References	
	Table 1 References	
None	dule / Technical publication Title	
INOLIG		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Produced by Docuneering Ltd. Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA1-00-00-00AA-341A-A



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Put the bicycle in a vertical position.
- 2 Hold the handle bars and push the bicycle forwards.
- 3 Apply the brakes.
- 4 Make sure that the wheels lock and the bicycle stops.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication
None	



Brake pads

Clean with rubbing alcohol

Table	of contents	Page
	References Preliminary requirements . Procedure	
List of	tables	
	1 References	1
		ns1
	4 Support equipme	t2
	5 Consumables, ma	terials and expendables2
		2
	7 Required condition	ns3
		References
		Table 1 References
Data mo	odule / Technical publication	n Title
S1000DI	RIKE-AAA-D00-00-00-00AA	121Δ-Δ

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Produced by Docuneering Ltd.

S1000DBIKE-AAA-DA1-10-00-00AA-251A-A



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Rubbing alcohol	MFR: KZ222 /PN: LL-002	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- Do a visual inspection of the brakes as given in the pre-ride checks (refer to \$1000DBIKE-AAA-D00-00-00-00AA-121A-A).
- 2 Clean the brake pads.
- 2.1 Find each of the brake pads.
- 2.2 Apply a thin layer of the Rubbing alcohol on each of the brake pads.
- 2.3 Rub the surface until you have applied the Rubbing alcohol to the complete surface of the pad.
- 2.4 Remove the unwanted alcohol.



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Front brake

Remove procedures

Table	of co	ontents	Page
l iat a	Refe Preli Proc Requ	nove procedures erences iminary requirements cedure uirements after job completion	1 1 2
List o	1	References	1
	2	Required conditions	
	3	Required persons	
	4	Support equipment	
	5 6	Consumables, materials and expendables	
	7	Spares Required conditions	
		References	
		Table 1 References	
Data m	odule /	Technical publication Title	
None			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Hold the front of the bicycle.
- 2 Remove the front brake forwards.
- 3 Put the frame on the floor.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication	
None		



Front brake

Install procedures

Table of	f contents	Page
ļ	Install procedures	
	References	
ſ	Preliminary requirements	······································
ſ	Procedure	2
ſ	Requirements after job completion	2
List of t	ables	
,	1 References	
7	Required conditions	
(Required persons	
4	4 Support equipment	
į.	5 Consumables, materials and expendables	
(6 Spares	
7	Required conditions	
	References	
	Table 1 References	
Data mode	ule / Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA1-20-00-00AA-720A-A



Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Note 1
 - It is necessary to install the fork before installing the brakes
- 2 Hold the front of the bicycle.
- 3 Install the front brakes on the fork.
- 4 Put the frame on the floor.

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication	
None		



Steering

Description of how it is made

Table	ot co	ntents		Page
	Descr	iption of how it is made		1
	Refere	ences		1
	Descr	iption		
	1	Steering		
	1.1	Handlebar		
	1.2			
	1.3	Stem		2
List of	f table			1
			References	
			Table 1 References	
Data mo	odule / 1	echnical publication	Title	
S1000D	RIKE_A	Δ_DΔ2_30_00_00ΔΔ_041	ΙΔ_Δ	

Description

1 Steering

The steering on the bike is what enables the bike to manoeuvre in a given direction during travel. The steering system on the bike is made of three parts, they are:

Para 1.1 The handlebar Para 1.2 The headset Para 1.3 The stem

1.1 Handlebar

This consists of a horizontal bar attached to the stem with handgrips at the end. Brake levers and shifters are also attached to this bar although they do not have any part in the steering mechanism. The handlebars manoeuvrability is a sideways swivelling action. The handlebars themselves do not provide this swivelling, the headset (also known as the steering tube) is the mechanism that enables the handlebars to swivel.

1.2 Headset

This mechanism is situated in front of the frame and connects the front fork to the stem and handlebars. The headset allows the handlebars to swivel left and right for steering purposes.

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



For a full description of the headset, refer to \$1000DBIKE-AAA-DA2-30-00-00AA-041A-A.

1.3 Stem

The stem is a piece that attaches the handlebar to the steering tube. Basically the stem is just a threaded stem bolt situated inside the steerer tube and is what attaches the handlebars to the headset.



Steering

Description of how it is made: Knowledge Check

This is a "learning" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "learning" Data Module

UNCLASSIFIED





Stem

Remove procedures

Table of	contents	Page
R P P	Remove procedures References Preliminary requirements Procedure Requirements after job completion	1 1 2
List of ta	ables	
1 2 3 4 5 6 7	Required persons Support equipment Consumables, materials and expendables Spares Required conditions	2 2 2
List of fi	igures	
1	Remove the bolt	3
	References	
	Table 1 References	
Data modu	ile / Technical publication Title	
S1000DBIK	(F-AAA-DA2-20-00-00AA-520A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
Safety the bicycle in a bicycle stand and hold the front wheel off the ground	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike Rider	Intermediate	Operator	1,5 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Set of Allen wrenches	MFR: KZ666 /PN: BSK-TLST-001-13	1 EA	
Work stand	MFR: KZ555 /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

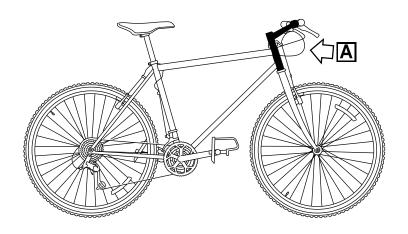
Safety conditions

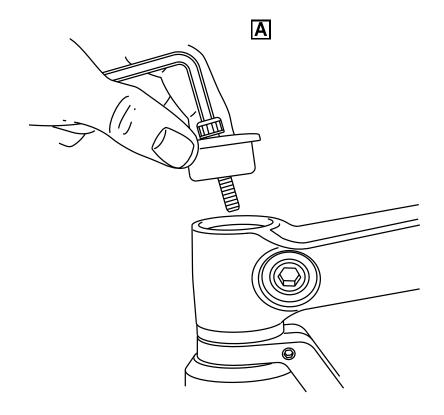
Note 1

It is not necessary to remove the handlebar when you remove the stem to get access to the headset.

Procedure

- 1 Remove the handlebar S1000DBIKE-AAA-DA2-20-00-00AA-520A-A
- 2 Remove the stem.
- 2.1 Remove the bolt in the center of the stem cap.





ICN-C0419-S1000D0387-001-01

Fig 1 Remove the bolt



- 2.2 Loosen the stem clam bolt with a Set of Allen wrenches.
- 2.3 Remove the stem from the steerer tube.
- 2.4 Note: It is not necessary to remove the handlebar if you remove the stem to get access to the

Requirements after job completion

Required conditions

Action / Condition	Data module / Technical publication	
None		



Stem

Install procedures

Table	of cor	ntents	Page
	Refere Prelim Proced	proceduresences	
List of	table	es	
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
List of	figur	res	
	1 2	Lubricate the thread Tighten the bolt	
		References	
		Table 1 References	
Data mo	dule / T	echnical publication Title	
\$1000DI	RIKE_AA	ΔΔ-ΠΔ2-20-00-00ΔΔ-720Δ-Δ	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
Make sure the bicycle is held safely on a work stand with the front wheel free of the ground		



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike Rider	Intermediate	Operator	1,0 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Clean dry cloth	MFR: KZ666 /PN: BSK-TLST-001-12	1 EA	
Work stand	MFR: KZ555 /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Rubbing alcohol	MFR: KZ222 /PN: LL-002	1 L	
General lubricant	MFR: KZ222 /PN: LL-001	1 L	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Stem	MFR: KZ555 /PN: St-001	1 EA	
Stem bolt	MFR: KZ555 /PN: St-001-01	1 EA	

Safety conditions

CAUTION

Do not tighten the stem bolt too much. You can cause damage to the headset bearings if you tighten the stem too much.





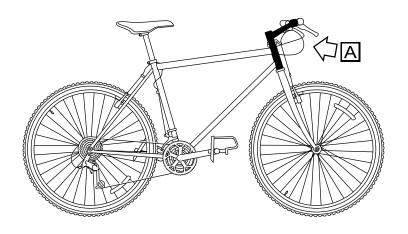
Note 1

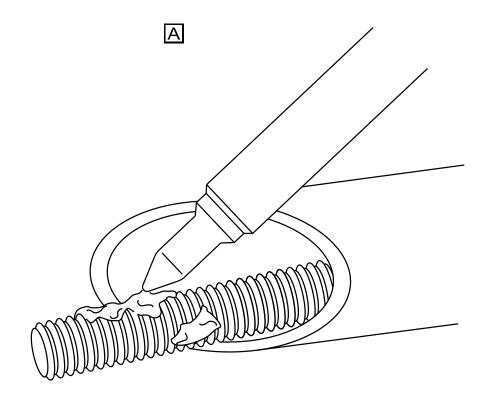
The stem must point forward in alignment with the wheel.

Procedure

- 1 Remove all the rust and the corrosion with a Clean dry cloth and Rubbing alcohol.
- 2 Install the stem.
- 2.1 Use a General lubricant and lubricate:
 - the threads of the Stem and Stem bolt
 - the sides
 - the top of the wedge







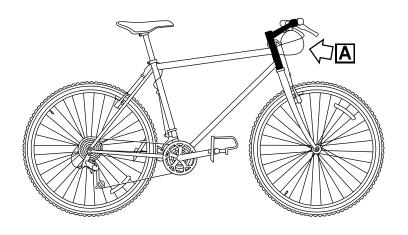
ICN-C0419-S1000D0385-001-01

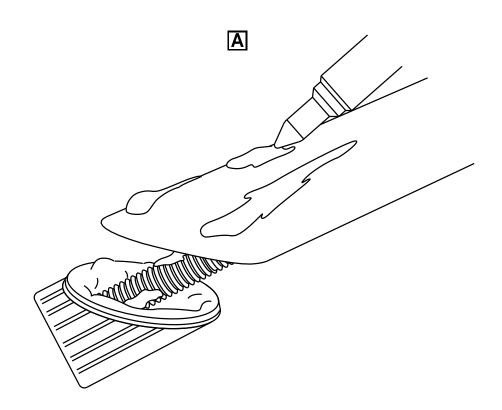
Fig 1 Lubricate the thread



2.2 Install the Stem in the steerer tube.







ICN-C0419-S1000D0386-001-01

Fig 2 Tighten the bolt



- 2.3 Adjust to align the Stem with the wheel and tighten the Stem bolt firmly.
- 3 Install the handlebars (refer to S1000DBIKE-AAA-DA2-20-00-00AA-720A-A).

Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		





Handlebar

Remove procedures

Table	of co	ontents	Page
Liet of	Refe Preli Proc Requ	nove procedures	1 1 2
List of	tab		
	1	References	
	2 3	Required conditions	
	3 4	Required persons Support equipment	
	5	Consumables, materials and expendables	
	6	Spares	
	7	Required conditions	
List of	figu	ıres	
	1	Loosen the clamp screw with the Allen wrench	4
	2	Loosen the clamp bolt	
		References	
		Table 1 References	
Data mo	dule /	Technical publication Title	
None			

Preliminary requirements

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle is held safely on a work stand.	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike rider	Intermediate	Operator	1,5 h

Support equipment

Table 4 Support equipment

Name Manufacturer / Part No.		Quantity	Remark
Set of Allen wrenches	MFR: KZ666 /PN: BSK-TLST-001-13	1 EA	
Work stand	MFR: KZ555 /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions



Procedure

1 Remove the grips

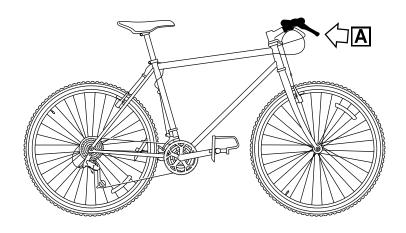
1.1 Put a long thin screwdriver below the grip and apply water between the grip and the handle bar.

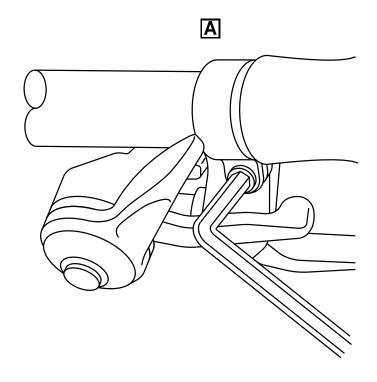
Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



- 1.2 Turn the grip forwards and rearwards to loosen it and then pull it off the end of the handlebar.
- 2 Remove the brake and the shift levers from the handlebars
- 2.1 Loosen the clamp screw (refer to Fig 1) which is behind or below the brake lever (as shown).







ICN-C0419-S1000D0389-001-01

Fig 1 Loosen the clamp screw with the Allen wrench

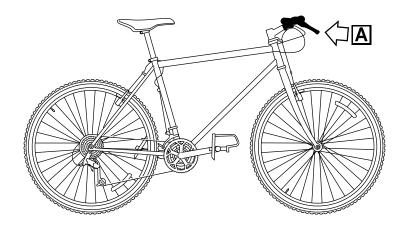


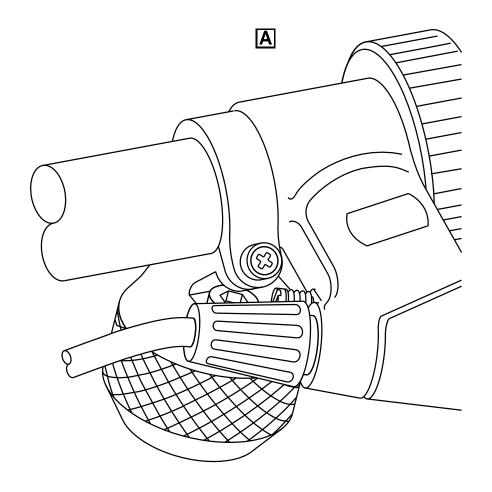
- 2.2 Remove the lever and the mount from the handlebar.
- 2.3 Loosen the clamp bolt and remove the shifter from the handlebar.

3 Remove the handlebar

Use a Set of Allen wrenches and loosen the clamp bolt (refer to Fig 2). To remove, move the handlebar out of the stem.







ICN-C0419-S1000D0388-001-01

Fig 2 Loosen the clamp bolt



Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		





Handlebar

Install procedures

Table	ot co	ontents	Page
	Refer Prelir Proce Requ	Il procedures rences minary requirements edure uirements after job completion	1 1 3
List o	f tabl	es	
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
		References	
		Table 1 References	
Data m	odule /	Technical publication Title	
None			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle is held safely on work stand. Refer to (V	Vork stand)

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike rider	Intermediate	Operator	1,5 h

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA2-20-00-00AA-720A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Set of Allen wrenches	MFR: KZ666 /PN: BSK-TLST-001-13	1 EA	
Extra firm hold hairspray	MFR: HS111 /PN: HSP-D001	1 EA	
Work stand	MFR: KZ555 /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Handlebar	MFR: KZ555 /PN: Hd-001	1 EA	
Brake lever	MFR: KT444 /PN: BR-LVRS-001	1 EA	
Shifter lever	MFR: KZ555 /PN: SI-001	1 EA	
Brake lever mount	MFR: KT444 /PN: BR-LVRS-001-01	1 EA	
Handlebar grips	MFR: KZ555 /PN: Hd-001-01	1 EA	
Handlebar plug	MFR: KZ555 /PN: Hd-001-02	1 EA	

Safety conditions

WARNING

Do not ride the bicycle until the grips have become dry and are firmly held in position. If the grips are wet, your hands can move off the grips when you ride the bicycle.

WARNING Do not ride a bicycle with no grips on the handlebar. CAUTION Make sure the handlebar is correctly aligned in the center of the stem.

Procedure

- Put the Handlebar in the stem and tighten the clamp bolt with a Set of Allen wrenches. Make sure the handlebar is correctly aligned in the center of the stem. Tighten the clamp bolt.
- 2 Put the Brake lever and Shifter lever on the handlebar.
- 2.1 Move the Shifter lever on the Handlebar again and make sure you do not catch the cables.
- 2.2 Tighten the clamp bolt.
- 2.3 Move the Brake lever mount and the brake lever on the Handlebar again.
- 2.4 Tighten the clamp screw.
- 3 Replace the Handlebar grips.
- 3.1 Apply with the Extra firm hold hairspray to the Handlebar grips area of the Brake lever mount.
- 3.2 Before the Extra firm hold hairspray becomes dry, move the Handlebar grips into the correct position. Make sure the grip protects the end of the Handlebar or install a Handlebar plug.

Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		





Headset

Description of how it is made

Table of contents		Page
References Description		1
List of tables		
1 References		1
List of figures		
1 Headset		3
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Description

1 Headset

The headset (refer to Fig 1) is a pair of bearings on the two ends of the head tube of the frame. These bearings permit the fork to turn rearward and forward (for example, to let the rider turn the handlebars for the steering).

The headset (refer to Fig 1) includes the parts that follow:

The bearing races that push into the head tube a bearing race that pushes on the fork steerer tube an adjustable upper race two sets of ball bearings

A headset has cups that are pushed into the head tube and a ring on the fork. All three must be fully parallel. It is usually necessary to remove rough paint to get all three fully parallel.

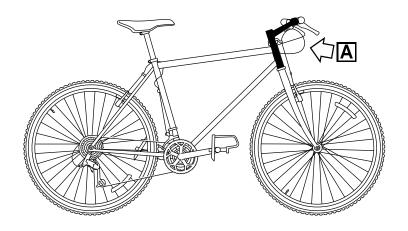
The upper race installs onto the steerer tube with a thread. A locknut is used to safety the upper race.

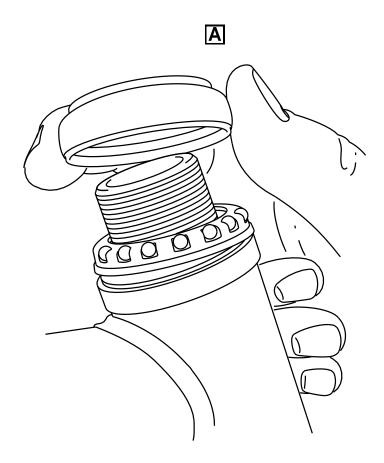
A clamp bolt holds the stem to the steerer tube.



The fourth remaining bearing race is part of a nut that installs on the threaded top end of the fork. This is done after you install it in the head tube. It is sometimes necessary for some headsets to have more thread at the top of the head tube. If the fork is too long, the spacer rings can be installed. If it is too short, there is a limit to the number of headsets you can use.

For an illustration of the parts of the headset (refer to Fig 1).





ICN-C0419-S1000D0391-001-01

Fig 1 Headset





Headset

Remove procedures

Table	of co	ontents	Page
	Refe Preli Proc	nove procedures erences liminary requirements cedure quirements after job completion	1 1 2
List o	of tab	les	
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
List c	of figu	ures	
	1	Lift the upper bearing cup	3
		References	
		Table 1 References	
Data m	odule /	/ Technical publication Title	
S1000I	DBIKE-A	AAA-DA2-10-00-00AA-520A-A	

Preliminary requirements

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle is safely held on a work stand	



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike Rider	Intermediate	Operator	0,5 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Work stand	MFR: Bikey /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name Manufacturer / Part No.		Quantity	Remark
None			

Safety conditions

Note 1

It is not necessary to remove the handlebar for this procedure.

Procedure

- 1 Remove the stem (refer to S1000DBIKE-AAA-DA2-10-00-00AA-520A-A).
- 2 Remove:

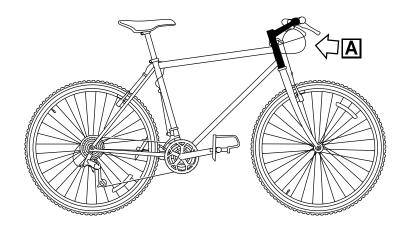
the spacers

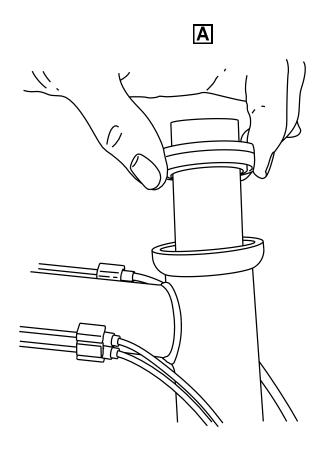
the brake cable hangar

the dust seals

the conical expansion washer(s) from the steerer tube

3 Lift the upper bearing cup off (refer to Fig 1) and then remove the fork from the frame.





ICN-C0419-S1000D0390-001-01

Fig 1 Lift the upper bearing cup



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		



Headset

Install procedures

Table	of contents		Page
	References Preliminary requirement Procedure	entsb completion	
List of	tables		
	2 Required con 3 Required per 4 Support equiped 5 Consumable 6 Spares	nditions rsons pment s, materials and expendables	
		References	
		Table 1 References	
Data mo	dule / Technical publi	cation Title	
S1000D	3IKE-AAA-DA2-10-00-0		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle is safely held on a work stand	

Required persons

Produced by Docuneering Ltd.

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Bike Rider	Intermediate	Operator	1,5 h

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA2-30-00-00AA-720A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Work stand	MFR: Stand /PN: Stand-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Frame fork	MFR: KZ555 /PN: St-001-02	1 EA	
Upper bearing cup	MFR: KZ555 /PN: St-001-03	1 EA	
Brake cable hangar	MFR: KT444 /PN: BR-LVRS-002	1 EA	
Dust seal	MFR: KZ555 /PN: St-001-04	1 EA	
Conical expansion washer	MFR: KZ555 /PN: St-001-05	1 EA	

Safety conditions

None

Procedure

- 1 Install the Frame fork on the frame.
- 2 Install the Upper bearing cup.
- 3 Install the components that follow on the steering tube:

the Brake cable hangar

the Dust seal

the Conical expansion washer

4 Install the stem (refer to S1000DBIKE-AAA-DA2-10-00-00AA-720A-A).



Requirements after job completion

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Spacer

Install procedures

Table of	f contents	Page
F F	Install procedures References Preliminary requirements Procedure Requirements after job completion	
List of t	ables	
3 2 5	1 References 2 Required conditions 3 Required persons 4 Support equipment 5 Consumables, materials and expendables 6 Spares 7 Required conditions	
	References	
	Table 1 References	
Data modu	ule / Technical publication Title	
S1000DBI	KE-AAA-D00-00-01-00AA-930A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and Mountain storm Mk1

S1000DBIKE-AAA-DA2-40-00-00AA-720A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Fork set	MFR: KZ666 /PN: SPA-1000-1	1 EA	Material set
- Spacer	MFR: KZ666 /PN: SPC-200-12	1 EA	

Safety conditions

None

Procedure

1 **Note 1**

It is necessary to install the headset before installing any spacer

2 Install the spacer (Spacer)

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	



Frame

Description of how it is made

Table of contents			Page	
	Refe	rences ription		1 1
List o	f tabl	es		
	1	References		1
List o	f figu	res		
	1 2	Welded frame joints Frame		
			References	
			Table 1 References	
Data mo	odule /	Technical publication	Title	
None				

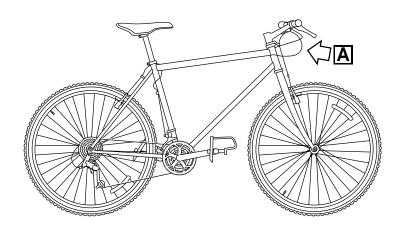
Description

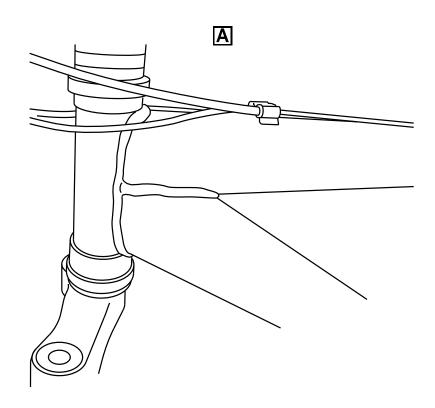
1 The bicycle frame

The frame is the skeleton, the primary part of your bicycle. Its structure makes the bicycle resistant to large forces.

The initial frames (refer to Fig 1) were tubes of aluminum or steel welded together.





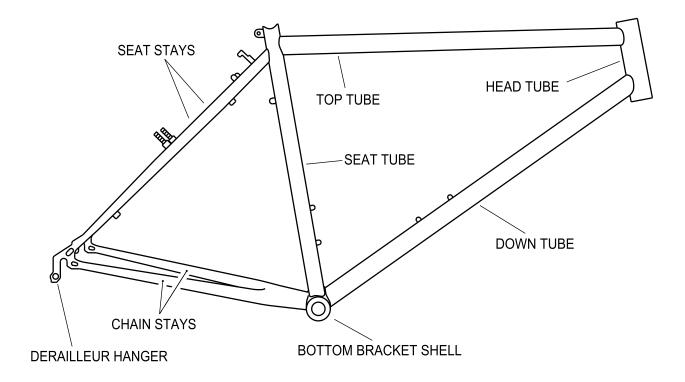


ICN-C0419-S1000D0394-001-01

Fig 1 Welded frame joints



Subsequent frames (refer to Fig 2) can be made out of a wide variety of materials, including aluminium, titanium, or chrome moly.



ICN-C0419-S1000D0393-001-01

Fig 2 Frame

Other Frames are different and can also be of different materials (for example, titanium or chrome moly). Some bicycle frames are of carbon fiber. To get this material, it is necessary to put sheets of carbon fiber cloth on foam forms and epoxy them in position. This procedure gives a very light, strong structure that can have different shapes.

The frame includes the parts that follow:

- the top tube (the higher bar of the bicycle frame)
- the down tube (the section of the frame that extends from the stem to the bottom bracket)
- the head tube (the part of the frame that the fork steerer tube goes through)
- the seat tube (the vertical part of the frame that is the rear of the front triangle and that is between the bottom bracket and the top tube)
- the seat stay (the tube that includes the distance between the seat tube and the rear dropouts)
- the chain stay (the tube that is the bottom part of the rear triangle)





Horn

Isolated fault

Fault codes

Fault code F	ault description	
NYCJD03	lorn failed	
Table of contents		Page
References		1
List of tables		
1 Referenc	es	1
	References	
	Table 1 References	
Data module / Technical po	ublication Title	
None		

Fault reporting

Fault code

NYCJD03

Fault description

Horn failed

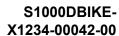
Locate and repair

1 Locate and repair LRU

Line replaceable unit

Nomenclature	Identification	
Horn	MFR: KZ444/PN: Horn-001	







Repair procedures: S1000DBIKE-AAA-DA3-10-00-00AA-921A-A



Horn

Remove and install a new item

Table of con	tents		Page
Referen Prelimir Procedu Require	nces nary requirementsure nements after job completion		1 1
List of tables	5		
1 2 3 4 5 6 7	Required conditions	expendables	
	R	eferences	
	Tabl	e 1 References	
Data module / Te	chnical publication	Title	
		Local Disposal Procedures	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
As required				

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA3-10-00-00AA-921A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	
8mm Allen wrench	MFR: KZ666 /PN: BSK-TLST-001-08	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
Horn	MFR: KZ444 /PN: Horn-001	1 EA	

Safety conditions

None

Procedure

- 1 Safely hold the bicycle.
- 2 Remove the horn.
- 2.1 Use the 8mm Allen wrench from the Specialist toolset and remove the two Allen screws.
- 2.2 Remove the horn.
- 3 Install the new Horn.
- 3.1 Install the new Horn on the handlebars.
- 3.2 Use the 8mm Allen wrench from the Specialist toolset and tighten the two Allen screws.



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
Safely discard the horn that you removed	Local Disposal Procedures





Drivetrain

Description of how it is made

	f contents		Page
	Description of how it is made References		1
	1 Drive train		1
List of	tables		
	1 References		1
		References	
		Table 1 References	
Data mod	ule / Technical publication	Title	
None			

Description

1 **Drive train**

The drive train is the group of components that are necessary for the operation of the bicycle. The drive train is the primary system for the movement of the bicycle. A typical drive train has the chain wheels, the chain, the pedals and the saddle.

Since the drive train has many components, it is necessary to do a regular maintenance. The drive train maintenance is easy and the users can disassemble and assemble each part of the drive train. Because of this, when one part is defective, it is possible to remove and replace it with a new one.





Chain

Oil

Table (of co	ontents	Page
	Refe Preli Proc	rences minary requirementsedure	
List of	tab	es	
	1	References	1
	2		1
	3	Required persons	2
	4	Support equipment	2
	5	Consumables, materials and expendable	s2
	6	Spares	2
	7		10
List of	figu	ires	
	1	Derailleur pivots	
	2	•	
	3		
	4		5
		Reference	s
		Table 1 Referen	ces
Data mo	dule /	Technical publication Title	
None			

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
The bicycle chain is clean and dry	

Applicable to: All

S1000DBIKE-AAA-DA4-10-00-00AA-241A-A



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Operator	Intermediate	Bike rider	0,5 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Clean dry cloth	MFR: KZ666 /PN: BSK-TLST-001-12	1 EA	
Floor covering	MFR: KK999 /PN: PPP-001	1 pack	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
ACME sticky lube 52B	MFR: KZ222 /PN: LL-007	1 dl	
Applicable to: Dry conditions			
AECMA Heavy duty Oil 1988	MFR: B6865 /PN: HD1988	1 dl	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

WARNING

Wet lube is a very dangerous substance. Do not get it onto your skin. Use it in a well ventilated area. If you swallow it seek immediate medical advice. If it gets into your eyes wash your eyes in clean water and seek medical advice.

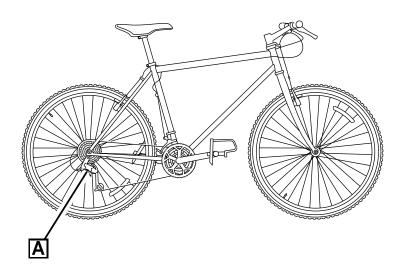
WARNING

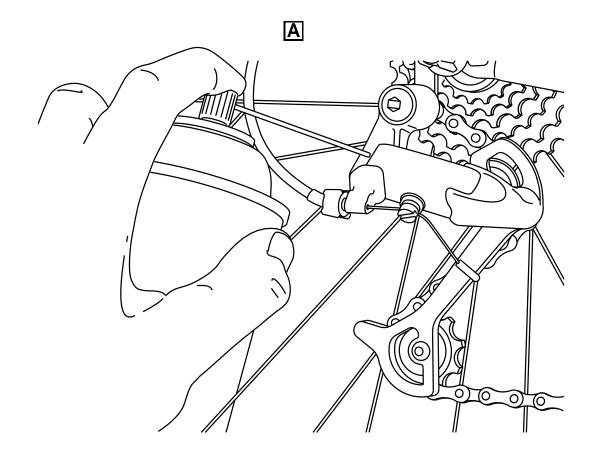
Dry lube is a very dangerous substance. Do not get it onto your skin. Use it in a well ventilated area. If you swallow it seek immediate medical advice. If it gets into your eyes wash your eyes in clean water and seek medical advice.

Procedure

- 1 Apply the penetrating lubricant into all the parts of the bike that move
- 1.1 Apply Wet lube to:
 - derailleur pivots (refer to Fig 1)
 - derailleur tension (refer to Fig 2)

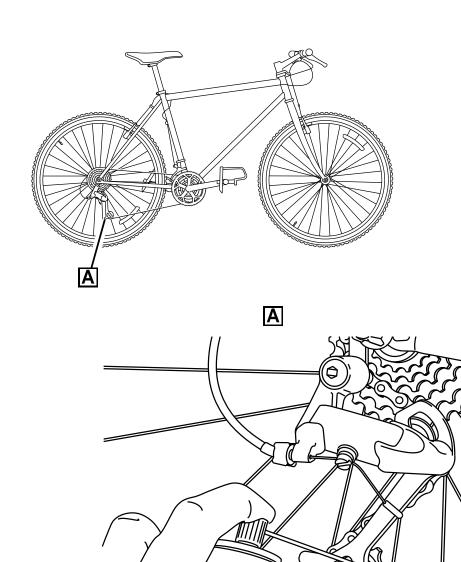






ICN-C0419-S1000D0398-001-01

Fig 1 Derailleur pivots





ICN-C0419-S1000D0399-001-01

Fig 2 Derailleur tension

0,0

00

Produced by Docuneering Ltd.

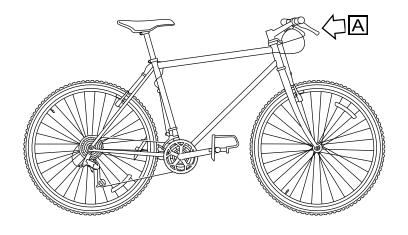


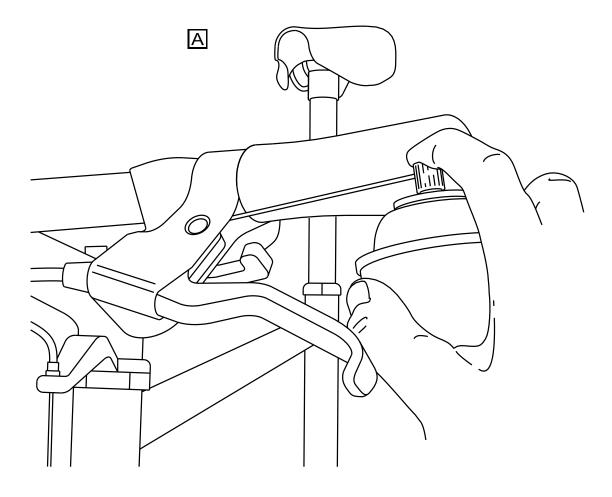
1.2 Apply Wet lube to:

- brake lever pivots (refer to Fig 3)

These brake lever pivots include:

- derailleur pivots
- derailleur tension
- guide wheels
- brake lever pivots
- control cables and where they go into their casings





ICN-C0419-S1000D0383-001-01

Fig 3 Brake lever pivots

Produced by Docuneering Ltd.



2 Lubricate the chain

- 2.1 Make sure the chain is clean and dry.
- 2.2 Put the Floor covering on the floor below the chain.

Applicable to: Dry conditions

2.3 Apply the AECMA Heavy duty Oil 1988 to each roller of the chain (refer to Fig 4) but only apply

a small quantity.

Applicable to: Wet conditions

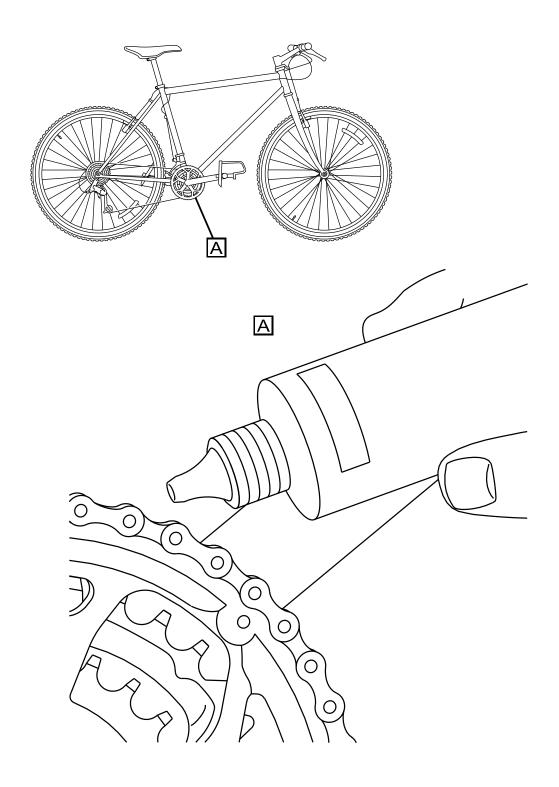
- 2.3 Apply the ACME sticky lube 52B to each roller of the chain (refer to Fig 4) but only apply a small quantity.
- 2.4 Hold the nozzle of the container above the front of the chain ring and slowly turn the cranks rearwards.

2.5

CAUTION

Do not get lubrication oil into the brake system. Oil in the break system can affect the efficiency of the bake system. Do not get oil onto the floor where it can easily get transferred onto the brake system.

Let the lubricant soak into chain before you clean the unwanted lubricant from the chain.



ICN-C0419-S1000D0395-001-01

Fig 4 Lubricate the chain



3 Check lubricated parts

- 3.1 Do a check of the rear wheel rim and clean the unwanted lubricant if necessary.
- 3.2 Do a check of the chain to make sure that each link is lubricated. If there are links that do not move easily or have become frozen, lubricate the chain again (refer to Step 2).
- 3.3 Do a check of the remaining lubricated parts and clean the unwanted lubricant with a Clean dry

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication	
None		



Chain

Clean with chain cleaning fluid

iabie	or conte	nts	Page
	Reference Prelimina	n chain cleaning fluid esy requirements	1 1
		ents after job completion	
List o	f tables		
	2 F 3 S 4 C 5 S	eferences equired conditions upport equipment consumables, materials and expendables pares equired conditions	1 1 2
		References	
		Table 1 References	
Data m	odule / Tech	nical publication Title	
S1000D	BIKE-AAA-I	000-00-00-00AA-121A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication	
None		

Support equipment

Produced by Docuneering Ltd.

Table 3 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Stiff bristle brush	MFR: KZ666 /PN: BSK-TLST-001-02	1 EA	
Chain cleaning fluid	MFR: KZ222 /PN: LL-003	As required	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DBIKE-AAA-DA4-10-00-00AA-251B-A

Remark



Manufacturer / Part No.	Quantity
Table 3 Support equipr	ment (Continued)

Quantity

MFR: KZ666 /PN: BSK-TLST-001-03 Chain cleaning tool 1 EA

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Floor covering	MFR: KK999 /PN: PPP-001	1 pack	
General lubricant	MFR: KZ222 /PN: LL-001	As required	

Spares

Name

Table 5 Spares

Name	Manufacturer / Part No.	Quantity	Remark	
None				

Safety conditions

None

Procedure

- 1 Inspect the chain.
 - Do the inspection of the chain as given in the pre-ride checks (refer to S1000DBIKE-AAA-D00-00-00-00AA-121A-A).
- 2 Prepare the cleaning area.
- 2.1 Put the Floor covering on a satisfactory floor area.
- 2.2 Put the bicycle on the floor covering.
- 3 Clean debris from the chain.
- 3.1 Use the Stiff bristle brush and loosen as much unwanted material as possible.
- 3.2 Make sure that you remove all the unwanted material from the chain.
- 4 Clean the chain.
- 4.1 Open the Chain cleaning tool and fill with the Chain cleaning fluid.
- 4.2 Move the chain to the middle chainring and the middle sprocket at the rear.
- 4.3 Put the chain in the chain guides of the chain cleaning tool and lock the tool on the chain.



4.4	Hold the tool with the left hand and slowly turn the rearwards with the right hand.
4.5	Press the button on the cleaning tool to make sure that cleaning fluid flows until the tool is empty.
4.6	If necessary, remove the unwanted chain cleaning fluid.
5	Lubricate the chain.
5.1	Use the General lubricant and lubricate the chain.
5.2	Unlock and remove the cleaning tool.
5.3	If necessary, remove the unwanted lubricant.

Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication
Move the bicycle to its storage area and remove the floor covering.	





Drive train

Correlated fault

Table of contents		Page
References		1 1 1
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Fault reporting

Messages and warnings

Built-in test messages

1 Fault code: 100FC01

Fault description

The pedal mechanism is jammed

2 Fault code: 200FC01

Fault description

The derailleur is jammed

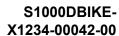
Isolate detected fault

1 Fault isolation test – LRU

Line replaceable unit

Nomenclature	Identification
Bicycle chain	MFR: KZ120/PN: Tchain-120







Remarks

Prepare the derailleur to put transmission chain back on pedal mechanism.



Gears

Description of how it is made

Table of contents		Page
References Description		
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
S1000DBIKE-AAA-DA5-10-00-00AA-041A-	4	
S1000DBIKE-AAA-DA5-30-00-00AA-041A-	A	

Description

1 Gears

The gears include the mechanism, the hubs and the shifters.

The description of the mechanisms is given in S1000DBIKE-AAA-DA5-10-00-00AA-041A-A

The description of the shifters is given in S1000DBIKE-AAA-DA5-30-00-00AA-041A-A

The bicycles of these days can have 27 gears or more. The mountain bikes use a set that includes:

- Three socket sprockets of different dimension on the front
- Nine socket sprockets of different dimensions at the rear

This set gives the gear ratios.

The shifters installed on the handlebars change the gears and operate the mechanisms (also known as derailleurs). These derailleurs are cable-actuated mechanisms. They move the chain from the different sprockets.

The hub is the center of the wheel and contains the axle and bearings.

The gears let the rider crank at the pedals at a constant movement on slopes of different angles.





Mechs

Description of how it is made

Table	of co	ntents		Page
	Desc	ription of how it is made		1
	Refe	rences		1
	Desc			
	1			
	1.1			
	1.2	Rear derailleur		3
List of	tabl	es		
	1	References		1
List of	i figu	res		
	1	Front derailleur		2
	2			
			References	
			Table 1 References	
Data mo	dule /	Technical publication	Title	
None				

Description

1 Derailleur

There are two different types of derailleur, the front and the rear.

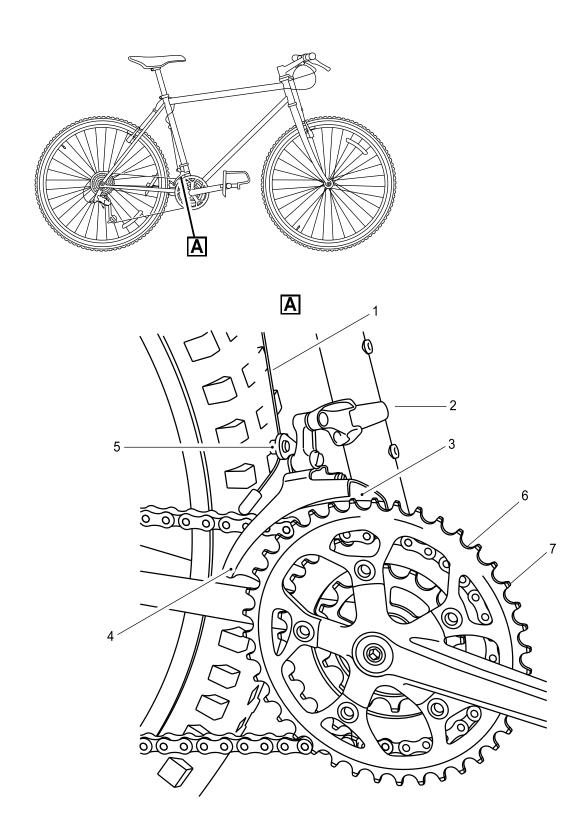
1.1 Front derailleur

The front derailleur (refer to Fig 1) contains two types of screws to keep the movement of the derailleur to a minimum. These screws are:

the stop screw low-gear the stop screw high-gear

The function of these screws is to prevent the rider from over shifting . If this occurs, the chain will go out of the chain wheel.





ICN-C0419-S1000D0396-001-01

Fig 1 Front derailleur



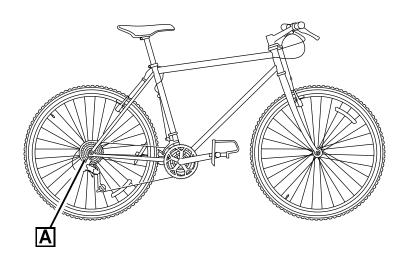
The derailleur is installed on the bicycle seat tube with a clamp and is parallel to the three front sprockets.

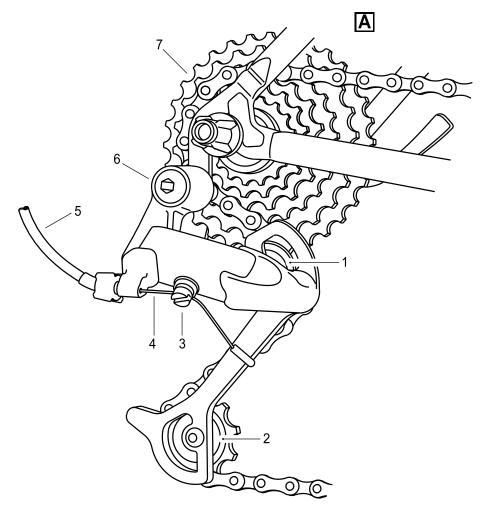
The shift cable is connected between the shifters on the handle bars and the cable clamp bolt on the front derailleur. This operates the derailleur. On the sprockets there is an inner and outer cage. The clamp attaches the cage.

1.2 Rear derailleur

The rear derailleur (refer to Fig 2) section contains the sprockets for the different gear changes. When the cable clamp bolt is tight, it holds the shift cable in its position. A screwed bolt holds the tension wheel.







ICN-C0419-S1000D0397-001-01

Fig 2 Rear derailleur





The derailleur mounting bolt connects the derailleur to the frame. When the user attaches this bolt, this makes sure that the cage plates are parallel with the chain rings.

The guide wheel has the function to move the chain with the derailleur. It moves the chain from one sprocket to the other. The guide wheel must not move on its axis. If this occurs, there will be wear on the wheel. The position of the guide wheel is below the largest sprocket.





Hubs

Clean with degreasing agent

Table	of co	ontents	Page
	Refe Preli Proc	n with degreasing agenterencesminary requirementsedure	1 1 2
List of	f tabl	les	
	1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	
List of	ffigu	ıres	
	1	Removing the axle	4
		References	
		Table 1 References	
Data mo	dule /	Technical publication Title	
S1000DI	BIKE-A	AAA-DA0-20-00-00AA-520A-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
Rear wheel removed	S1000DBIKE-AAA-DA0-20-00-00AA-520A-A



Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man B	Supervisor	Advanced	Bicycle mechanic	0,8 h
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Degreasing agent	MFR: KZ222 /PN: LL-004	As required	
General grease	MFR: KZ222 /PN: LL-005	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 Remove the axle.
- 1.1 Use the cone-wrench from the Specialist toolset and remove the locknut from one side of the
- 1.2 Remove the washer and the cone from the axle.

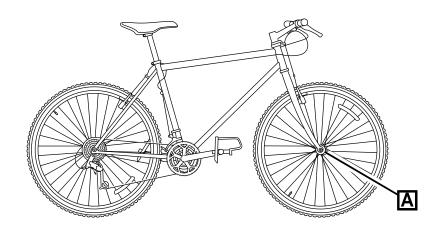
1.3

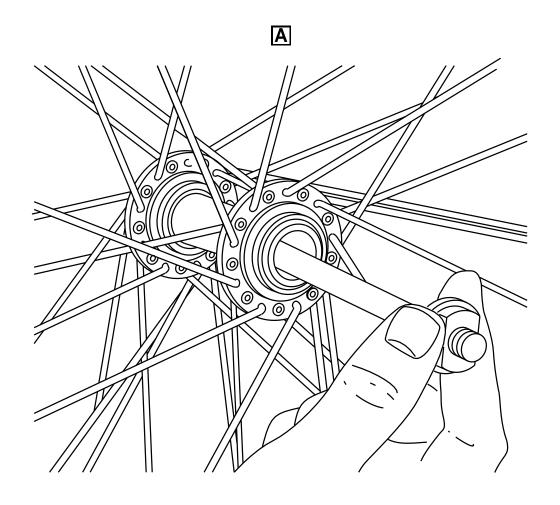
CAUTION

Make sure you do not lose the bearings from the hub. Be prepared to catch the bearings if they fall out. Missing bearings can cause damage to the hub.

Pull the axle out from the other side as shown in Fig 1.







ICN-C0419-S1000D0401-001-01

Fig 1 Removing the axle



2	Remove the bearings.
2.1	Use a small screwdriver from the Specialist toolset and remove the bearings from their races.
2.2	Make sure that each side of the hub has the same number of bearings.
2.3	Use the Degreasing agent and clean all the parts of the hub.
2.4	Do a check of the axle to make sure that it is straight.
2.5	Examine the bearing contact area on the cones and the races in the hub for pitting and other signs of damage.
2.6	Do a check of the ball bearings for signs of damage.
2.7	Apply a large quantity of General grease on each hub race.
3	Assemble the hub.
3.1	Install the ball bearings into the races and push them into the grease.
3.2	Apply more grease on the tops of the bearings.
3.3	Install the axle through the hub.
3.4	Install the cone, the washer and the locknut on the other side of the axle.
3.5	Use the cone-wrench from the specialist toolset and carefully tighten the locknut.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Shifters

Description of how it is made

Table	of co	ontents	Page
	Refe	cription of how it is madeerencescriptionShiftersHow a thumb shifter is made up	1 1 1
List o	f tab	les	
	1	References	1
List o	f figu	ures	
	1 2 3 4	Thumb shifter index type Unscrew wingnut Loosen the nut Loosen the shifter clamp bolt	
		References	
		Table 1 References	
Data m	odule /	/ Technical publication Title	
None			

Description

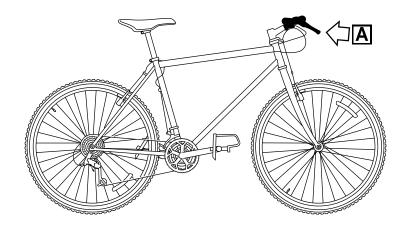
1 Shifters

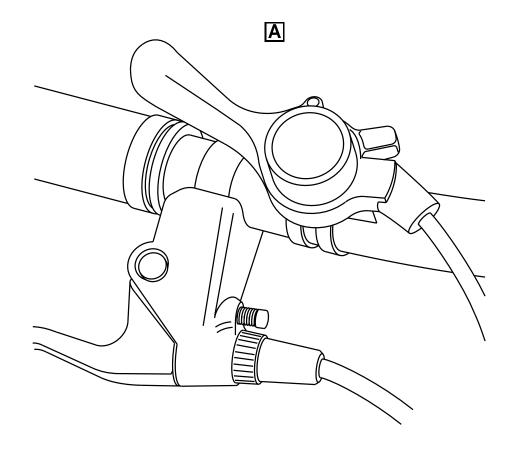
The thumb shifter is a usual type in modern bicycles. It is possible to adjust this type of shifter for operation in the index position or in the friction position. The differences between the two are:

- The index shifters change the gears with a click of a lever.
- The friction shifters hold the derailleur in its position by friction.

The thumb shifters (refer to Fig 1) are held on the bicycle with a screw. The paragraph that follows gives a description of a thumb shifter.







ICN-C0419-S1000D0405-001-01

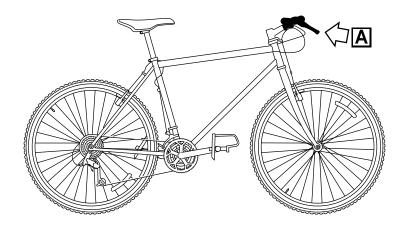
Fig 1 Thumb shifter index type

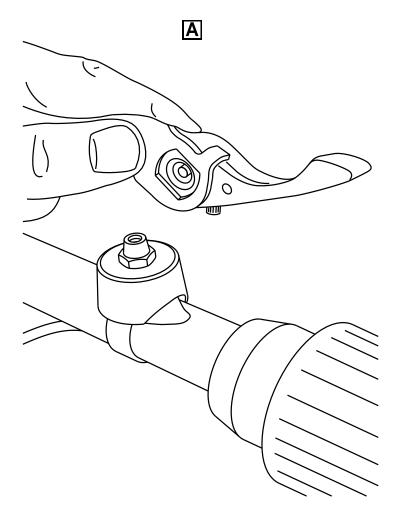


2 How a thumb shifter is made up

A wing nut (refer to Fig 2) from the top of the lever holds the thumb shifter. The lever is on top of the mount and the mount is on the handle bar with a nut. To remove the mount, it is necessary to loosen the nut of two turns (refer to Fig 3), then the mount can move from the handle bar from the top of the lever. The lever sits on top of the mount and the mount is fixed into pace on the handle bar by a nut.

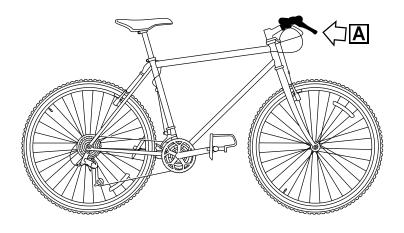


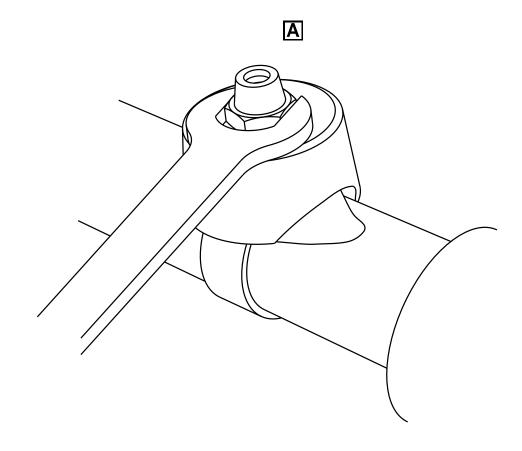




ICN-C0419-S1000D0402-001-01

Fig 2 Unscrew wingnut





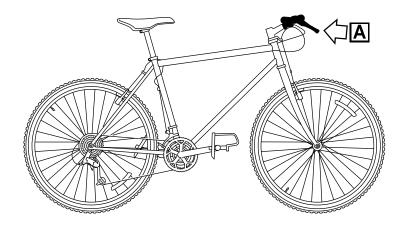
ICN-C0419-S1000D0403-001-01

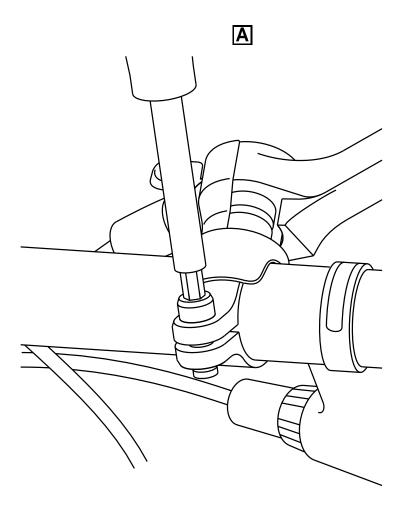
Fig 3 Loosen the nut

Produced by Docuneering Ltd.



On modern models of this shifter, there is a clamp bolt that holds the shifter in its position (refer to Fig 4). The user can loosen the clamp bolt with an applicable tool. This lets the shifter release the handlebar.





ICN-C0419-S1000D0404-001-01

Fig 4 Loosen the shifter clamp bolt





Section 2

Brakes





Applicability cross-reference table

Table 2 Product attribute list

Name	Description	Data type	Values	
Display name (Id)	Value pattern		Value pattern	
Brake serial number	Serial number by brake	String		
B/SN (SerialNo)				
Model	The model of the brake	String	BR01 BR02	
(model)			SS-11	





Brake system

Description of how it is made

lable	ot co	ontents	Page
		ription of how it is maderences	
		ription	
	1	Brake system	
	1.1	Cantilever brake	1
	1.2	Brake pads	4
	1.3	Brake lever	6
List of	f table	es	
	1	References	1
List of	f figu	res	
	1	Cantilever brake with straddle cable	3
	2	Exploded diagram of a brake	
	3	Typical components of a mountain bicycle lever	
		References	
		Table 1 References	
Data mo	odule /	Technical publication Title	
None			

Description

1 Brake system

The most important part of the bicycle is the brake system. Only a minimum maintenance of the brake system is necessary. But, when a problem does occur, make sure you to do the necessary maintenance as quickly as possible. If you do not do this the bicycle will be dangerous to use.

There are nine different types of brake systems. The one found on most bicycles is the cantilever brake (refer to Para 1.1).

1.1 Cantilever brake

Produced by Docuneering Ltd.

The brake system (refer to Fig 1) has these primary components:

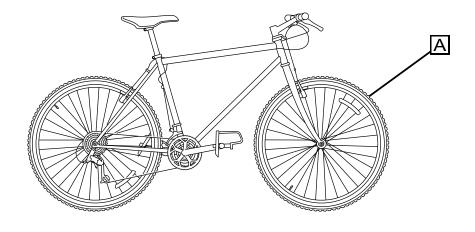
the brake lever (refer to Para 1.3)

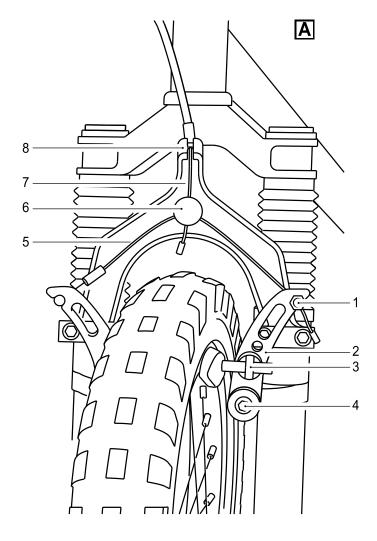
Applicable to: SerialNo: 0001~0008 and model: BR01



the brake cable the brake arm the brake clamp (also known as callipers) the brake pads (refer to Para 1.2)

Applicable to: SerialNo: 0001~0008 and model: BR01





ICN-C0419-S1000D0379-001-01

Fig 1 Cantilever brake with straddle cable

Produced by Docuneering Ltd.

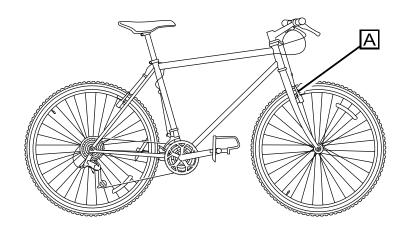


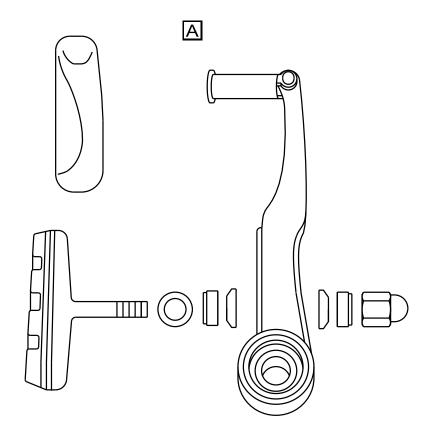
A cable that goes from the brake levers on the handlebars pulls the two levers on the brakes together. This presses the brake pads against the outer rim of the wheel, which decreases the speed of the bicycle.

1.2 Brake pads

There are four brake pads (refer to Fig 2) on the bicycle. Two are found on the front wheel and two on the rear wheel. The brake pads are made out of hard wearing rubber. The pads press against the rim of the wheel to cause friction when the you operate the brake levers.

Applicable to: SerialNo: 0001~0008 and model: BR01





ICN-C0419-S1000D0380-001-01

Fig 2 Exploded diagram of a brake

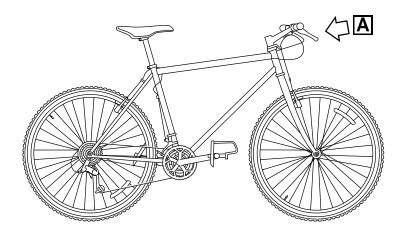
Produced by Docuneering Ltd.

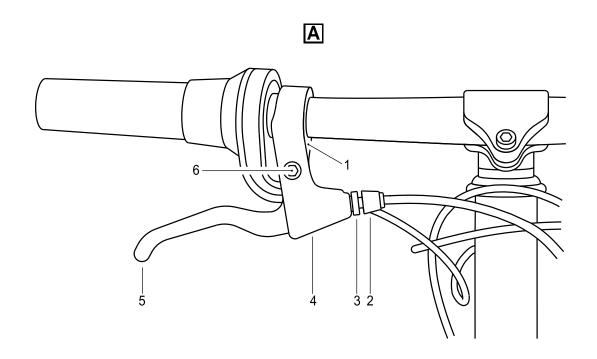


1.3 Brake lever

The brake levers (refer to Fig 3) are easily damaged. The lever is installed in the mount. A clamp bolt holds the mount. This bolt is not visible because it is found in the mount. The lever turns on a lever pivot bolt. The adjuster lock nut holds the brake cable. This lock nut adjusts the tension of the cable.

Applicable to: SerialNo: 0001~0008 and model: BR01

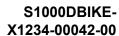




ICN-C0419-S1000D0381-001-01

Fig 3 Typical components of a mountain bicycle lever







The left brake lever holds the brake pads on the front wheel and the right brake pads hold the brakes on the rear wheel.



Brake system

Manual test

Table of c	contents	Page
Ref Prel Pro	nual testferences	1 1 2
List of tab	oles	
1 2 3 4 5 6 7	References Required conditions Required persons Support equipment Consumables, materials and expendables Spares Required conditions	1 2 2
	References	
	Table 1 References	
Data module	/ Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Applicable to: SerialNo: 0111

and model: SS-11

BRAKE-AAA-DA1-00-00-00AA-341A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Put the bicycle in a vertical position.
- 2 Hold the handle bars and push the bicycle forwards.
- 3 Apply the brakes.
- 4 Make sure that the wheels lock and the bicycle stops.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	

Applicable to: SerialNo: 0111

and model: SS-11

BRAKE-AAA-DA1-00-00-00AA-341A-A



Brake pads

Clean with rubbing alcohol

Table	of contents	Page
	References Preliminary requirements . Procedure	
List of	tables	
	1 References	1
		ns1
	4 Support equipme	t2
	5 Consumables, ma	terials and expendables2
		2
	7 Required condition	ns3
		References
		Table 1 References
Data mo	odule / Technical publication	n Title
S1000DI	RIKE-AAA-D00-00-00-00AA	121Δ-Δ

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Applicable to: SerialNo: 0010| 0023|0056~0062 and model: BR02

BRAKE-AAA-DA1-10-00-00AA-251A-A

Produced by Docuneering Ltd.



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Rubbing alcohol	MFR: KZ222 /PN: LL-002	As required	

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions

None

Procedure

- Do a visual inspection of the brakes as given in the pre-ride checks (refer to \$1000DBIKE-AAA-D00-00-00-00AA-121A-A).
- 2 Clean the brake pads.
- 2.1 Find each of the brake pads.
- 2.2 Apply a thin layer of the Rubbing alcohol on each of the brake pads.
- 2.3 Rub the surface until you have applied the Rubbing alcohol to the complete surface of the pad.
- 2.4 Remove the unwanted alcohol.



Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	





Section 3

Electrical Lighting System





Lighting

Functional item numbers common information repository

Table of contents
Functional item numbers common information repository
List of tables
1 References
References
Table 1 References
Data module / Technical publication Title
None

Functional items repository

1 Batt (ELO-Box)

Functional item identifier:	.Batt
Type:	Exact
Installation identifier:	. ELO-Box
Context identification:	.PN-AC-12561
Manufactorer code:	.F0001
Originator:	Manufacturer
Name:	.Battery

Alternatives:

Applicable to: Mountain storm Mk1

Functional item

Normative component:......Yes

Location:.....Section: 21 cm

2 C_Batt (ELO-Box)

Functional item identifier:	C_Batt
Type:	. Exact
Installation identifier:	ELO-Box
Context identification:	PN-AC-12561

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	Manufactorer ander	F0004
	Manufactorer code:	
	Originator:	
	Name: Alternatives:	Connector
	7.1101.1101.1	
	Applicable to: Mountain storm Mk1	
	- Functional item	V
	Sealed:	
	Location:	300
3	C_Bike (ELO-Box)	
	Functional item identifier:	
	Туре:	Exact
	Installation identifier:	ELO-Box
	Name:	Receptacle
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	 Functional item 	
	Normative component:	Yes
	Location:	instloctyp60: 60 cm
4	Diode (d1)	
	Functional item identifier:	Diode
	Type:	
	Installation identifier:	
	Name:	Diode
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	Functional item	
	Normative component:	Yes
	Location:	100
5	Diode (d2)	
•	• •	
	Functional item identifier:	
	Type:	
	Installation identifier:	
	Name:	Diode
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	 Functional item 	
	Normative component:	
	Location:	300



6	ELO-Box	
	Functional item identifier:	ELO-Box
	Type:	
	Name:	
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	Functional item	
	Normative component:	Yes
	Location:	instloctyp60: 45 cm
	Family:	Electronic Unit
7	FT1 (ELO-Box)	
	Functional item identifier:	FT1
	Type:	Exact
	Installation identifier:	
	Name:	GT-002-WD
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	- Functional item	
	Normative component:	Yes
	Location:	
8	FT2 (ELO-Box)	
	Functional item identifier:	FT2
	Туре:	Exact
	Installation identifier:	ELO-Box
	Name:	GT-004-WD
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	 Functional item 	
	Normative component:	Yes
	Location:	instloctyp60: 10 cm
9	FT3 (ELO-Box)	
	Functional item identifier:	FT3
	Type:	Exact
	Installation identifier:	ELO-Box
	Name:	GT-004-WD
	Alternatives:	
	Applicable to: Mountain storm Mk1	
	- Functional item	



	Normative component:	Yes	
	Location:	instloctyp60: 10 cm	
10	Gen		
	Functional item identifier:	Gen	
	Туре:	Exact	
	Name:	Generator	
	Alternatives:		
	Applicable to: Mountain storm Mk1		
	 Functional item 		
	Normative component:		
	Location:	200	
11	L1		
	Functional item identifier:	L1	
	Type:	Exact	
	Name:	Front light	
	Alternatives:		
	Applicable to: Mountain storm Mk1		
	 Functional item 		
	Normative component:	Yes	
	Location:	Buttock line: 55 cm	
	Family:	lights	
12	L2		
	Functional item identifier:	L2	
	Type:	Exact	
	Name:	Rear light	
	Alternatives:		
	Applicable to: Mountain storm Mk1		
	 Functional item 		
	Normative component:	Yes	
	Location:	······ Buttock line: 30 cm	
	Family:	lights	
13	Rel (ELO-BOX)		
	Functional item identifier:	Rel	
	Type:		
	Installation identifier:		
	Name:	Relay	
		•	



-							
Α	lte	rn	at	Iν	e	s	•

Applicable to: Mountain storm Mk1

Functional item

Normative component:.....Yes

Location: instloctyp60: 95 cm

14 S1 (ELO-Box)

Functional item identifier:.....S1 Type: Exact Installation identifier: ELO-Box Name: Switch

Alternatives:

Applicable to: Mountain storm Mk1

Functional item

Normative component:.....Yes

Location: Water line: 30 cm

15 Sensor

Functional item identifier:.....Sensor Type: Exact

Alternatives:

Applicable to: Mountain storm Mk1

Functional item

Normative component:.....Yes

Location: Water line: 2 cm

16 **T01**

Functional item identifier:.....T01 Type: Exact

Alternatives:

Applicable to: Mountain storm Mk1

Functional item

Normative component:.....Yes

Location: Water line: 6 cm

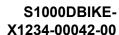
17 VV1 (ELO-Box)

Functional ite	em identifier:	.VV1
Туре:		Exact
Installation id	dentifier:	. ELO-Box

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)







Name: Distribution module

Alternatives:

Applicable to: Mountain storm Mk1

Functional item

Normative component:.....Yes

Location: instloctyp60: 25 cm



Lighting

Parts common information repository

Table of contents
Parts common information repository References Parts repository
_ist of tables
1 References
References
Table 1 References
Data module / Technical publication Title
None

Parts repository

1 LIRUS-B1-12F

Part number:	LIRUS-B1-12F
Manufactorer code:	KZ777
Description for part:	Front Bulb
Procurement data:	F0001
Technical data	

Part usage:..... Basic issue item

2 LIRUS-B1-12R

Part number:	LIRUS-B1-12R
Manufactorer code:	.KZ777
Description for part:	Rear Bulb
Procurement data:	F0001

Technical data

Part usage:..... Basic issue item



3 L	.IRUS-G1-10
-----	-------------

Part number: LIRUS-G1-10

Manufactorer code: KZ777

Description for part: Glass

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

4 LIRUS-G1-10H

Part number: LIRUS-G1-10H

Manufactorer code: KZ777

Description for part: Glass with hole

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

5 LIRUS-L1-10

Part number: LIRUS-L1-10

Manufactorer code: KZ777

Description for part: Battery

Procurement data: F0001

Technical data

6 LIRUS-L1-11

Part number: LIRUS-L1-11

Manufactorer code: KZ777

Description for part: Bulb

Procurement data: F0001

Technical data



Part number: LIRUs-L1-11

Manufactorer code: KZ111

Description for part: Bulb

Procurement data: F0001

Technical data

Part usage: Basic issue item

Special storage:.....Yes

8 LRU-B001

Part number: LRU-B001

Manufactorer code: KZ777

Description for part:...... Bracket, light mounting

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....No

9 LRU-B003

Part number: LRU-B003

Manufactorer code: KZ777

Description for part: Clip

Procurement data: F0001

Technical data

Part usage: Basic issue item

Special storage:.....No

10 LRU-B124

Part number: LRU-B124

Manufactorer code: KZ777

Description for part: Screw,special

Technical data

Part usage: Basic issue item

Special storage:.....No

Procurement data: F0001



1	1	I RI	П_	B556

Part number: LRU-B556

Manufactorer code: KZ777

Description for part: Washer,flat

Procurement data: F0001

Technical data

Part usage: Basic issue item

Special storage:.....No

12 LRU-B789

Part number: LRU-B789

Manufactorer code: KZ777

Description for part: Grip,strip

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....No

13 LRU1001

Part number: LRU1001

Manufactorer code: KZ777

Description for part: Light system

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....Yes

14 LRU1010

Part number: LRU1010

Manufactorer code: KZ777

Description for part:.....Light, sub-assembly front

Procurement data: F0001

Technical data

Special storage:.....Yes



15 L	.RU	10	11
------	-----	----	----

Part number: LRU1011

Manufactorer code: KZ777

Description for part:.....Light, main body

Procurement data:.....F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....No

16 LRU1012

Part number: LRU1012

Manufactorer code: KZ777

Description for part: Light, base

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....No

17 LRU1013

Part number: LRU1013

Manufactorer code: KZ777

Description for part: Seal

Procurement data: F0001

Technical data

Part usage: Basic issue item

Special storage:.....No

18 LRU1018

Part number: LRU1018

Manufactorer code: KZ777

Description for part: Lens, assembly

Technical data

Part usage:......Basic issue item

Special storage:.....No

Procurement data: F0001



1	19	RI	11	101	19
	J	 	_	··	

Part number:.....LRU1019

Manufactorer code:.....KZ777

Description for part: Lens sub-assembly

Procurement data:.....F0001

Technical data

Part usage: Basic issue item

Special storage:.....No

20 LRU1020

Part number: LRU1020

Manufactorer code: KZ777

Description for part: Reflector

Procurement data: F0001

Technical data

Part usage:..... Basic issue item

Special storage:.....No

21 LRU1022

Part number: LRU1022

Manufactorer code: KZ777

Description for part: Seal

Procurement data: F0001

Technical data

Part usage: Basic issue item

Special storage:.....No

22 LRU1026

Part number: LRU1026

Manufactorer code: KZ777

Description for part: Loom wiring

Procurement data: F0001

Technical data

Special storage:.....No



23 LRU2010

Part number: LRU2010

Manufactorer code: KZ777

Description for part:.....Light, sub assembly rear

Procurement data:.....F0001

Technical data

Part usage:...... Basic issue item

24 LRU2018

Part number: LRU2018

Manufactorer code: KZ777

Description for part:.....Lens, assembly rear

Procurement data: F0001

Technical data

Part usage:...... Basic issue item





Lighting

Zones common information repository

Table of contents		Page
References		1 1 1
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Zones repository

1 100

Alternatives:

Applicable to: Brook trekker Mk9

Zone

Description: FRONT ZONE BEGINS BY FRONT TIRE. IT STARTS FROM LENGTH "0 cm" TO LENGTH

"50 cm"

2 110

Type:SubzoneZone number:110contains:100

Alternatives:

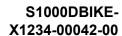
Applicable to: Brook trekker Mk9

Zone

Produced by Docuneering Ltd.

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)







Description: TIRE ZONE INCLUDING THE FRONT TIRE, THE INNER TUBE AND THE SPOKES 3 200 Type:..... Major zone Alternatives: Applicable to: Brook trekker Mk9 Zone Description: MIDDLE ZONE. IT STARTS FROM LENGTH "50 cm" TO LENGTH "100 cm" 300 4 Type:..... Major zone Zone number:...... 300 Alternatives: Applicable to: Mountain storm Mk1 Zone Description: BACK ZONE. IT STARTS FROM LENGTH "100

cm" TO LENGTH "150 cm"



Lighting

Support equipment common information repository

Table of contents	Page
Support equipment common information repository	1
List of tables	
1 References	1
References	
Table 1 References	
Data module / Technical publication Title	
None	

Tools repository

1 BSK-TLST-001

Tool number:	BSK-TLST-001
Manufactorer code:	.KZ666
Description for part:	Specialist toolset Descr
Short name:	Specialist toolset
Technical data	
Quantity:	.1
Alternatives:	
– Tool	
Description:	Specialist toolset Descr



2 BSK-TLST-001-01	2	BSK-	ΓLST-()01-01
-------------------	---	------	--------	--------

Tool number:.....BSK-TLST-001-01

Manufactorer code: KZ666

Description for part:..... Tire pressure gauge Descr

Short name:..... Tire pressure gauge

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Tire pressure gauge Descr

3 BSK-TLST-001-02

Tool number:.....BSK-TLST-001-02

Manufactorer code:.....KZ666

Description for part:..... Stiff bristle brus Descr

Short name: Stiff bristle brush

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Stiff bristle brush Descr

4 BSK-TLST-001-03

Tool number: BSK-TLST-001-03

Manufactorer code:.....KZ666

Short name:...... Chain cleaning tool

Technical data

Quantity:.....1

Alternatives:

Tool



5	BSK-TLST-001-04	
	Tool number:	.BSK-TLST-001-04
	Manufactorer code:	.KZ666
	Description for part:	. Tire lever Descr
	Short name:	. Tire lever
	Technical data	
	Quantity:	1
	Alternatives:	
	– Tool	
	Description:	. Tire lever Descr
6	BSK-TLST-001-05	
	Tool number:	. BSK-TLST-001-05
	Manufactorer code:	.KZ666
	Description for part:	. Foot pump Descr
	Short name:	. Foot pump
	Technical data	
	Quantity:	1
	Alternatives:	
	– Tool	
	Description:	. Foot pump Descr
7	BSK-TLST-001-07	
	Tool number:	.BSK-TLST-001-07
	Manufactorer code:	.KZ666
	Description for part:	. Marker pen Descr
	Short name:	. Marker pen
	Technical data	
	Quantity:	1
	Alternatives:	
	– Tool	
	Description:	. Marker pen Descr



0	DOV T	CTA	04 07
0	BSK-T	L3 I -U	U1-U1

Tool number:.....BSK-TLST-001-07

Manufactorer code:KZ666

Description for part:......Tube patch kit Descr

Short name:......Tube patch kit

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Tube patch kit Descr

9 BSK-TLST-001-08

Tool number: BSK-TLST-001-08

Manufactorer code:.....KZ666

Technical data

Quantity:.....1

Alternatives:

Tool

Description: 8mm Allen wrench Descr

10 BSK-TLST-001-09

Tool number: BSK-TLST-001-09

Manufactorer code:.....KZ666

Technical data

Quantity:.....1

Alternatives:

Tool

Description:......Water hose Descr



11 BSK-TLS	ST-001-11
------------	-----------

Tool number: BSK-TLST-001-11

Manufactorer code: KZ666

Short name:......Sponge

Technical data

Quantity:1

Alternatives:

Tool

Description: Sponge Descr

12 BSK-TLST-001-12

Tool number: BSK-TLST-001-12

Manufactorer code:.....KZ666

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Clean dry cloth Descr

13 BSK-TLST-001-13

Tool number: BSK-TLST-001-13

Manufactorer code:.....KZ666

Description for part:..... Set of Allen wrenches Descr

Short name: Set of Allen wrenches

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Set of Allen wrenches Descr



14	BSK-1	TI ST	-999.	-01
17	DO11-1		-333	-U I

Tool number:.....BSK-TLST-999-01

Manufactorer code: KZ666

Description for part:......Test stand Descr

Short name:..... Test stand

Technical data

Quantity:.....1

Alternatives:

– Tool

Description: Test stand Descr

15 HSP-D001

Tool number:.....HSP-D001

Manufactorer code:.....HS111

Description for part:..... Extra firm hold hairspray Descr

Short name: Extra firm hold hairspray

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Extra firm hold hairspray Descr

16 LL-003

Tool number:.....LL-003

Manufactorer code:.....KZ222

Description for part:..... Chain cleaning fluid Descr

Short name:...... Chain cleaning fluid

Technical data

Quantity:.....As required

Alternatives:

Tool

Description: Chain cleaning fluid Descr



17 **PPP-001**

Tool number: PPP-001 Manufactorer code: KK999

Description for part: Floor covering Descr

Short name: Floor covering

Technical data

Quantity:.....1

Alternatives:

Tool

Description: Floor covering Descr

18 Stand-001

Tool number: Stand-001 Manufactorer code: KZ666

Short name: Work stand

Technical data

Quantity:.....1

Alternatives:

Tool





Wiring data

Field description

This is a "wrngflds" Data Module

The Docuneering S1000D XSL-FO Stylesheets do not yet support the "wrngflds" Data Module





Electrical system

Description of how it is made and its function

Table	ot co	ntents		Page
	Refer	encesription	nd its function	1 1
List o	f tabl	es		
	1	References		1
List o	f figu	res		
	1	Lighting system		2
			References	
			Table 1 References	
Data m	odule /	Technical publication	Title	
None				

Description

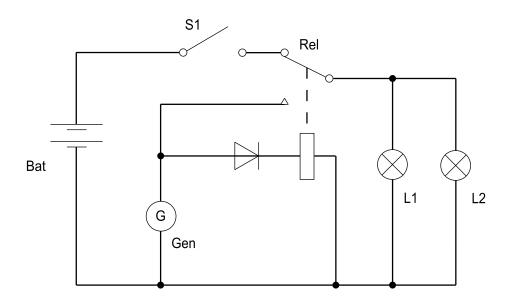
1 Lighting system

The illustration that follows (see Fig 1) shows the lighting system of the bicycle.

The lighting system is equipped with special high beam lighting. Do not use special high beam lighting when bicycling on roads during winter months.

The lighting system is faulty and will be replaced by 2013-03-15.





ICN-C0419-S1000D0392-001-01

Fig 1 Lighting system



Table of contents

Wiring

Equipment lists

Table of contents		Page
References		
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Wiring data

Ident	CLC	Qty	Information	Installation	Applicability
L1 PN: Front light	16		RPC: CAGE: U8025 Name: UK MoD	Locations: Handle bars	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
L2 PN: Rear light	16		RPC: CAGE: U8025 Name: UK MoD	Locations:Seat post	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Batt PN: Battery	16		RPC: CAGE: U8025 Name: UK MoD	Locations:FrameNHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Gen PN: Generator	16		RPC: CAGE: U8025 Name: UK MoD	Locations:Steering tube	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Rel PN: Relay	10		RPC: CAGE: U8025 Name: UK MoD	Locations:FrameNHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				
ldent	CLC	Qty	Information	Installation	Applicability
VV1 PN: Distribution module	07		Transverse link: - Contacts: - 1 + - 2 + - 3 + - 4 + - Contacts: - 1 2 3 4 - RPC: CAGE: U8025 Name: UK MoD	Locations: Frame NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
S1 PN: Switch	15		RPC: CAGE: U8025 Name: UK MoD	Locations:Handle barsNHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
C_Batt PN: Connector	3		RPC: CAGE: U8025 Name: UK MoD	 Locations: Frame Sibling plug id: FIN C_Bike NHA: FIN ELO-Box 	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
C_Bike PN: Receptacle	3		RPC: CAGE: U8025 Name: UK MoD	 Locations: Frame Sibling plug id: FIN C_Batt NHA: FIN ELO-Box 	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Diode PN: Diode	18	2	RPC: CAGE: U8025 Name: UK MoD	Install id: d1 Locations: Frame NHA: FIN ELO-Box Pos. on NHA: Mount position: LH Install id: d2 Locations: Frame NHA: FIN ELO-Box Pos. on NHA: Mount position: RH	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Sensor PN: Speed sensor	16		RPC: CAGE: U8025 Name: UK MoD	Locations:Steering tube	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
T01 PN: Tachometer	16		RPC: CAGE: U8025 Name: UK MoD	Locations:Handle bars	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				
ldent	CLC	Qty	Information	Installation	Applicability
ELO-Box PN: Electronic Box 01	13		Max mount. pos.: 5 RPC: CAGE: U8025 Name: UK MoD	Locations: Frame	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
FT1 PN: GT-002-WD	11		RPC: CAGE: U8025 Name: UK MoD	 Locations: Frame NHA: FIN ELO-Box Pos. on NHA: Mount position: P1 	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
FT2 PN: GT-004-WD	11		RPC: CAGE: U8025 Name: UK MoD	 Locations: Frame NHA: FIN ELO-Box Pos. on NHA: Mount position: P2 	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
FT3 PN: GT-004-WD	11		RPC: CAGE: U8025 Name: UK MoD	 Locations: Frame NHA: FIN ELO-Box Pos. on NHA: Mount position: P3 	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)





Wiring

Wire list

Table of contents		Page
References		
List of tables		
1 References		
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Wiring data

ldent	Connection		Information	Applicability
	From	То	_	
FL1AA	FIN: L1	FIN: VV1	Wire code:	Mountain bicycle
State: Active	Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	Contact: 1 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 03	Wire type: AP Wire guages: - 010 (proj) PN: W2201-K Harn. id: Lamp1 Wire seq. no.: 1 Circuit: 234 Section: 567 Twists: - Lamp1 Twisting type: 1 Length: 1000 Wire color: red U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 1	and (Mountain storm Mk1 or Brook trekker Mk9)



		(Continued)		
Ident	Connection		Information -	Applicability
	From	То		
FL2AA State: Active	FIN: L1 Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 01	FIN: VV1 Contact: 1 - Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 5 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) PN: 23-4567 Harn. id: Lamp1 Wire seq. no.: 2 Twists: - Lamp1 Twisting type: 1 Length: 1000 Wire color: blue U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
NC1VI State: Not active	FIN: VV1 Contact: 4 + Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 4 NA code: 03			Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
RL1AA State: Active	FIN: L2 Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	FIN: VV1 Contact: 2 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 03	Wire seq. no.: 1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



(Continued)				
ldent	Connection		Information	Applicability
	From	То		
RL2AA State: Active	FIN: L2 Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 01	FIN: VV1 Contact: 2 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 6 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Lamp2 Wire seq. no.: 2 Twists: - Lamp2 Twisting type: 1 Length: 1500 Wire color: blue U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
GE2AA State: Active	FIN: Gen Contact: GND Wire conn. code: Electrical potential: Contact order: 2 Potential conn. order: 1 NA code: 01 Group code: G1-	FIN: VV1 Contact: 3 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 7 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 2 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 2	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
BT2AA Context: PN-AC-12561 MFG: F0001 Origin: Manufacturer State: Active	FIN: Batt Contact: - Install direct: A Wire conn. code: Electrical potential: Contact order: 2 NA code: 01	FIN: C_Batt Contact: - Install direct: B Wire conn. code: Electrical potential: Contact order: 2 NA code: 02	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Batt_01 Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer Wire seq. no.: 2 Twists: - Batt Twisting type: 1 Length: 400 [critical] Wire color: black U8025 NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



		(Continued)		
Ident	Connection		Information	Applicability
	From	То		
GE1AA State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 1 NA code: 01 Group code: G1+	FIN: Rel Contact: 2 Function: Generator mode Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 2 Contact order: 102 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
GE3AA State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 2 NA code: 01 Group code: G2+	FIN: Diode Contact: A Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 3 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 3	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
GE3AB State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 3 NA code: 01 Group code: G2+	FIN: Diode Contact: A Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 3 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
BT1AA Context: PN-AC-12561 MFG: F0001 Origin: Manufacturer State: Active	FIN: Batt Contact: + Install direct: A Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	FIN: C_Batt Contact: + Install direct: B Wire conn. code: Electrical potential: Contact order: 1 NA code: 02	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Batt_01 Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer Wire seq. no.: 1 Twists: - Batt Twisting type: 1	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



	(Continued)				
ldent	Connection		Information _	Applicability	
	From	То			
			Length: 400 [critical] Wire color: red U8025 NHA: FIN ELO-Box		
BA1AA State: Active	FIN: C_Bike Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 02	FIN: S1 Contact: Batt Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 1200 U8025 Routing: Feed-throughs: FIN: FT1 Hole id: 1 NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
BA1AB State: Active	FIN: S1 Contact: ON Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 102 NA code: 04	FIN: Rel Contact: 3 Function: Battery mode Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 1 Contact order: 103 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 1000 U8025 Routing: Feed-throughs: FIN: FT1 Hole id: 2 NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
BA2AA State: Active	FIN: C_Bike Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 02	FIN: VV1 Contact: 4 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 8 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 2 Length: 200 U8025 NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
LL1AA State: Active	FIN: Rel Contact: 1 Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 1 Contact order: 1 NA code: 04	FIN: VV1 Contact: 3 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 500 U8025 NHA: FIN ELO-Box	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	

Produced by Docuneering Ltd.



	(Continued)				
Ident	Connection		Information	Applicability	
	From	То			
		Contact order: 3 NA code: 03			
GE4AA State: Active	FIN: Gen Contact: GND Wire conn. code: Electrical potential: Contact order: 2 Potential conn. order: 2 NA code: 01 Group code: G1-	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 4 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 4	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
GE5AA State: Logconn	FIN: Diode Contact: K Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 04	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 Potential conn. order: 1 NA code: 04 Group code: R1		Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
GE5AB State: Logconn	FIN: Diode Contact: K Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 04	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 Potential conn. order: 2 NA code: 04 Group code: R1		Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	
T001 State: Active	FIN: T01 Contact: 1 Wire conn. code: Screen order: 2 Electrical potential: Contact order: 1 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	FIN: Sensor Contact: A Wire conn. code: Screen order: 2 Electrical potential: Contact order: 1 NA code: 01 Screens: Type: 01, Lvl: 00, Sty: 00	Wire code: Wire type: XY Wire guages: - 010 (proj) Harn. id: Tacho Wire seq. no.: 001 Screens: - SCT1 Twists: - Tacho Twisting type: 1 Length: 1200 Wire color: yellow	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



		(Continued)		
Ident	Connection		Information	Applicability
	From	То	-	
			U8025	
T002 State: Active	FIN: T01 Contact: 2 Wire conn. code: Screen order: 3 Electrical potential: Contact order: 2 NA code: 01 Screens: Type: 01, Lvl: 00, Sty: 00	FIN: Sensor Contact: B Wire conn. code: Screen order: 3 Electrical potential: Contact order: 2 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	Wire code: Wire type: XY Wire guages: - 010 (proj) Harn. id: Tacho Wire seq. no.: 002 Screens: - SCT1 Twists: - Tacho Twisting type: 1 Length: 1200 Wire color: green U8025	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
ND1 State: Logconn	FIN: T01 Wire conn. code: Screen order: 1 Spec. conn.: 100 Electrical potential: Contact order: 0 NA code: 01 Screens: - Type: 03, Lvl: 01, Sty: 01	FIN: T01 Wire conn. code: Screen order: 1 Electrical potential: Contact order: 0 NA code: 01 Screens: SCT1 Type: 03, Lvl: 01, Sty: 01		Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
ND2 State: Logconn	FIN: Sensor Wire conn. code: Screen order: 1 Spec. conn.: 100 Electrical potential: Contact order: 0 NA code: 01 Screens: Type: 03, Lvl: 01, Sty: 01	FIN: Sensor Wire conn. code: Screen order: 1 Electrical potential: Contact order: 0 NA code: 01 Screens: - SCT1 Type: 03, Lvl: 01, Sty: 01		Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)





Wiring

Loom list

Table of contents		Page
References		
List of tables		
1 References		
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Wiring data

Ident	Information	Routing	RPC	Applicability
Batt_01 Context: PN-AC-12561 MFG: F0001 Origin: Manufacturer	Battery_123 Harn. var.: 123 Harn. iss.: A Harn. name: Battery harness EMC: LS1 Max temp.: 500 degF High vibr. env.: Yes Hydr. env.: Yes Sleeves: - PN: SPN1234 Material: Teflon		CAGE: U8025 Name: UK MoD	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Tacho	Tachometer_101 Harn. var.: 101 Harn. iss.: A Harn. name: Tachometer harness EMC: LS2 Min temp.: -10 degC Max temp.: 60 degC High vibr. env.: Yes Sleeves:		CAGE: U8025 Name: UK MoD	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



(Continued)				
Ident	Information	Routing	RPC	Applicability
	- Material: Silicon			
Lamp1	Front light_501 Harn. var.: 501 Harn. iss.: A Harn. name: Front light harness EMC: LS3 Min temp.: -10 degC Sleeves: - PN: SPN1234 - PN: SPN4321		CAGE: U8025 Name: UK MoD	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
Lamp2	Rear light_503 Harn. var.: 503 Harn. iss.: A Harn. name: Rear light harness EMC: LS3 Hydr. env.: Yes		CAGE: U8025 Name: UK MoD	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)



Lighting

Functional and/or physical areas repository

Table of contents	Page
Functional and/or physical areas repository	1
List of tables	
1 References	1
References	
Table 1 References	
Data module / Technical publication Title	
None	

Functional and/or physical areas repository

1 AAA-D00

Functional and/or physical area:.....AAA-D00 Short name:...... Mountain bicycle References: AAA-D00-0

2 **AAA-D00-0**

Functional and/or physical area:.....AAA-D00-0 References: AAA-D00-00

3 **AAA-D00-00**

Functional and/or physical area:	AAA-D00-00
Short name:	Mountain bicycle - General
References:	AAA-D00-00-00



4	AAA-D00-00-00	
	Functional and/or physical area:	AAA-D00-00-00
	Short name:	Mountain bicycle - General
5	AAA-D05	
	Functional and/or physical area:	AAA-D05
	Short name:	
	References:	AAA-D05-0
		AAA-D05-1
		AAA-D05-2
		AAA-D05-4
6	AAA-D05-0	
	Functional and/or physical area:	AAA-D05-0
	Short name:	Bicycle - General
	References:	AAA-D05-00
7	AAA-D05-00	
	Functional and/or physical area:	AAA-D05-00
	Short name:	
	References:	AAA-D05-00-00
8	AAA-D05-00-00	
	Functional and/or physical area:	AAA-D05-00-00
	Short name:	
9	AAA-D05-1	
	Functional and/or physical area:	AAA-D05-1
	Short name:	TBD
	References:	AAA-D05-10
10	AAA-D05-10	
	Functional and/or physical area:	AAA-D05-10
	Short name:	
	References:	



11	AAA-D05-10-00	
	Functional and/or physical area:	AAA-D05-10-00
	Short name:	TBD - General
12	AAA-D05-2	
	Functional and/or physical area: Short name: References:	TBD1
13	AAA-D05-20	
	Functional and/or physical area:	
	Short name:	
	References:	AAA-D05-20-00
14	AAA-D05-20-00	
	Functional and/or physical area:	
	Short name:	IBD1 - General
15	AAA-D05-4	
	Functional and/or physical area:	
	Short name:	
	References:	AAA-DU5-40
16	AAA-D05-40	
	Functional and/or physical area:	AAA-D05-40
	Short name:	
	References:	ААА-DU5-4U-UU
17	AAA-D05-40-00	
	Functional and/or physical area:	
	Short name:	TBD2 - General



18	AAA-DA0	
	Functional and/or physical area:	AAA-DA0
	Short name:	
	References:	AAA-DA0-0
		AAA-DA0-1
		AAA-DA0-2
19	AAA-DA0-0	
	Functional and/or physical area:	AAA-DA0-0
	Short name:	
	References:	AAA-DA0-00
20	AAA-DA0-00	
	Functional and/or physical area:	AAA-DA0-00
	Short name:	Wheel - General
	References:	AAA-DA0-00-00
21	AAA-DA0-00-00	
	Functional and/or physical area:	AAA-DA0-00-00
	Short name:	
22	AAA-DA0-1	
	Functional and/or physical area:	AAA-DA0-1
	Short name:	Inner tube
	References:	AAA-DA0-10
23	AAA-DA0-10	
	Functional and/or physical area:	AAA-DA0-10
	Short name:	
	References:	AAA-DA0-10-00
		AAA-DA0-10-10
		AAA-DA0-10-20
24	AAA-DA0-10-00	
	Functional and/or physical area:	AAA-DA0-10-00
	Short name:	



25	AAA-DA0-10-10	
	Functional and/or physical area:	AAA-DA0-10-10
	Short name:	Inner tube
26	AAA-DA0-10-20	
	Functional and/or physical area:	AAA-DA0-10-20
	Short name:	Tire
27	AAA-DA0-2	
	Functional and/or physical area:	AAA-DA0-2
	Short name:	Rear wheel
	References:	AAA-DA0-20
28	AAA-DA0-20	
	Functional and/or physical area:	AAA-DA0-20
	Short name:	Rear wheel - General
	References:	AAA-DA0-20-00
29	AAA-DA0-20-00	
	Functional and/or physical area:	AAA-DA0-20-00
	Short name:	Rear wheel - General
30	AAA-DA1	
	Functional and/or physical area:	
	Short name:	Brake system
	References:	
		AAA-DA1-1
31	AAA-DA1-0	
	Functional and/or physical area:	AAA-DA1-0
	Short name:	-
	References:	AAA-DA1-00
32	AAA-DA1-00	
	Functional and/or physical area:	AAA-DA1-00
	Short name:	Brake system - General
	References:	AAA-DA1-00-00



33	AAA-DA1-00-00	
	Functional and/or physical area:	AAA-DA1-00-00
	Short name:	Brake system - General
34	AAA-DA1-1	
	Functional and/or physical area:	AAA-DA1-1
	Short name:	Brake pads
	References:	AAA-DA1-10
35	AAA-DA1-10	
	Functional and/or physical area:	AAA-DA1-10
	Short name:	Brake pads - General
	References:	AAA-DA1-10-00
36	AAA-DA1-10-00	
	Functional and/or physical area:	AAA-DA1-10-00
	Short name:	Brake pads - General
37	AAA-DA2	
	Functional and/or physical area:	AAA-DA2
	Short name:	Steering
	References:	AAA-DA2-0
		AAA-DA2-1
		AAA-DA2-2
		AAA-DA2-3
38	AAA-DA2-0	
	Functional and/or physical area:	AAA-DA2-0
	Short name:	Steering - General
	References:	AAA-DA2-00
39	AAA-DA2-00	
	Functional and/or physical area:	AAA-DA2-00
	Short name:	
	References:	AAA-DA2-00-00



40	AAA-DA2-00-00	
	Functional and/or physical area:Short name:	
41	AAA-DA2-1	
	Functional and/or physical area:Short name:References:	Stem
42	AAA-DA2-10	
	Functional and/or physical area:Short name:References:	Stem - General
43	AAA-DA2-10-00	
	Functional and/or physical area:Short name:	
44	AAA-DA2-2	
	Functional and/or physical area:Short name:References:	Handlebar
45	AAA-DA2-20	
	Functional and/or physical area:Short name:References:	Handlebar - General
46	AAA-DA2-20-00	
	Functional and/or physical area:Short name:	
47	AAA-DA2-3	
	Functional and/or physical area:Short name:References:	Headset



48	AAA-DA2-30	
	Functional and/or physical area:	AAA-DA2-30
	Short name:	Headset - General
	References:	AAA-DA2-30-00
49	AAA-DA2-30-00	
	Functional and/or physical area:	AAA-DA2-30-00
	Short name:	Headset - General
50	AAA-DA3	
	Functional and/or physical area:	AAA-DA3
	Short name:	Frame
	References:	AAA-DA3-0
		AAA-DA3-1
51	AAA-DA3-0	
	Functional and/or physical area:	AAA-DA3-0
	Short name:	Frame - General
	References:	AAA-DA3-00
52	AAA-DA3-00	
	Functional and/or physical area:	AAA-DA3-00
	Short name:	Frame - General
	References:	AAA-DA3-00-00
53	AAA-DA3-00-00	
	Functional and/or physical area:	AAA-DA3-00-00
	Short name:	
54	AAA-DA3-1	
	Functional and/or physical area:	AAA-DA3-1
	Short name:	
	References:	AAA-DA3-10



55	AAA-DA3-10	
	Functional and/or physical area:Short name:	
	References:	AAA-DA3-10-00
56	AAA-DA3-10-00	
	Functional and/or physical area:Short name:	
57	AAA-DA4	
	Functional and/or physical area:Short name:References:	Drivetrain
58	AAA-DA4-0	
	Functional and/or physical area: Short name: References:	Drivetrain - General
59	AAA-DA4-00	
	Functional and/or physical area: Short name: References:	Drivetrain - General
60	AAA-DA4-00-00	
	Functional and/or physical area:Short name:	
61	AAA-DA4-1	
	Functional and/or physical area:	Chain



62	AAA-DA4-10	
	Functional and/or physical area:	AAA-DA4-10
	Short name:	Chain - General
	References:	AAA-DA4-10-00
63	AAA-DA4-10-00	
	Functional and/or physical area:	AAA-DA4-10-00
	Short name:	Chain - General
64	AAA-DA5	
	Functional and/or physical area:	AAA-DA5
	Short name:	Gears
	References:	
		AAA-DA5-1
65	AAA-DA5-0	
	Functional and/or physical area:	AAA-DA5-0
	Short name:	Gears - General
	References:	AAA-DA5-00
66	AAA-DA5-00	
	Functional and/or physical area:	AAA-DA5-00
	Short name:	Gears - General
	References:	AAA-DA5-00-00
67	AAA-DA5-00-00	
	Functional and/or physical area:	AAA-DA5-00-00
	Short name:	
68	AAA-DA5-1	
	Functional and/or physical area:	AAA-DA5-1
	Short name:	
	References:	AAA-DA5-10



69	AAA-DA5-10	
	Functional and/or physical area:	AAA-DA5-10
	Short name:	
	References:	AAA-DA5-10-00
70	AAA-DA5-10-00	
	Functional and/or physical area: Short name:	
71	AAA-DA5-2	
	Functional and/or physical area:	AAA-DA5-2
	Short name:	
	References:	AAA-DA5-20
72	AAA-DA5-20	
	Functional and/or physical area:	AAA-DA5-20
	Short name:	
	References:	AAA-DA5-20-00
73	AAA-DA5-20-00	
	Functional and/or physical area:	AAA-DA5-20-00
	Short name:	Hubs - General
74	AAA-DA5-3	
	Functional and/or physical area:	AAA-DA5-3
	Short name:	
	References:	AAA-DA5-30
75	AAA-DA5-30	
	Functional and/or physical area:	AAA-DA5-30
	Short name:	
	References:	AAA-DA5-30-00
76	AAA-DA5-30-00	
	Functional and/or physical area:	
	Short name:	Shifters - General

UNCLASSIFIED





Lighting

Applicability common information repository

Table of contents		
Applicability common information repository		
List of tables		
1 References		
References		
Table 1 References		
Data module / Technical publication Title		
None		
Applicability annotations repository		

1	app-00000000AA022A-0000

Applicability identifier:.....app-0000000AA022A-0000 Brook trekker Mk9)

2 app-00000000AA029A-0000

> Applicability identifier:.....app-0000000AA029A-0000

Brook trekker Mk9)

3 app-00000000AA040A-0000

Applicability identifier:.....app-0000000AA040A-0000

Brook trekker Mk9)



4	app-00000000AA056A-0000 Applicability identifier: Display text:	app-00000000AA056A-0000 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
5	app-00000000AA056A-0001 Applicability identifier: Display text:	app-00000000AA056A-0001 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
6	app-00000000AA057A-0000 Applicability identifier: Display text:	app-00000000AA057A-0000 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
7	app-00000000AA057A-0001 Applicability identifier: Display text:	app-00000000AA057A-0001 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
8	app-00000000AA058A-0000 Applicability identifier: Display text:	app-00000000AA058A-0000 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
9	app-00000000AA058A-0001 Applicability identifier: Display text:	app-00000000AA058A-0001 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
10	app-00000000AA341A-0000 Applicability identifier: Display text:	app-00000000AA341A-0000 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)
11	app-00000000AA413A-0000 Applicability identifier: Display text:	app-00000000AA413A-0000 Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

Applicable to: All bicycles applicability

S1000DLIGHTING-AAA-D00-00-00-00AA-0A2A-D



12	app-0000000AA700A-0000			
	Applicability identifier:	app-0000000AA700A-0000		
	Display text:	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
13	app-00000000AA921A-0000			
	Applicability identifier:	app-00000000AA921A-0000		
	Display text:	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		
14	app-00000000AA941A-0000			
	Applicability identifier:	app-0000000AA941A-0000		
	Display text:	Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)		

UNCLASSIFIED





Lights

Manual test

Table o	of contents	Page
	Manual test References Preliminary requirements Procedure Requirements after job completion	
List of t	tables	
	1 References	······································
	2 Required conditions	
	3 Required persons	
	4 Support equipment	
	5 Consumables, materials and expendables	
	6 Spares	
	7 Required conditions	
	References	
	Table 1 References	
Data mod	dule / Technical publication Title	
None		

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

Required persons

Table 3 Required persons

Persons	Category	Skill level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Produced by Docuneering Ltd.

S1000DLIGHTING-AAA-D00-00-00-00AA-341A-A



Support equipment

Table 4 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 6 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

- 1 Set the lights to on.
- 2 Make sure that all the lights operate correctly.

Requirements after job completion

Required conditions

Table 7 Required conditions

Action / Condition	Data module / Technical publication
None	



Lights

Observed fault

Fa	ш	lŧ	•	^	d	2
	м			_		

Fault code	Fault description	
NYCJD02	The lights are set to the dim position.	
Table of co	ontents	Page
Refe Faul	erved faulterences	1 1
List of tab	les	
1 2 3 4 5	References Required conditions Support equipment Consumables, materials and expendables Spares	
	References	
	Table 1 References	
Data module /	/ Technical publication Title	
S1000DLIGHT	ΓING-AAA-D00-00-01AA-012A-A	
S1000DLIGHT	TING-AAA-D00-00-00-01AA-012A-A	

Fault reporting

Preliminary requirements

Required conditions

Produced by Docuneering Ltd.

S1000DLIGHTING-AAA-D00-00-00-02AA-012A-A

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

UNCLASSIFIED

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DLIGHTING-AAA-D00-00-00-00AA-413A-A



Support equipment

Table 3 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
None			

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 5 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions





Fault code

NYCJD02

Fault description

The lights are set to the dim position.

During use or maintenance 1

1.1 Fault isolation test - LRU

Line replaceable unit

Nomenclature	Identification
Bulb	MFR: KZ111/PN: LiRUs-L1-11

Fault isolation test performance

Test type:..... Operation Test code:..... O-001

Test description

Name:..... Test the bulbs

Test parameters

from 1 to 1 Days

Test procedures: S1000DLIGHTING-AAA-D00-00-00-00AA-341A-A

Repair procedures: S1000DLIGHTING-AAA-D00-00-00-00AA-921A-A

Remarks

This is the data module you would visit when you notice that the lights do not operate correctly.





Lighting

Assemble, install and connect procedures

Table of co	ontents	Page
Refe Prelii Proc Requ	emble, install and connect procedures rences minary requirements edure uirements after job completion	1
List of tabl	es	
1 2 3 4 5 6	References Required conditions Support equipment Consumables, materials and expendables Spares Required conditions References	
	Table 1 References	
Data module /	Technical publication Title	
S1000DLIGHT	ING-AAA-D00-00-00-00AA-921A-A	
S1000DLIGHT	ING-AAA-D00-00-00-00AA-941A-D	

Preliminary requirements

Production management data

Work area location

Zone 200 300

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
Bike is stationary	

Applicable to: Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

S1000DLIGHTING-AAA-D00-00-00-00AA-700A-A



Support equipment

Table 3 Support equipment

Name Manufacturer / Part No.		Quantity	Remark
Specialist toolset	MFR: KZ666 /PN: BSK-TLST-001	1 EA	

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
None			

Spares

Table 5 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			_

Safety conditions

None

Procedure

1 Impacted zones:Zone 200 and Zone 300 2 S1 (ELO-Box) **ELO-Box** 4 Remove the lighting system from the packaging. 5 Make sure that the components in the package are the same as those on the S1000DLIGHTING-AAA-D00-00-00-00AA-941A-D Install the light bulb to the front and rear lights (refer to \$1000DLIGHTING-AAA-D00-00-00-6 00AA-921A-A). 7 Attach the front light fitting on the top of the handlebar. 7.1 Apply the protective strip around the handlebar. 7.2 Pull the clamp open and put it around the protective strip with the light connector at the top. 7.3 Install the washer on the screw.



7.4	Use the correct screwdriver from the and tighten the screw into the hole at the bottom of the clamp. This safeties the clamp to the handlebar.
8	Attach the rear light fitting to the rear triangle of the bike frame.
8.1	Apply the protective strip around one of the two rear triangle up-tubes.
8.2	Pull the clamp open and put it around the protective strip. Make sure the light connector points rearwards.
8.3	Install the washer on the screw.
8.4	Use the correct screwdriver from the and tighten the screw into the hole at the bottom of the clamp. This safeties the clamp to the tube.
9	Attach the light with the white glass to the front connector.
10	Attach the light with the red glass to the rear connector.

Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication
None	





Lighting

Remove and install a new item

Table of o	contents		Page
Re Pro Pro	eferenceseliminary requirementsocedureequirements after job completi	on	1 1 3
1 2 3 4 5 6	Required conditions Support equipment Consumables, materials Spares	References	
		Table 1 References	
Data module	e / Technical publication	Title	
S1000DLIGH	HTING-AAA-D00-00-00-01AA-	012A-A	
S1000DLIGH	HTING-AAA-D00-00-00-02AA-	012A-A	
S1000DLIGH	HTING-AAA-D00-00-00-02AA-	012A-A	

Preliminary requirements

Production management data

Work area location 1

Zone F11 Half front

Work location on the handlebars

Work area location 2

Zone R11 Half rear

Work location under the saddle



Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
Light set to off	
Light removed from bicycle	

Support equipment

Table 3 Support equipment

Name	Manufacturer / Part No.	Quantity	Remark
Special Toolset		1 EA	Material set
- Screwdriver		1 EA	

Consumables, materials and expendables

Table 4 Consumables, materials and expendables

Name Manufacturer / Part No.		Quantity	Remark
None			

Spares

Table 5 Spares

Manufacturer / Part No.	Quantity	Remark
D00-00-00 Fig 01A Item 010	2 EA	Discarded
	1 EA	Material set
D00-00-00 Fig 01A Item 020	1 EA	[1]
D00-00-00 Fig 01A Item 021	1 EA	[1]
D00-00-00 Fig 01A Item 022	1 EA	Referenced
D00-00-00 Fig 01A Item 023	1 EA	Modified from
D00-00-00 Fig 01A Item 022	1 EA	
	D00-00-00 Fig 01A Item 010 D00-00-00 Fig 01A Item 020 D00-00-00 Fig 01A Item 021 D00-00-00 Fig 01A Item 022 D00-00-00 Fig 01A Item 023	D00-00-00 Fig 01A Item 010 2 EA 1 EA D00-00-00 Fig 01A Item 020 1 EA D00-00-00 Fig 01A Item 021 1 EA D00-00-00 Fig 01A Item 022 1 EA D00-00-00 Fig 01A Item 022 1 EA

¹ Make sure that the new bulb is not cracked.

Safety conditions

WARNING

Make sure that the bulb is cool before you replace it.

CAUTION

Do not touch the glass of the bulb.

CAUTION

Make sure that the glass is clean before installing it on the light.

Procedure

- 1 From location on the handlebars, remove the glass Glass.
- Remove the used front yellow bulb Bulb.
- 3 Discard the used bulb Bulb.
- 4 Remove the new white bulb Bulb from the kit Kit.
- 5 Install the new white bulb Bulb.
- 6 Install the glass Glass on the light.
- 7 Attach the light fitting on the handlebar.
- 8 Apply the protective strip around the handlebar.
- 9 Install the washer on the screw.
- Use the special screwdriver Screwdriver from the toolset Special Toolset and tighten the screw into the hole at the bottom of the clamp. This safeties the clamp to the handlebar.
- 11 From location under the saddle Remove the glass Glass.
- 12 Remove the used yellow rear bulb Bulb.
- 13 Discard the used bulb Bulb.



14	Remove the new white bulb Bulb from the kit Kit.
15	Install the new white Bulb.
16	Drill a 4mm hole in the middle of the glass Glass in order to allow venting and heat evacuation when the light is switched on.
	The glass with the hole may be ordered independently with the reference Glass.
17	Install the glass with the hole Glass on the light.

Requirements after job completion

Required conditions

Table 6 Required conditions

Action / Condition	Data module / Technical publication
Switch the lights on if necessary.	



Lights

Warning repository

lable of contents		Page
References		1
List of tables		
1 References		1
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Warnings repository

1 warning-001

WARNING

Make sure that the bulb is cool before you replace it.

2 warning-002





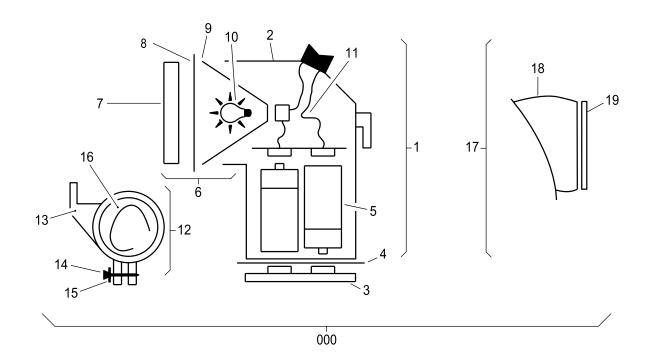


Light system

Illustrated Parts Data - IPD

Table of contents		Page
Illustrated Parts Data - IPD References		1 1
List of tables		
1 References		1
List of figures		
1 Light system		2
	References	
	Table 1 References	
Data module / Technical publication	Title	
None		





ICN-C0419-S1000D0362-001-01

Fig 1 Light system



Initial provisioning project information

 IPP number:
 KZ7771111

 IPP subject:
 LIGHT SYSTEM

 IPP file identifier:
 s

Fig	Item	Units per assembly / Unit of issue	CAGE	Part No. NATO Stock No.	Description	* Usable on code assy • MV/Effect	ICY
1							
	0	REF	KZ777	LRU1001	Light system		
	1	1	KZ777	LRU1010	 Light, sub-assembly front, FRONT 		
	2	1	KZ777	LRU1011	•• Light, main body		
	3	1	KZ777	LRU1012	••• Light, base		
	4	1	KZ777	LRU1013	•••• Seal		
	5	2	KZ777	LIRUS-L1-10	• • • Battery		
	6	1	KZ777	LRU1018	•• Lens, assembly		
	7	1	KZ777	LRU1019	• • • Lens sub-assembly		
	8	1	KZ777	LRU1022	•••• Seal		
	9	1	KZ777	LRU1020	• • • Reflector		
	10	2	KZ777	LIRUS-L1-11	•••• Bulb		
	11	1	KZ777	LRU1026	• • Loom wiring		
	12	1	KZ777	LRU-B001	 Bracket, light mounting 		
	13	1	KZ777	LRU-B003	•• Clip		
	14	1	KZ777	LRU-B124	* * Screw,special		
	15	1	KZ777	LRU-B556	* * Washer,flat		
	16	1	KZ777	LRU-B789	••• Grip,strip		
	17	1	KZ777	LRU2010	Light, sub assembly rear		
	18	1	KZ777	LRU1011	•• Light, main body, REAR		
	19	1	KZ777	LRU2018	• • Lens, assembly rear		
	20	1	KZ777	LIRUS-B1-12F	••• Front Bulb		
	21	1	KZ777	LIRUS-B1-12R	••• Rear Bulb		
	22	2	KZ777	LIRUS-G1-10	••• Glass		
	23	1	KZ777	LIRUS-G1-10H	• • • Glass with hole		





Lights

Caution repository

lable of contents		Page
Caution repository References		
List of tables		
1 References	References	
	Table 1 References	
Data module / Technical publication	Title	
None		

Cautions repository

1 caution-001

CAUTION

Do not touch the glass of the bulb.

2 caution-002



