

## Bicycle – Scheduled maintenance lists

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**Title:** Bicycle – Scheduled maintenance lists

**Security Classification:** UNCLASSIFIED

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**Policy reference:** TPSMG TOR 001

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**Responsible partner company:** UK MoD /U8025

**Originator:** UK MoD /U8025

**Applicability cross-reference table reference:** [S1000DBIKE-AAA-D00-00-00-00AA-00WA-D](#)

**Applicability:** Mountain bicycle and (Mountain storm Mk1 or Brook trekker Mk9)

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

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**Technical standard:**                    **Authority information:**                    20010131  
**Authority baseline:**                    Bike book  
**Authority exceptions:**  
**Authority notes:**

**Brex data module reference:** [S1000DBIKE-AAA-D00-00-00-00AA-022A-D](#)

**QA:**    First verification Cleared Table Top

**System breakdown code:**            BY

**Reason for updating:**                Related CPF No. 2008-014AA  
Requirement source reference

**Reason for updating:**                Task Description - extension  
2009-104AA

**Reason for updating:**                tolerance value  
2009-75DE

## 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

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## References

Table 1 References

Data module / Technical publication	Title
S1000DBIKE-AAA-D00-00-00-00AA-121A-A	Bicycle – Pre-operation procedures (crew)
S1000DBIKE-AAA-D00-00-00-00AA-151A-A	Bicycle – Post-operation procedures (crew)
S1000DBIKE-AAA-DA1-10-00-00AA-251A-A	Brake pads – Clean with rubbing alcohol
S1000DBIKE-AAA-DA4-10-00-00AA-251B-A	Chain – Clean with chain cleaning fluid
S1000DBIKE-AAA-DA0-20-00-00AA-520A-A	Rear wheel – Remove procedures

## 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

Code:..... stc51  
 Source criticality:..... sc55

## Preliminary requirements

## Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

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

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

## 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

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

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## Limit

Perform once

Interval: 1 Day  $\pm$  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	Manufacturer / Part No.	Quantity	Remark
None			

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

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## 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			

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

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## 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 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	PN:	As required	
General lubricant	MFR: KZ222 /PN: LL-001	As required	

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

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## 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	<a href="#">S1000DBIKE-AAA-DA0-20-00-00AA-520A-A</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)

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Table 25 Consumables, materials and expendables (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