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## Bicycle – Normal operation procedures (crew)

**Extension:** SF518 /CE0701  
**DMC:** S1000DBIKE-AAA-D00-00-00-00AA-131A-A  
**Language:** en/US  
**Issue No.:** 008  
**Issue Date:** 2012-12-31  
**Title:** Bicycle – Normal operation procedures (crew)

**Instance Identification**

**DMC:** S1000DBIKE-AAA-D00-00-00-00AA-131A-A  
**Language:** en/US  
**Issue No.:** 008

**Security Classification:** UNCLASSIFIED

**Data Restrictions**

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**Policy reference:** TPSMG TOR 001

**Conditions:** There are no known conditions that would change the data restrictions for, or security classification of, this data module.

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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 Brook trekker Mk9

**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

**Skill level:** Basic

**Reason for updating:** schema cleanup  
element/attribute renaming

**Remarks:** Caption color "blue" is not in the list of S1000D interpreted values. Has been set to "co51".

## Bicycle

### *Normal operation procedures (crew)*

#### Table of contents

	Page
Normal operation procedures (crew) .....	1
References .....	1

#### List of tables

1	References .....	1
2	Correlation of tire pressure and terrain .....	2

### *References*

*Table 1 References*

Data module / Technical publication	Title
None	

### *Pre-ride inspection*

#### Brakes

##### **Pads**

- 1 Pads..... Free of unwanted material
- 2 Pads..... Acceptable pad width
- 3 Pads..... Acceptable pad clearance

##### **Callipers**

- 1 Link Wire..... Firmly attached

##### **Levers**

- 1 Levers..... Approximately 1 inch of travel before engagement
- 2 Levers..... Space between lever and handlebar when fully pulled

##### **Cables**

- 1 Cables..... No cuts or fraying

### Tires

- 1 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 Axle Nuts..... Tight

### Headset

- 1 Headset bearings..... Tight

### Chain

- 1 Links..... Easy movement of links

### Handlebar



*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

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**Computer**

1 Computer Display..... **Applicable to: Brook trekker Mk9**

**SPEED** 0 mph

**DISTANCE** 0 miles

