
Bicycle – Pre-operation procedures (crew)

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Title: Bicycle – Pre-operation procedures (crew)

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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

Skill level: Basic

Reason for updating: schema cleanup
element/attribute renaming

Bicycle

Pre-operation procedures (crew)

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References

Table 1 References

Data module / Technical publication	Title
S1000DBIKE-AAA-DA4-10-00-00AA-251B-A	Chain – Clean with chain cleaning fluid

Preliminary requirements

Required conditions

Table 2 Required conditions

Action / Condition	Data module / Technical publication
None	

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

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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.

2 Do an inspection of the installation of the brakes.

2.1 Check the hydraulic brake system function.

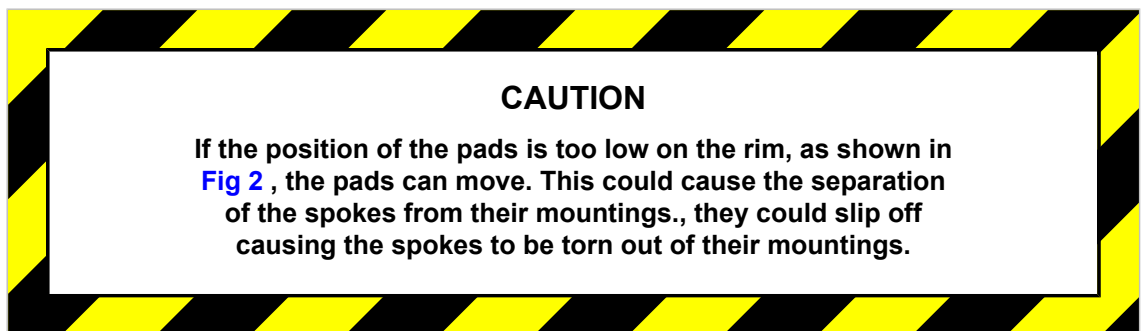


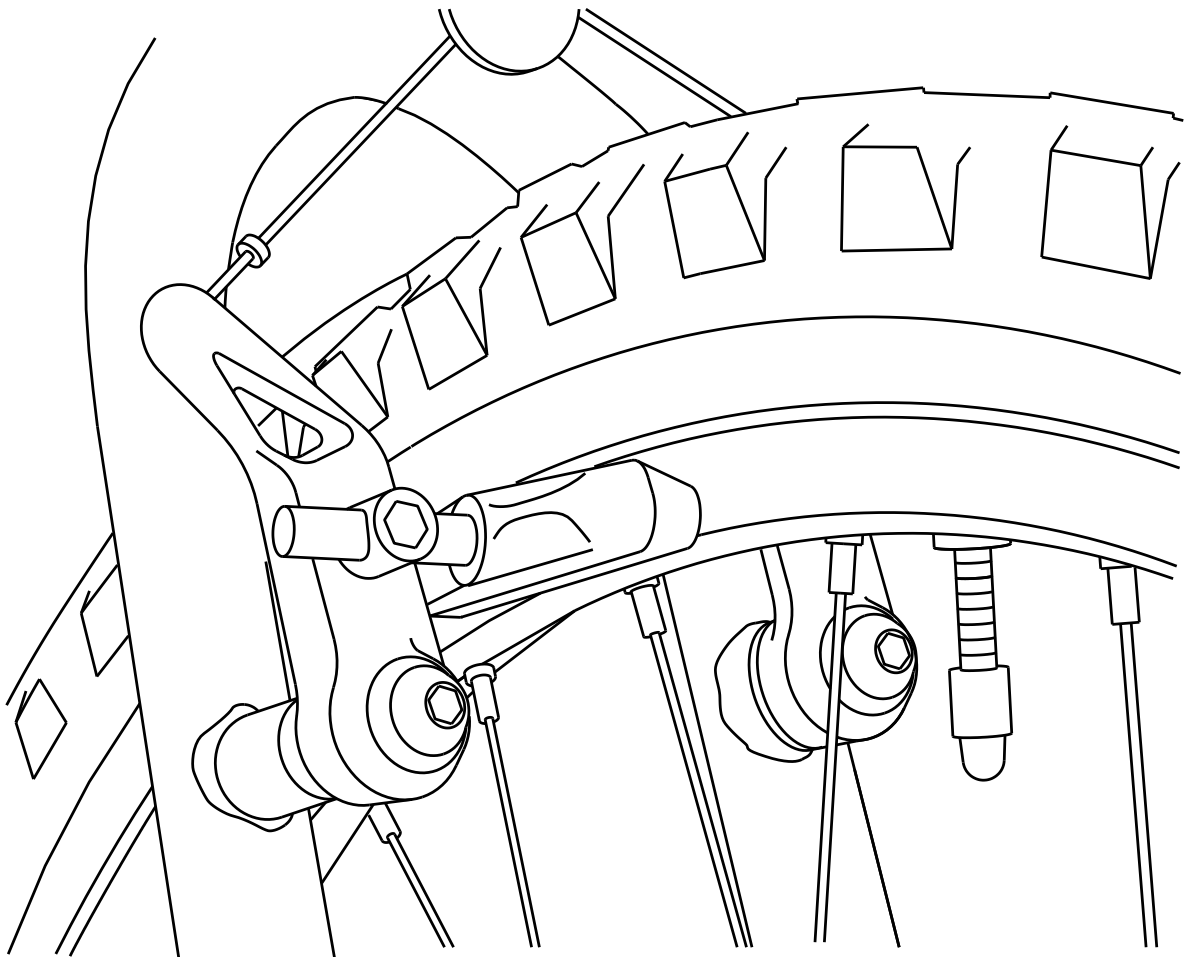
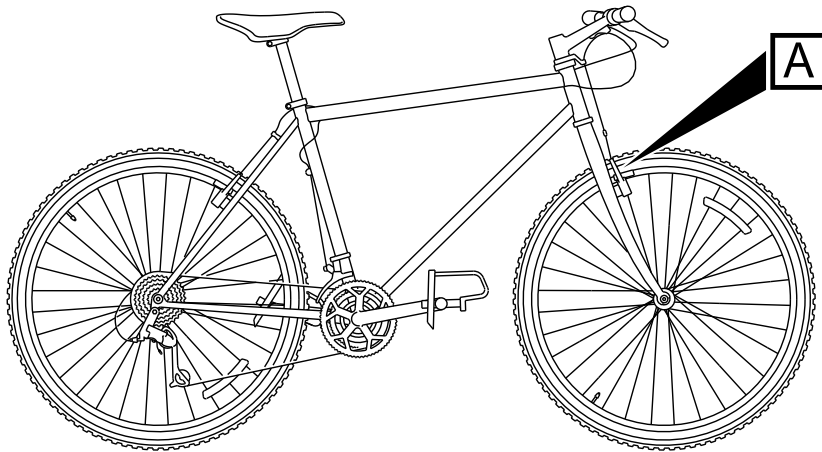
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Fig 1, Other Hydraulic brake function

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

2.3





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Fig 2 Brake pad seating

Produced by Docuneering Ltd

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

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- 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 [S1000DBIKE-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	