

Bicycle – Other procedures to clean

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Title: Bicycle – Other procedures to clean

Security Classification: UNCLASSIFIED

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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.

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: Intermediate

Reason for updating: totally revised
Schema cleanup element/attribute renaming

Bicycle

Other procedures to clean

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References

Table 1 References

Data module / Technical publication	Title
S1000DBIKE-AAA-DA4-10-00-00AA-241A-A	Chain – Oil

Preliminary requirements

Required conditions

Table 2 Required conditions

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

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

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Applicable to: Mountain bicycle Brook trekker Mk9

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

Support equipment

Table 5 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 6 Consumables, materials and expendables

Name	Manufacturer / Part No.	Quantity	Remark
Degreasing agent	MFR: KZ222 /PN: LL-004	1 L	
Detergent A	MFR: KZ666 /PN: BSK-TLST-023-14	1 L	
<i>Applicable to: Mountain bicycle Brook trekker Mk9</i>			
Detergent B	MFR: KZ666 /PN: BSK-TLST-001-15	1 L	

Spares

Table 7 Spares

Name	Manufacturer / Part No.	Quantity	Remark
None			

Safety conditions



WARNING

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



WARNING

Do not get **Detergent B** 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.

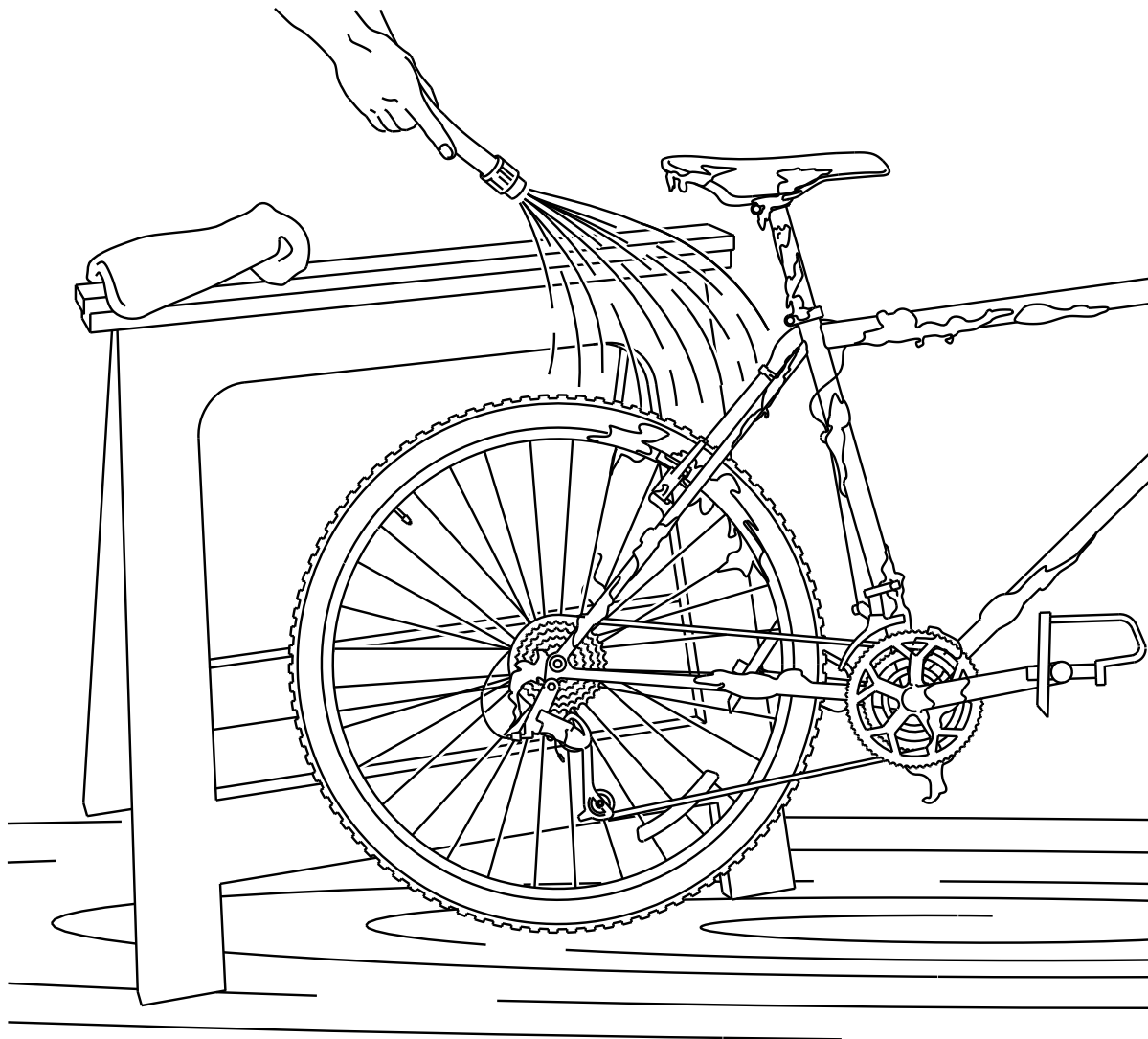


CAUTION

Apply **Detergent B** 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](#).

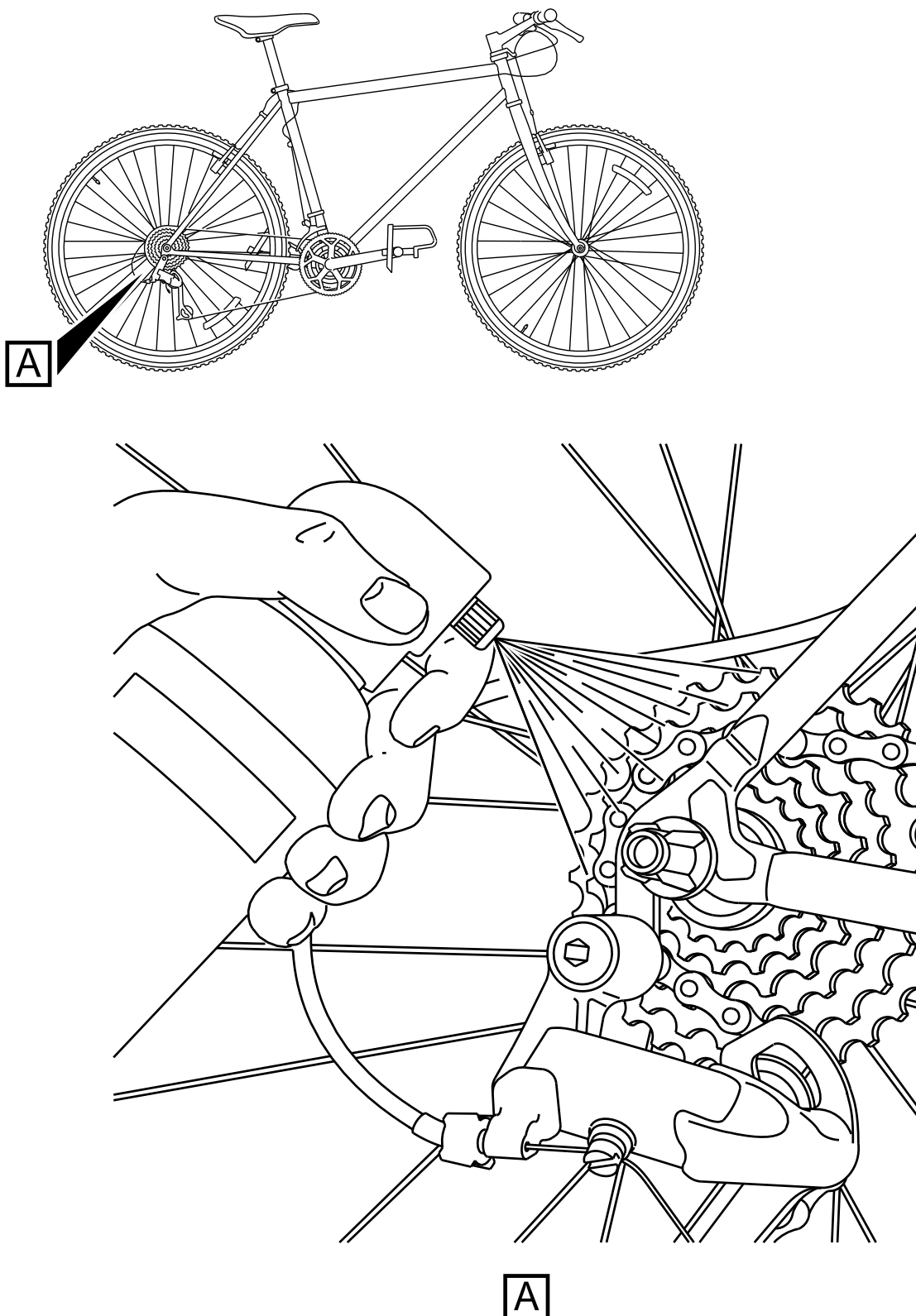


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Fig 1 Cleaning the bike

- 2 Use a [Stiff bristle brush](#) to get access to areas that are not easy to clean. These are the shift levers, the knobby 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



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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 to: Mountain bicycle Mountain storm Mk1

6 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 to: Mountain bicycle Brook trekker Mk9

7 Wash the Bike

7.1 Soak the [Sponge](#) into [Detergent B](#) 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.

8 Lubricate the bicycle (refer to [S1000DBIKE-AAA-DA4-10-00-00AA-241A-A](#)).

Requirements after job completion

Required conditions

Table 8 Required conditions

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

