
Front wheel – Fault reports and isolation procedures

DMC: S1000DBIKE-AAA-DA0-10-20-00AA-400A-A
Language: en/US
Issue No.: 007
Issue Date: 2012-12-31
Title: Front wheel – Fault reports and isolation procedures
Security Classification: UNCLASSIFIED

Data Restrictions

Distribution: To be made available to all S1000D users.
Export Control: Export of this data module to all countries that are the residence of organizations that are users of S1000D is permitted. Storage of this data module is to be at the discretion of the organization.
Handling: There are no specific handling instructions for this data module.
Destruction: Users may destroy this data module in accordance with their own local procedures.
Disclosure: There are no dissemination limitations that apply to this data module.
Copyright: **Copyright (C) 2013** 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.

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)

S1000DBIKE-AAA-DA0-10-20-00AA-400A-A

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: BY112

Skill level: Basic

Reason for updating: schema cleanup
element/attribute renaming

Front wheel

Fault reports and isolation procedures

Fault codes

Fault code	Fault description
NYCJD04	Tire does not function correctly

Table of contents

	Page
Fault reports and isolation procedures	1
References	1
Preliminary requirements	2
Requirements after job completion	3

List of tables

1	References	1
2	Required conditions	2
3	Support equipment	2
4	Consumables, materials and expendables	2
5	Spares	2
6	Required conditions	3

References

Table 1 References

Data module / Technical publication	Title
S1000DBIKE-AAA-DA0-10-20-00AA-215A-A	Tire – Fill with air
S1000DBIKE-AAA-DA0-10-20-00AA-921A-A	Tire – Remove and install a new item
S1000DBIKE-AAA-DA0-10-10-00AA-921A-A	Inner tube – Remove and install a new item

Fault isolation procedure

Fault code

NYCJD04

Fault description

Tire does not function correctly

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

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

- 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 [S1000DBIKE-AAA-DA0-10-20-00AA-921A-A](#))
Go to requirements after job completion
- 6 Replace the inner-tube (refer to [S1000DBIKE-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	

