
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

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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)

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

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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](#)

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- 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	

