Bicycle

Pre-operation procedures (crew)

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Table 1 References

Data Module/Technical publication	Title
S1000DBIKE-AAA-DA4-10-00-00AA-251B-A	

Preliminary requirements

Required conditions

Table 2 Required conditions

Action/Condition	Data module/Technical publication
None	

Required persons

Table 3 Required persons

Person	Category	Skill Level	Trade/Trade code	Estimated time
Man A	Basic user		Operator	0,3 h

Support equipment

Table 4 Support equipment

Name	Identification/Reference	Quantity	Remark
Tire pressure gauge	KZ666 BSK-TLST-001-01	1	
Specialist toolset	KZ666 BSK-TLST-001	1	

Consumables, materials and expendables

Table 5 Consumables, materials and expendables

Name	Identification/Reference	Quantity	Remark
General lubricant	KZ222 LL-001	As required	

Spares

Table 6 Spares

Name	Identification/Reference	Quantity	Remark
Chain Tensioner		1	<remarks> <simplePara>This spare is essential for maintaining proper chain tension and should be replaced after extensive use.</simplePara> </remarks>

Safety Conditions

None

Procedure

1

CAUTION

Ensure all safety guards are in place before proceeding.

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

Note

Prior to beginning the brake installation inspection, ensure that all brake mounting components are secure and that the brake surface is free of contaminants for an accurate evaluation of the hydraulic system function and pad clearance.

Do an inspection of the installation of the brakes.

2.1 Check the hydraulic brake system function.
<multimedia> <title>Hydraulic brake function</title> <multimediaObject autoPlay="1" fullScreen="0" infoEntityIdent="ICN-C0419-S1000D0384-001-01" multimediaType="other"></ multimediaObject> </multimedia>

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

2.3

CAUTION

If the position of the pads is too low on the rim, as shown in Fig 1 , the pads can move. This could cause the separation of the spokes from their mountings., they could slip off causing the spokes to be torn out of their mountings.

ICN-C0419-S1000D0382-001-01

Fig 1 Brake pad seating

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	

End of data module