

# Suspension Kit

Birdy only



**RIEDA GROUP limited**  
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## Suspension Kit P/N: SSBD1 Standard 151g



- a** Front block: P/N: FSDB1 108 g
- b** Rear block: P/N: RSDB1 43 g
- c** M5 hex bolt
- d** M3 hex bolt x 2
- e** Washers x 2
- f** Special wrench tool

Basic colors



## Suspension Kit P/N: SSBD2 Racing 118g



- a** Front block: P/N: FSDB2 63 g
- b** Rear block: P/N: RSDB2 55 g
- c** M5 hex bolt
- d** M3 hex bolt x 2
- e** Washers x 2
- f** Special wrench tool x 2

Basic colors



Special colors



# 3D Free Ball



RIDEA

## Front block installation

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**Tools required**

  - 3 mm hex wrench
  - 4 mm hex wrench
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Unscrew concave joint from the block body.
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Place a washer **e** in the front fork where the block will be installed.
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Fix the concave and convex joints to the fork with a 3 mm hex wrench (4 Nm).
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Both parts of the joint should be able to rotate after tightening the bolt.
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Hand-tighten the body block to the joint.
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With the provided special wrench tools **f**, lock the joint by turning concave joint clockwise and convex joint counterclockwise.
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Shake the body block to test proper installation. Both parts of the joint should be able to rotate.
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Unfold front wheel to check that there is no gap between the body block and the bike frame.
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If there is a gap, adjust the position of the suspension base in the frame with a 4 mm hex wrench.

## Rear block installation

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**Tools required**

  - 2.5 mm hex wrench
  - 3 mm hex wrench
  - 4 mm hex wrench
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Use M5 bolt **c** to fix rear block to the frame. Tighten by hand during this step.
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Use 3 mm hex wrench to tighten the rear block (4 Nm).
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Insert the M3 bolt **d** into the block and tighten it with a 2,5 mm hex wrench.
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M3 bolt max. torque is 2 Nm. This bolt just holds the block in place and it has no function on preloading the shock absorber.
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If needed, adjust the swing arm catch until it locks the frame properly. A 4 mm hex wrench will be required.