Cyclist Figure Drawing: Bike Frame, Posture, and Pedal Contact

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A side-view cyclist drawing has wheel radius 25 mm, wheelbase 90 mm, bottom bracket 35 mm from the rear wheel center, thigh 40 mm, shin 38 mm, and arm 45 mm. The foot is drawn at the toe tip on the pedal. Identify one error and one correction.

Answer: Error: foot contact is at the toe tip. Correction: move the foot so the ball of the foot meets the pedal spindle, then redraw the shin line to the ankle. Check that thigh and shin lengths remain 40 mm and 38 mm after the adjustment.