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Installation Instructions

Engine Protection Bar
R1200 CL

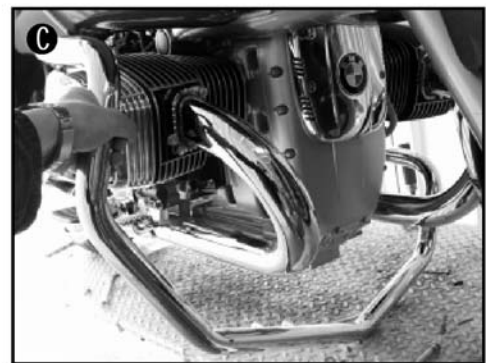
Part Number 8160249

Thank you for purchasing this engine protection bar made by Wunderlich. Please follow these instructions for easy installation.

1. Remove both chrome side covers. Mount the engine protection bar brackets loosely using the original M10 nuts and washers of the fairing support bracket. (Images A and B)

2. Guide the engine protection bar from the right side under the motorcycle and lift it over the right cylinder. (Image C) Now lift the engine protection bar over the left cylinder and attach the bar to the underside of the engine with the long M10 bolts, nut and 2-washers. (Image D) Do not tighten the bolt at this point.

3. Attach the engine protection bar to the brackets installed in step 1 using the two short M10 bolts, nuts, washers and lock washers. (Image E) Adjust the positioning of the engine protection bar and systematically tighten all fasteners to the proper torque value. Reinstall the chrome side covers.



Common Torque Values

This table specifies tightening torques of common fasteners with standard I.S.O. threads. These torque specifications are only valid when different torque values are not specified by the manufacturer. When joining parts with several fasteners, evenly tighten in a cross pattern, in several stages up to the maximum, so that the parts are joined evenly. Unless otherwise specified by the manufacturer, these torque values are for dry and clean bolts and threads, with all components at room temperature.

Bolt	NM	Ft. Lbs.
6 mm	6	4.5
8 mm	15	11
10 mm	30	22
12 mm	55	40



General note: Our fittings instructions are written to the best of our knowledge but specifications or details may change. If you have difficulties or have doubts with fitting this part please seek advice from your BMW dealer or the workshop of your choice.

Please note that in some cases due to vehicle related tolerances beyond our control some products might need adjusting to fit. We cannot warranty parts fitting in those circumstances.

