## **35101** NC700/750 2012>2020 Engine Bars Fitting Instructions

Kit Includes:

1X	***	Pair of Engine Bars
1X	***	Upper Headstock Bracket
1X	***	A M10 X 40mm Hex Head Bolt
1X	***	5mm Spacer
2X	***	M8 X 25mm Domehead Socket Screws

Position the bike on cardboard or carpet to avoid component damage during assembly. Try to have the bike upright using the bikes centre stand or a paddock stand. Pyramid offer a centre stand for this bike on our website.

These parts are professional made in a specialist metal fabrication facility. They are made to consistent dimensions through the use of jigs during the assembly process. Some miss-alignment of mounting points is common in large welded components of this kind. Fortunately there is inherent flex in these tubular parts and with one or more mountings loosely attached it is ok to flex another mounting point into alignment.

Take your time and thank you for being patient.....

• First fit the Upper Headstock Bracket. For the correct orientation and order of assembly **see fig 1**. To install, first remove the M10 bolt located under the nose fairing - **see fig 2** - Use a 15mm ring spanner or socket. Replace with the M10 x 40 bolt supplied - Install loosely at this stage.

Now remove the plastic belly pan –  $2 \times M5$  socket screws and slide forwards to release.

- The Engine Bars are attached to two engine mounting bolts on each side of the bike. You will need a
  17mm socket to remove these bolts.
  - **Referring to fig 3**, remove bolts A and B. Now fit and fully tighten the left side Engine Bar. Be sure that the rubber tube near position B is routed over the top of the bolt.
  - To gain access to the bolts on the right side of the bike you must first unbolt the horn/water reservoir bracket at position C **see fig 4**, and also the clutch cable bracket at position D **see fig 5**. cover the clutch cable bracket in bubble wrap, masking tape or similar to avoid accidental scratching of the engine casings.
  - Remove the engine mounting bolts at positions C and D. Now loosely install the right side Engine Bar. Ensure the two spacers (part of the original assembly) are correctly installed and that the bolts are in the correct positions, i.e. 55mm length bolt at C and 45mm length bolt at D.
  - Once the bolts C and D are loosely installed on the right side of the bike return to the left side of the bike and loosen bolts A and B

With both side Engine Bars now loosely installed slide their tube ends onto the Upper Headstock Bracket and fix them in place with the two M8 x 25 domehead socket screws provided – fully tighten.

Now fully tighten the four bolts and positions A, B, C and D.

Now re-check you have tightened all the bolts in the assembly and the Engine Bars are rigidly installed.

Now refit the horn/reservoir bracket and clutch cable bracket along with the plastic belly pan.

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