



# TOURATECH

TOURING RALLYE RACING TECHNOLOGY

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## Installation Instructions Risers/Adaptors 60 mm X-line F650GS

### Contains:

- 2 x Risers/Adaptors Magura X-line handlebar 60 mm
- 2 x Clamp Magura X-line handlebar
- 4 x Screw hex M8x70
- 4 x Screw hex M8x30
- 4 x Screw dome head hex M5x35,
- 4 x Cut spacers 16,6,15



Handlebar clamps to adapt Magura handlebars on F650GS with 22mm handlebar.

### Installation:

Remove the original handlebar controls. Information to this can be found on shop or repair manual. Make sure no brakefluid gets out at right grip and that brake lever is NOT operated during installation!

Open the stock handlebar clamps and remove the original handlebar off the risers.

Handlebar may sit very tightly and you may need to use rubber hammer to remove the bars. Install the new risers with four M8x70 screws. Make sure the risers sit as straight and parallel as possible.

Do not tighten the bolts yet but set the Magura bar on the risers to be able to adjust the risers correctly. Remove the bar again and tighten the riser bolts to BMW specs.

Set the bar on again and align correctly (markings on the bar middle help centering the bar).

Set the new clamps on the bar. Check again the manufacturers shop/repair manual concerning the assembly sequence when installing bar, controls and grips.

Tighten the new clamps with four M8x30 screws to 21Nm torque.

Use the two spacers between clamps and heated grips switch unit and attach with M5x35 dome head screws.

### ATTENTION:

Examine that all cables and hoses still have adequate length ! Especially with the 60mm risers. Turn steering to full right and left lock to check for cable length.

Installation of aftermarket handlebars may require approval in some countries.

### Note:

To install handprotectors on 28mm Magura handlebar adapter kit 040-0534 is needed.