

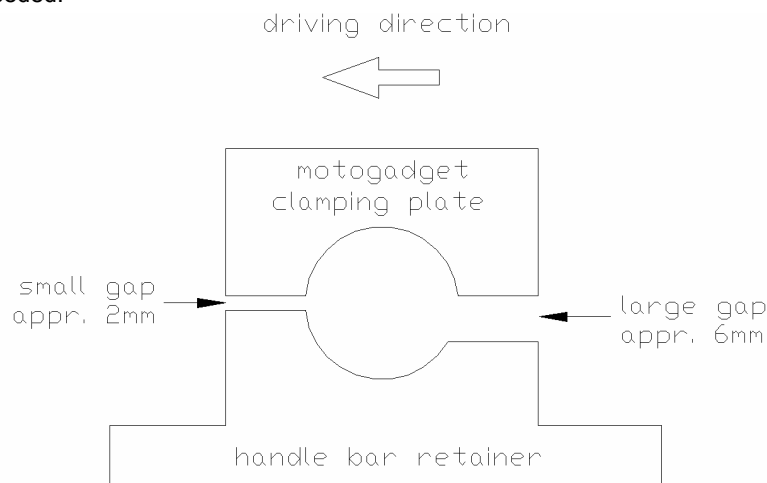
Instruction Manual for the Buell Handlebar Top Clamp

Exclusion of liability

INSTRUMENT HOUSINGS AND ALL OTHER DELIVERED PARTS MUST NOT BE OPENED OR DISMANTLED. IN CASE OF NON-COMPLIANCE ALL GUARANTEE CLAIMS BECOME INVALID. MOTOGADGET ACCEPTS NO LIABILITY FOR DIRECT OR INDIRECT DAMAGE OR SUBSEQUENT DAMAGE OF ANY KIND RESULTING FROM THE USE, INSTALLATION OR CONNECTION OF INSTRUMENTS, THE SENSORS OR OTHER DELIVERED EQUIPMENT. THIS EXCLUSION OF LIABILITY PARTICULARLY INCLUDES DAMAGE TO PERSONS, MATERIAL LOSSES AND FINANCIAL DAMAGES. THE USE OF THE HANDLEBAR TOP CLAMP IN AREAS OF PUBLIC TRAFFIC IS UNDERTAKEN AT THE USER'S OWN RISK.

Mounting of the Handlebar Top Clamp

- Mark the position of the handlebar to the lower handlebar retainer with a marker pen. Undo the 4 clamping bolts and remove the original top clamp.
- Mount the motoscope mini to the handlebar top clamp by using the enclosed metric countersunk screws (M3). Do not exceed the maximum tightening torque which is 4 Nm.
- Take motoscope mini cable trough the groove in driving direction.
- Place the motogadget clamping plate onto the handlebar and align the handlebar according your pen marks.
- Put the enclosed inch screws into the 4 drillings and tighten them gently by hand. Make sure you do not squeeze ore damage both cables in other way during this operation.
- Consider that the opposite faces of clamping plate and retainer have different gabs in driving direction and drivers direction (see draft below)
- Tighten the screws in small steps crosswise. The clamping plate will now pressing into the handlebar knurl. Make sure the clamping plate is not cant, that means the gap between left and right side should be the same. A maximum torque of 20 Nm must not be exceeded.



Connection and cable colours

Before starting the electrical connection remove the vehicle battery or interrupt its connection to the onboard power supply. Use the original Buell wiring diagram. Then connect the warning lights as described in the table below. (Cable colours like listed in column "Buell cable colours" may vary due to model changes. Please verify the cable colours with the original wiring diagram.) Make sure all connections are fused. If not, damage at the connection cables can cause a cable fire. Make sure you are capable to connect the instrument properly. If you are not sure, let the professional shop do the job!

Cable colour top clamp	name	polarity	Buell cable colour	XR1200 colour
violet	indicator left	+12V	violet	violet
brown	indicator right	+12V	brown	brown
yellow	idle gear	earth	yellow	green/yellow
white	high beam	+12V	white	white
black	check engine	+12V	depending on year (please check vehicle circuit diagram)	orange
orange	check engine	earth	depending on year (please check vehicle circuit diagram)	m-Can blue cable
green	oil pressure	earth	green – yellow	tan
red	power supply	+12V	grey – orange	orange
blue	power supply	earth	black	black