



**PHDS MOUNTING INSTRUCTIONS**  
(Progressive Handlebar Dampening System)

*racing technology*

# PHDS

PROGRESSIVE HANDLEBAR DAMPENING SYSTEM

Thank you for choosing XTRIG racing technology.

All our products were designed and manufactured according to the highest standards using the best materials available. XTRIG racing technology is race-proven to offer the ultimate in performance.

XTRIG shall not be held liable for improper installation or use of this product. Please follow all instructions provided. If you are unsure of any installation procedure, please contact an authorized dealer. Thank you.

## Scope of supply:

1. 2x base support
2. 4x tapered rubber
3. 2x heighteners
4. 2x AH screw M10x25
4. 2x AH screw for heighteners M10x35
5. 2x clamping bar
6. 2x lower pan
7. 2x upper pan
8. 4x intermediate rubber
9. 4x elastomers yellow/medium
10. 4x collar screw M8x45 A/F=10

## Characteristics:

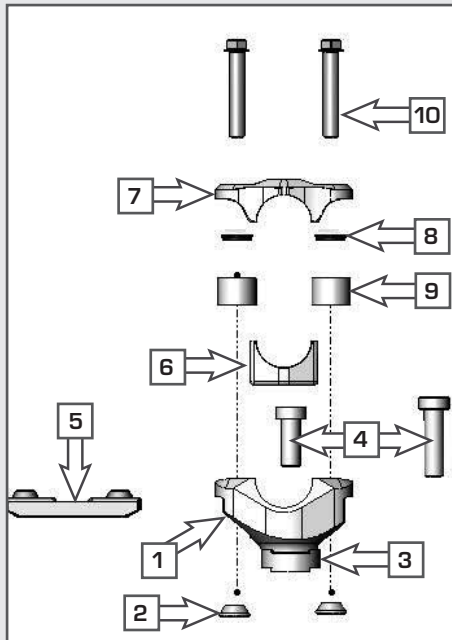
Progressive handlebar clamp supported by elastomers. Absorbs engine and chassis vibrations. Dampens hard, whipping impact.

Maintains steering precision. Adjustable handlebar position due to the modular design.

Tuned by exchangeable, individually adjustable elastomers ( 9 ).

Handlebar dampening in the direction of the arrows ( Fig. A ).

XTRIG Kit no.	Description	Hardness
XT7692	Elastomer green	soft
XT7693	Elastomer yellow	medium (standard)
XT7694	Elastomer red	hard



## Mounting:



Screw (M10x25) ( 4 ) the base support ( 1 ) on the triple clamp with the pre-assembled tapered rubber ( 2 ) and tighten to 40 Nm. If necessary, add heighteners ( 3 ), using the M10x35 screws. *NOTE: make sure you have the same offset direction.*



Insert the clamping bar ( 5 ) in the base support ( 1 ) (taper pointing up). Place the lower pan ( 6 ) in the clamping bar ( 5 ).



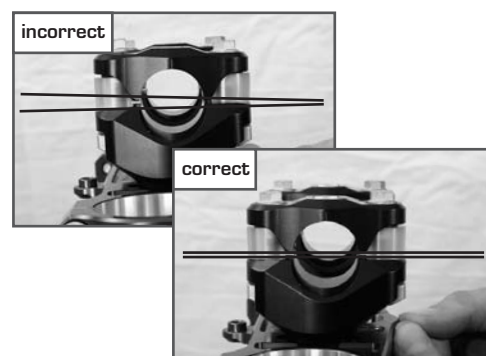
Mount the handlebar and move it into the desired position.



Mount the upper pan ( 7 ) with the pre-assembled intermediate rubber ( 8 ), screws ( 10 ) and elastomers ( 9 ).



Evenly turn in the screws ( 10 ) and tighten to 16 Nm, making sure the clamping gap between the pans ( 6 ) + ( 7 ) is the same size (see photo correct/incorrect).



Use the same procedure for the second side.



- Check the PHDS for damage after every crash and replace if necessary.

- Tightening torque for the handlebar clamp: max. 16 Nm.

**Note:** Tightening the clamp screws (10) will NOT change the elastomer preload. Improper mounting can impair the mode of operation.