

# HYPHERPRO

## STEERING DAMPER MOUNTING KIT

for

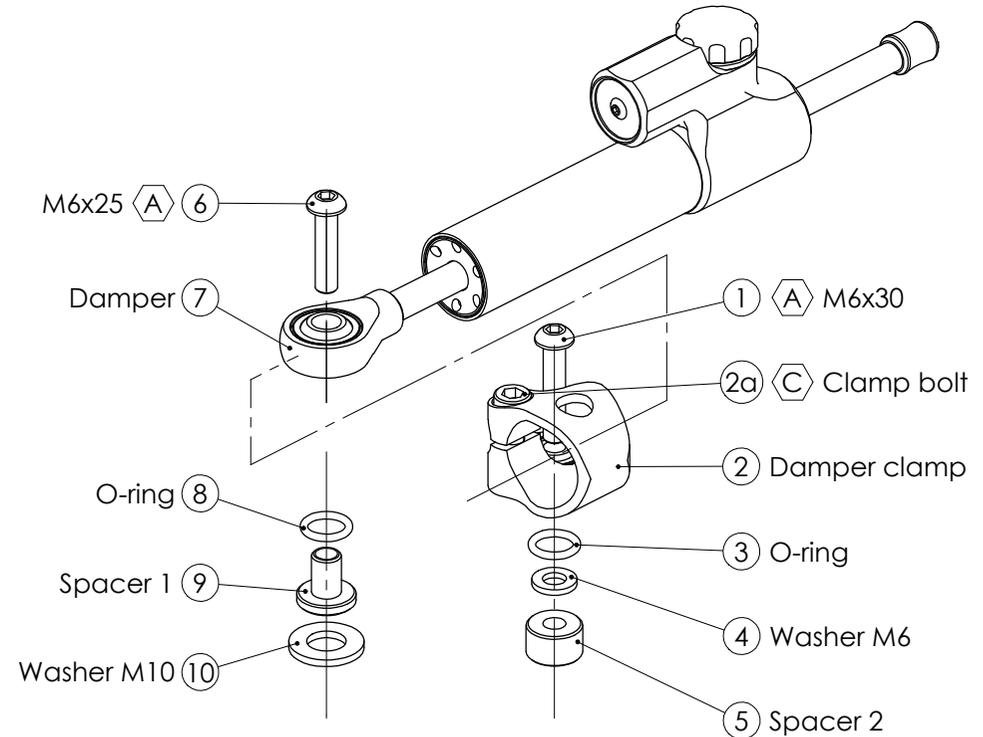
### Ducati DesertX Model 2022>

#### MK-DU09-0002 PART LIST

SD stroke 68 REVERSED	1	Washer M10	1
Damper clamp [MP-DB0009]	1	-	-
O-Ring 10x2	2	-	-
Spacer 1 [MP-SP0004]	1	-	-
Spacer 2 [MP-SP0011]	1	-	-
M6x25 Button head	1	-	-
M6x30 Button head	1	-	-
Washer M6	1	-	-

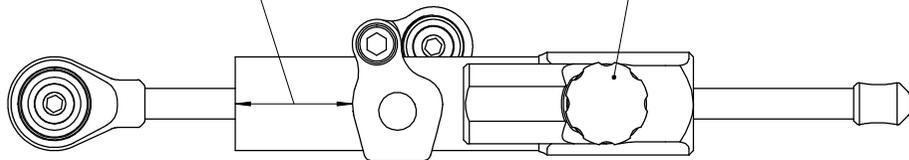
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### Step 1: Remove the original steering damper



Damping adjustment knob:  
- turn CW to increase damping  
- turn CCW to decrease damping  
AVOID USING MAXIMUM SETTING

Distance X = 31mm



* TORQUES	
A: 5-9Nm / 44-80Lbs.In / 4.0-6.4Lbs.Ft	D: 8Nm / 70Lbs.In / 5.9Lbs.Ft
B: 14-17Nm / 124-150Lbs.In / 10.3-12.5Lbs.Ft	E: 55Nm / 486Lbs.In / 40Lbs.Ft
C: 6Nm / 53Lbs.In / 4.4Lbs.Ft	F: Factory torque (see owners manual)

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## STEERING DAMPER MOUNTING KIT

for

### Ducati DesertX Model 2022>

## MK-DU09-0002 INSTALLATION INSTRUCTIONS

### In general:

HYPERPRO can not be held responsible in any way for any form of physical, material, financial or other damage arising from use, assembly or overhaul of HYPERPRO products. HYPERPRO reserves the right to make changes without prior notice.

This product is ONLY TO BE INSTALLED BY A PROFESSIONAL MECHANIC.

This product is only to be used for the motorcycle brand, model and year stated specifically on top of the pages of this manual.

DO NOT attempt to install this product on motorcycles from any different brand, model and/or year than stated on the pages of this manual.

DO NOT use this kit for cars, boats, jet skis, snowmobiles, ATV's, aircraft, hovercrafts or any other vehicle and/or purpose.

HYPERPRO steering dampers are FOR RACE USE ONLY, NOT FOR HIGHWAY USE!

### Before installation:

- Please read the entire manual carefully before starting the installation!
- Check if you have all the tools required. Good tools are a must.
- Protect your bike at the most important places in and around the work area (e.g. tank, fairing, frame, etc.), with a blanket, towel or similar.

### During installation:

- Check all operations and parts carefully before, during and after performing each step.
- Clean all surfaces that are required for fitting parts together or for applying self adhesives or loctite, thoroughly with contact cleaner or another degreaser, unless otherwise stated.
- Be carefull not to damage or scratch any part of your bike.
- ALWAYS work relaxed and concentrated!! It is very easy to damage something or make a mistake.

### After installation:

- Check and make sure that there is no contact between any part of the steering damper kit and any part of the motorcycle. The kit should not hit anything. Steering movement should not be limited by the steering damper. If the steering movement is limited, adjust the position of the tube in the clamp until steering movement is normal again. Do not forget to tighten the clamp bolt again!
- ALWAYS check the steering movement and feeling before each ride !
- FIRST RIDES: Start with the damper turned fully open (turn adjuster knob fully counter clockwise). Start adjusting in between rides with steps of MAX. 2 CLICKS (0.25 TURN) EACH TIME, until the damper is working satisfactory for your riding style.
- NEVER USE MAXIMUM SETTING, ALWAYS OPEN AT LEAST 2 CLICKS (0.25 TURN).
- WARNING ! DAMPER HAS AN ACTIVE / SPEEDSENSITIVE DAMPING SYSTEM;
  - Steering with NORMAL MOVEMENT should be FREE !!
  - Steering with FAST MOVEMENT should be CONTROLLED BY DAMPER !!
- HYPERPRO uses a special seal to reduce friction. The seal uses an oil film to work properly. It is normal that some oil can appear on the pistonrod.
- Damper works with oil: DAMPING CAN BE HARDER AT LOWER TEMPERATURES!

### Step 1: remove the original steering damper

Remove the original steering damper from the bike.

### Step 2: install the damper clamp

Install the clamp using:

- Bolt M6x30 button head (1)
- Damper clamp (2)
- 1x O-Ring (3)
- Washer M6  $\varnothing$  12 (4)
- Spacer 2 (D15 d6.2 L9) (5)

Put the assembly together as shown on page 1: Use the M6x30 bolt (1) to mount the damper clamp (2), O-ring (3), washer (4) and Spacer 2 (5) to the original mount in front of the tank. Tighten the bolt to a torque of approx. 5-9Nm/44-80Lbs.in/4.0-6.4Lbs.Ft.

### Step 3: install the steering damper

Install the steering damper using:

- Bolt M6x25 button head (6)
- Steering damper, stroke 68 REVERSED (7)
- 1x O-ring (8)
- Spacer 1 (9)
- Washer M10 (10)

Ensure that the clamp bolt of the damper clamp (2) is pointing forward. Shove the damper (7), with the eye mount first, through the clamp until it can be fitted to the original fork mount. Use the M6x25 bolt (6), O-ring (8), spacer (9) and washer (10), to mount the ball-joint to the tank bracket. Tighten bolt (6) to a torque of approx. 5-9Nm/44-80Lbs.in/4.0-6.4Lbs.Ft. Position the damper tube until the distance "X" stated on page 1 is reached, then tighten the M6 clamp bolt (2a) with a torque of approx. 6Nm/53Lbs.in/4.4Lbs.Ft.

Check if the damper does not touch anything when steering from left to right.  
Check if the bike can make it's full steering angle from left to right.