

for

MK-DU09-0001 PART LIST

SD S75 REVERSED	1	-	-
Tube clamp type3	1	-	-
O-Ring	2	-	-
M6x20 Low head	1	-	-
M8x25 Button head	1	-	-
Washer M6 ϕ 12	1	-	-
Washer M8 ϕ 16	1	-	-
-	-	-	-

Technical drawing of the rear suspension assembly. The drawing shows the damper ball-joint (7) and the distance 'X' between the damper and the rear axle. The distance 'X' is specified as 34mm.

DAMPING ADJUSTER KNOB:
 - turn CW to increase damping
 - turn CCW to decrease damping

Diagram illustrating the assembly components for the damper:

- ⑤ Washer M8 \varnothing 16
- ⑥ O-ring
- ⑦ Damper Ball-joint
- ⑧ M8x25

④ Washer M6 \varnothing 12

③ O-ring

② Tube clamp

A ① M6x20 low head
(apply Loctite)

— Clamp bolt (2a)  

**1
of 2**

A 5-9Nm / 44-80Lbs.In / 4.0-6.4Lbs.Ft

 6Nm / 53Lbs.In / 4.4Lbs.Ft

B 14-17Nm / 124-150Lbs.In / 10.3-12.5Lbs.Ft

HYPERPRO

STEERING DAMPER MOUNTING KIT

for

DUCATI MH900 evoluzione Model 2001-2002

MK-DU09-0001 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-skies, 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 careful 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 standard steering damper and damper clamp

Step 2: installing the tube clamp

Install the tube adapter using:

- Bolt M6x20 low head (1) + Loctite
- Tube clamp (2)
- O-ring (3)
- Washer M6 (4)

Put the assembly together as shown on page 1: Apply some Loctite or similar and place the bolt (1) through the clamp (2). Place the O-ring (3) and washer (4) and screw into the top yoke.

Step 3: installing the steering damper

Install the steering damper using:

- Washer M8 Ø 16 (5)
- 1x O-ring (6)
- Steering damper, stroke 75mm (7)
- Bolt M8x25 button head (8)

Shove the damper (7), from the right-hand side, with the ball-joint first, through the tube clamp until the ball joint (7) can be fitted to the standard M8 frame mounting hole.

Place the washer (5) and the O-ring (6) underneath the ball joint and use M8 bolt (8) to fixate the balljoint to the frame and tighten with a torque of approx. 14-17Nm/124-150Lbs.In/10.3-12.5Lbs.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 is level horizontally and aligned to the bike. Check if the damper does not touch anything (e.g. tank) when steering from left to right. Check if the bike can make it's full steering angle from left to right.

See WWW.HYPERPRO.COM for the latest pictures, modifications, specs. and e-drawings of this steering damper kit.