

HYPERPRO

STEERING DAMPER MOUNTING KIT

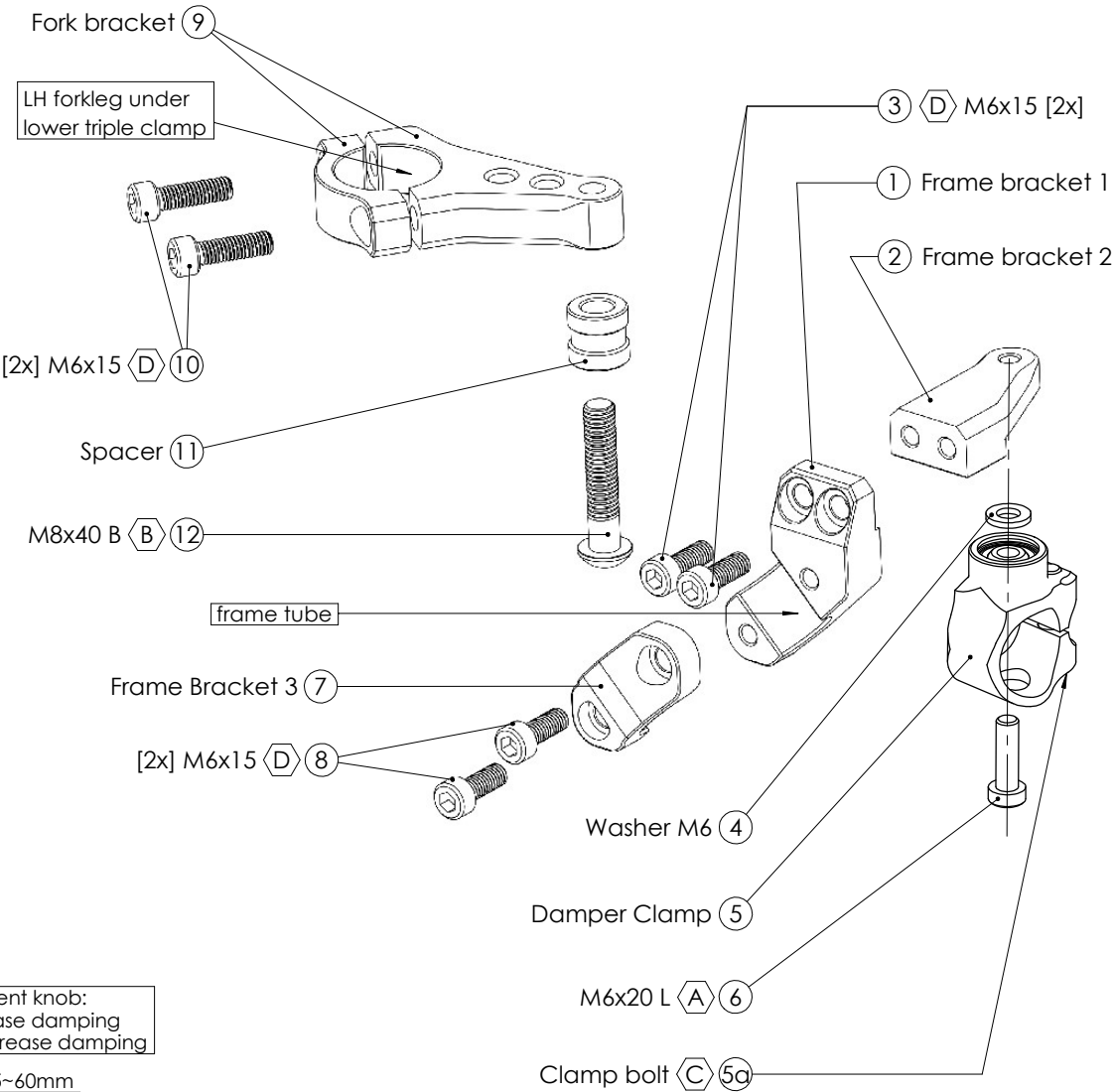
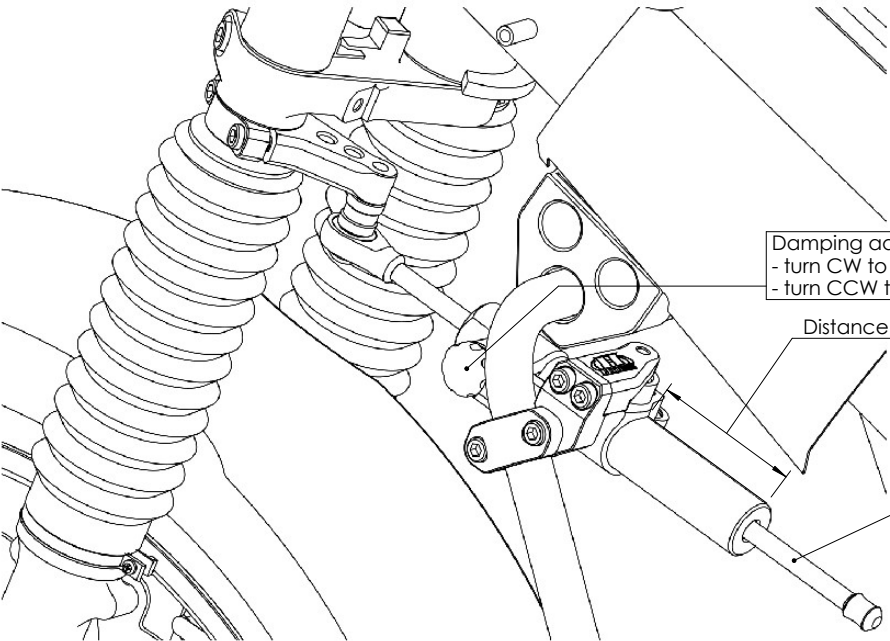
for

Honda CT 125
Model 2023-> [JA65]

MK-H001-S002 PART LIST

SD stroke 100	1	Bolt M6x15	6
Damper Clamp [MP-DB0003]	1	Bolt M6x20 Low head	1
Fork Bracket	1	Bolt M8x40 Button head	1
Frame Bracket 1	1	Spacer D15.5 d8.3 L15	1
Frame Bracket 2	1	Washer M6 Ø12	1
Frame Bracket 3	1	-	-

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* 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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MK-H001-S002 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 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: install and assemble the frame bracket

Assemble the frame bracket using:

- Frame bracket (1)
- Frame bracket (2)
- 2x Bolt M6x15 (3)
- Washer M6 Ø 12 (4)
- Damper clamp (5)
- Bolt M6x20 Low head (6)
- Frame bracket 3 (7)
- 2x Bolt M6x15 (8)

Use the M6x15 bolts (3) to mount the frame brackets (1 & 2) together. Tighten the M6 bolts to a torque of approx. 5-9Nm/44-80Lbs.In/4.0-6.4Lbs.Ft.

Install the damper clamp (5) to the frame bracket (2) using bolt M6x20 L (6) and washer (4). Tighten the M6 bolt to a torque of approx. 5-9Nm/44-80Lbs.In/4.0-6.4Lbs.Ft.

Mount the frame brackets (1) and (7) to the left crash bar as shown in the picture on page 1. Use 2x M6x15 (8) bolts and tighten the bolts to a torque of approx. 8Nm/70Lbs.In/5.9Lbs.Ft

Step 2: install the fork bracket

Install the fork bracket using:

- Fork bracket (9)
- 2x Bolt M6x15 (10)

Assemble the fork bracket (9) to the left fork tube and directly under the lower triple clamp, as shown in the picture on page 1. Use 2x M6x15 (10) bolts and tighten the bolts to a torque of approx. 8Nm/70Lbs.In/5.9Lbs.Ft

Step 3: install the steering damper

Install the steering damper using:

- Spacer d8.3 L15 (11)
- Bolt M8x40 button head (12)
- Steering damper, stroke 100 (13)

Shove the damper (13) with the knob-end first, through the clamp (5) until the ball-joint can be fitted to the fork bracket. Use the M8 bolt (12) to mount the ball-joint to the fork bracket (9) and tighten to 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 (5a) with a torque of approx. 6Nm/53Lbs.In/4.4Lbs.Ft.

Adjust the angle of the fork bracket (9) and the distance X so the damper can make its full stroke when steering from left to right, without limiting the maximum steering angle of the bike. Check if the damper does not touch anything when steering from left to right.