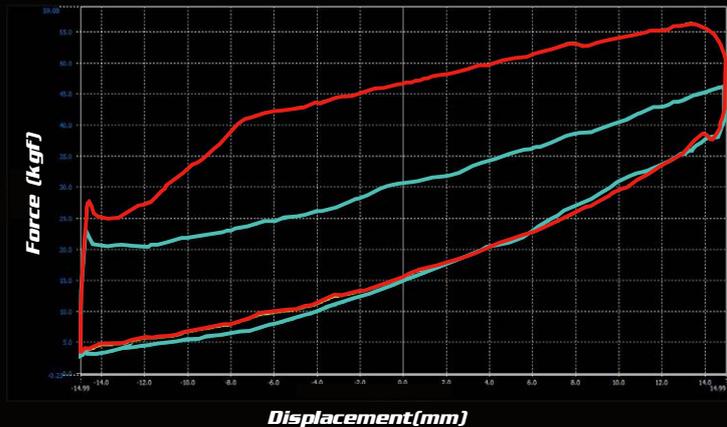




**Increase of 40%
compression damping force !**

 **Stock front fork**

 **With RacingBros Anti Dive System**



Anti Dive System Instruction manual

Top cap x2

Top cap washer x2
(For Honda Winner)

C-Clip (Stock part)

Preload adjuster x2

Spring spacer x2
(For Vario)

Fork spring x2

Damping valve x2



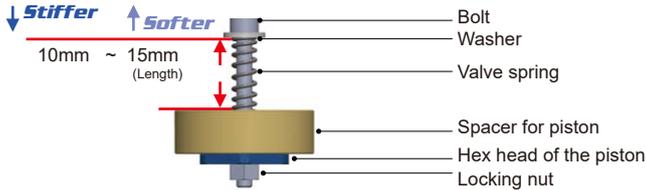
Installation

1. Set up the valve kit

Check the length of the valve spring:

Shorter spring length (more preload) will increase the compression damping force

Adjustable range



- The original length of the valve spring is 13mm.

2. Remove the stock parts & drop the valve kit



- Remove the stock top cap, C clips and fork spring.

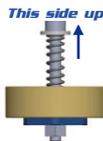
*Before removing the parts, make sure the fork is fully extended

*If there's a washer or a spacer in the steel tube, please remove it.



- Drop the valve into the steel tube.

*Before you drop the valve, make sure the direction is correct.

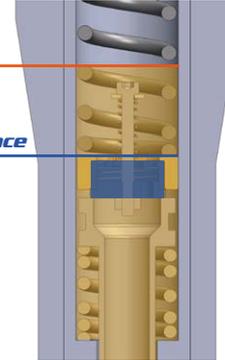


Check the position of parts

The level of the front fork oil must be higher than the valve when the fork is **fully extended**.

Fluid level

Damping valve surface



Front fork oil capacity(±2.5ml)

Model	Fluid capacity
Yamaha Exciter	60ml
Honda Vario	60ml
Honda Winner	90ml
Honda SH150i	120ml
Honda SH300i	170ml
Suzuki GSX-R150	200ml

3. Install & adjust the preload adjuster



- Drop the RacingBros fork spring into the steel tube and install the RacingBros preload adjuster body

*For Honda Vario, you have to drop an additional spring spacer.



- Tighten the RacingBros top cap.

*For Honda Winner, you have to put the top cap spacer.



- For now, you can set the preload with the allen key.

*Original preload:-2mm

*Adjustment range of the preload is about 0~12mm.