Installation Instructions

ZETA RACING F.F.Bottom Adjuster KYB AOS / SHOWA AOS

Thank you for purchasing our ZETA RACING product.
Please read this manual thoroughly before using this product to ensure proper operation.

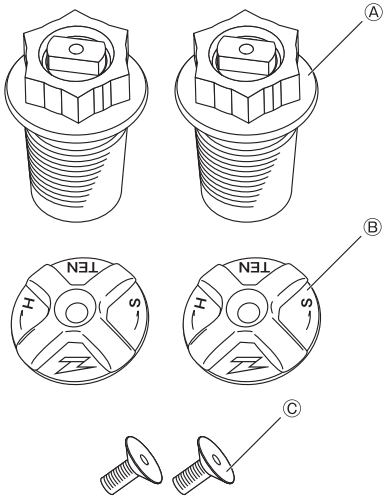
1.Important Note

- Special knowledge and skills are required for installation. Careless work may cause an unexpected accident or failure.
- If you are unsure about the procedure, consult or request assistance from a suspension professional.
- When removing or installing the suspension to/from the bike, refer to the service manual issued by the bike manufacturer and perform the work accordingly.
- If any defect is found, stop work and contact us.
- Do not process or modify this product. It may cause an accident or damage.
- Wear safety glasses or other protective equipment during the work, and take care to avoid injury.

2.Set Contents

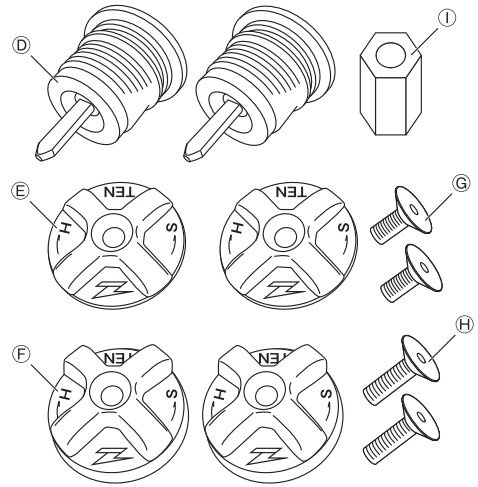
Set Contents (KYB)

Ⓐ Adjuster Body (KYB)	2ea
Ⓑ Dial (KYB)	2ea
Ⓒ Dial Mounting Bolt (KYB)	2ea



Set Contents (SHOWA)

Ⓓ Adjuster Body (SHOWA)	2ea
Ⓔ Dial〈Low Type〉(SHOWA)	2ea
Ⓕ Dial〈High Type〉(SHOWA)	2ea
Ⓖ Dial Mounting Bolt〈Low Type〉(SHOWA)	2ea
Ⓗ Dial Mounting Bolt〈High Type〉(SHOWA)	2ea
Ⓘ Dedicated Assembly Tool	1ea

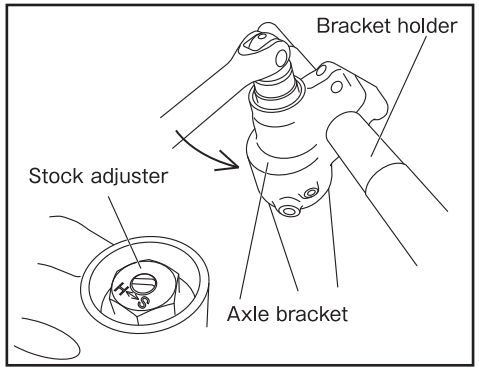


3.Installation

1) Remove the front forks from the bike.

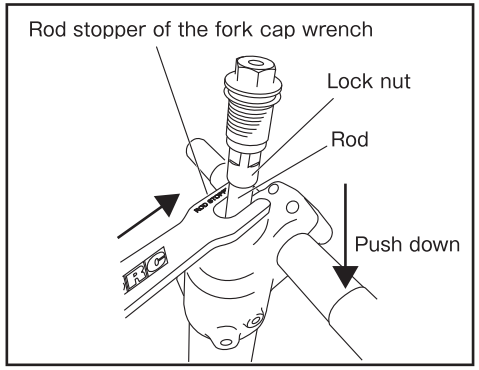
2) Before removing the stock adjuster, use a flathead screwdriver to record the current adjuster click setting.
*Turn the adjuster clockwise until it stops, and record the number of clicks from the fully tightened position.

3) Remove the stock adjuster from the axle bracket.〈☆〉



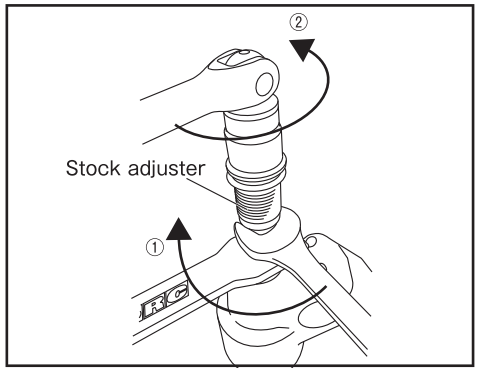
4) Push down the axle bracket, then insert and secure the rod stopper of the fork cap wrench under the protruding lock nut.〈☆〉
[Reference] DRC PRO Fork Cap Wrench
(KYB)
Part No.: F8168 / OEM Part No.: D59-37-170
(SHOWA)
Part No.: F8169 / OEM Part No.: D59-37-171





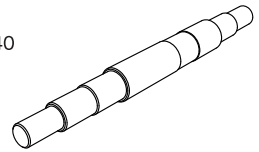
5)① Loosen the lock nut, then ② remove the stock adjuster from the rod.

6) Check that the lock nut is lowered all the way down. If it is not, push down the axle bracket again and lower the lock nut completely.

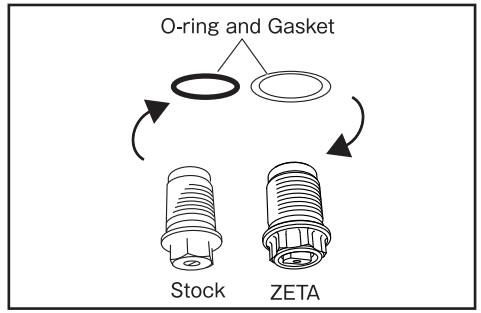


Using the bracket holder makes the procedures marked with 〈☆〉 easier and smoother. The work can also be performed without a vise.

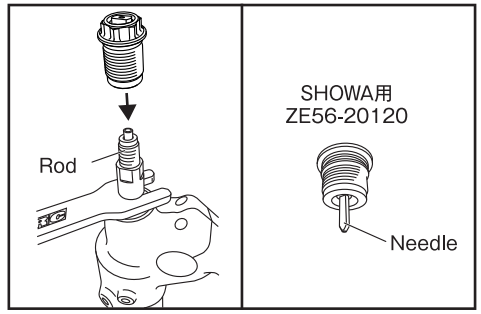
[Reference] ENZO × DRC Collaboration Tool Bracket Holder
Part No.:F8197
OEM Part No. : ED59-37-240



7) Transfer the gasket and O-ring from the removed stock adjuster to the ZETA bottom adjuster.



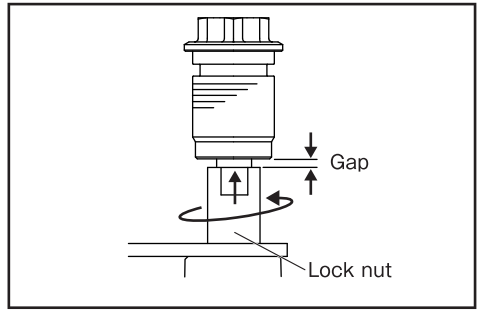
8) Install the ZETA bottom adjuster onto the rod.
* For SHOWA models, install the adjuster so that the needle tip matches the shape of the mating push rod.
* When installing onto the rod, be sure to tighten it by hand until it stops.

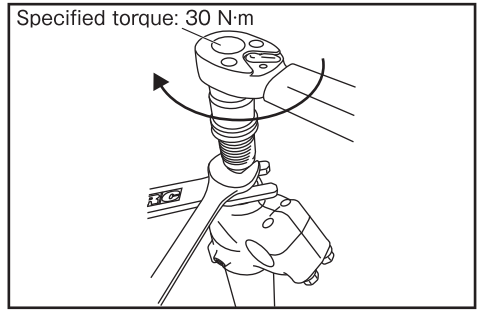


9) After tightening the adjuster body by hand until it stops, be sure to confirm that there is a gap between the adjuster body and the lock nut.
* If the adjuster body contacts the lock nut before it is fully tightened onto the rod, the overall fork length may change after assembly.

10) Using a wrench, tighten the lock nut until it contacts the adjuster body.

11) Apply a torque wrench to the adjuster body and tighten to the specified torque.
* Specified torque: 30 N·m
* For SHOWA models (ZE56-20120), use the supplied dedicated assembly tool when tightening.





12) Push down the axle bracket and remove the fork cap wrench. 〈☆〉

13) Tighten the adjuster to the axle bracket to the specified torque. 〈☆〉
*Specified torque: 60 N·m

14) Referring to the information below, set the dial to the click position recorded before disassembly.

【Click Position Adjustment】
For KYB models (ZE56-20110), the dial is designed with 6 click positions per full rotation to allow finer adjustment. If the stock adjuster has 4 click positions per full rotation, refer to the table below and adjust the dial to the position closest to the click position recorded before disassembly.

〈4 click positions〉

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

〈6 click positions〉

15) Install the front fork onto the vehicle.

16) Set the dial onto the adjuster body and secure it using the dial mounting bolt.
*To prevent the dial from falling off, apply medium-strength threadlocker to the dial mounting bolt before installation.
*For SHOWA models (ZE56-20120), select either the low type or high type dial according to your preference.



Low type



High type

