

Dear valued customer:

Hello! Thank you for choosing high-end Fastace suspension! It will be your trustworthy partner!

In order to control your vehicle freely, and to enjoy a more comfortable ride that Fastace shock absorber bring for you, please read this manual carefully before using it, and please keep it properly in case if you need it.

Fastace is aim to provide you with more high-end patented suspension and good services.

We sincerely hope you could give us your valuable opinions and suggestions on the design, quality, experience and performance of the products.

This manual includes the part name of the shock absorber accessories, product characteristics, method to adjust damping, maintenance precautions, and warranty precautions.

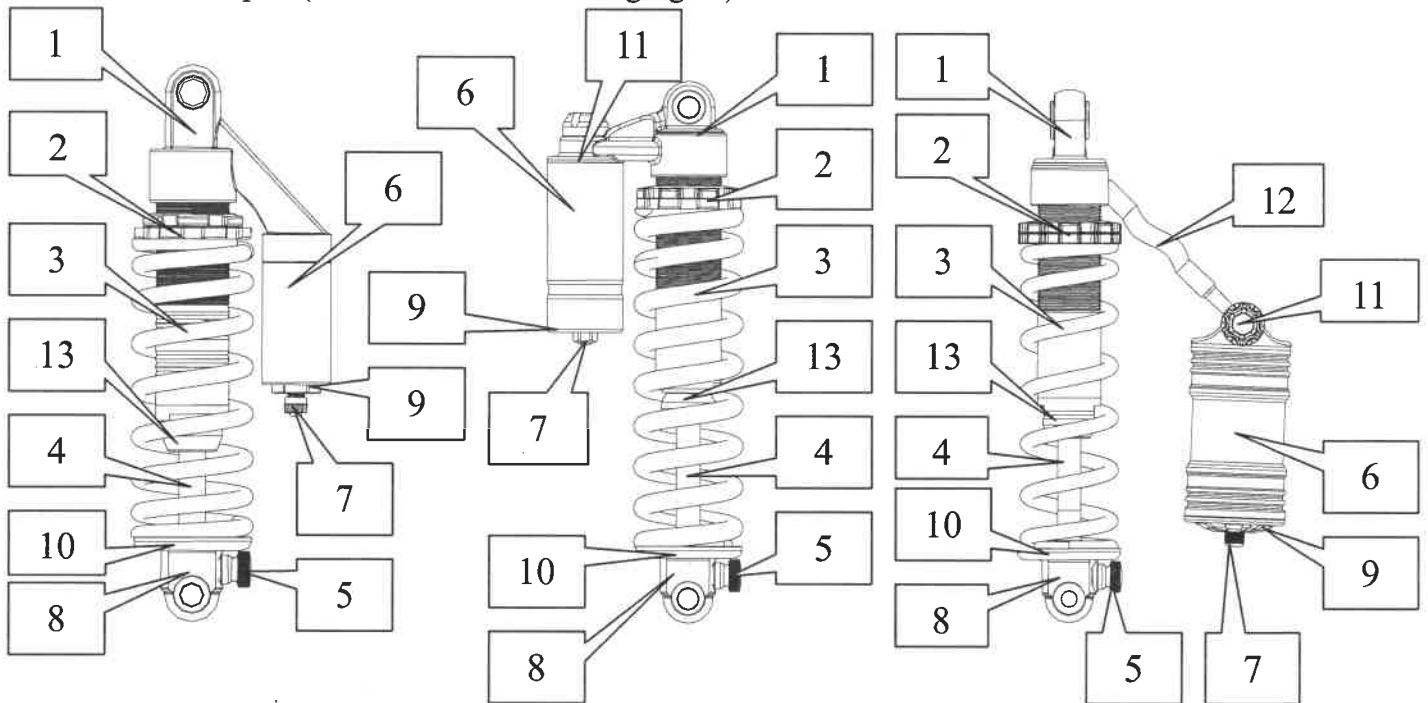
Our company will continue to research and improve the performance of products, reward our customer with the best quality products.

Some pictures in the manual might be different from the actual products. Please make the object as the physical product.

OUR PESPONSIBILITY

IS TO MAKE YOU SATISFIED

I、Name of the part (as shown in the following figure)



Model: BDA51AR

Model: BDA53RC

Model: BDA52RCL

- | | | | |
|---------------------|----------------------------|-------------------------|---------------|
| 1. Upper mount | 2.Spring pre-load adjuster | 3.Spring | 4.Piston rod |
| 5. Rebound adjuster | 6.Reservoir | 7. Air valve | 8.Lower mount |
| 9. Reservoir cap | 10.Spring holder | 11.Compression adjuster | 12.Hose |
| 13. Bump stop | | | |

II · Characteristics:

1. The product is a coil spring shock absorber, the oil and air is separated.
2. To meet the seismic requirements of various complex road conditions, we have different settings for your choice: the external or built-in reservoir, spring preload, rebound and compression damping adjustment.
3. Fastace suspension can make you ride freely, and easily improve the control limit with comfortable experience; no matter you need to ride on a professional track or a narrow bumpy track. It makes your riding life enjoyable.

III · How to adjust your shock absorber:

1. Pre-load:

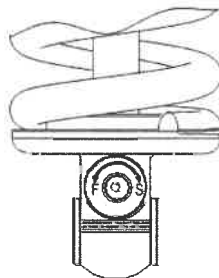
It is very important to adjust the spring preload! Too large or too small settings might affect your riding experience.

- (1) After the shock absorber installed, push the bump stop the bottom of the main tube.
- (2) Let the both wheels on the ground.
- (3) Ride on the motorcycle in a normal sitting position.
- (4) Get off the motorcycle and check the distance of the bump stop being pushed back, that is the spring preload distance we have.
- (5) Correct preload of the normal spring is about 10-15mm.
- (6) If the preload is insufficient (the bump stop is pushed back over 15mm), please use the adjusting wrench to hold the adjusting nut first, then turn the adjusting nut downward to increase the spring preload. After adjustment, go back to step (3) and then measure it again. If the preload is too much (the distance of the bump stop moves less than 10 mm), turn the adjusting nut upward until the preload distance maintain in about 10-15mm.

2. Damping adjustment:

- (1) Adjust the rebound damping (as shown in the figure below):

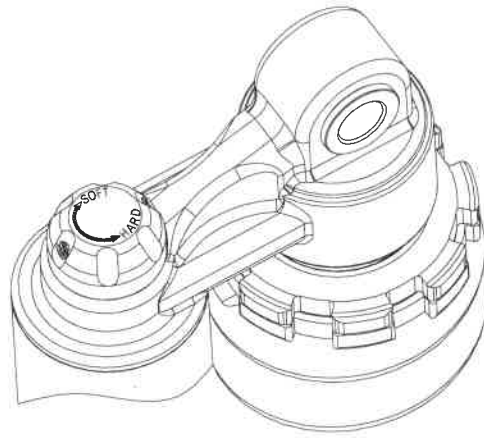
Hold the rebound adjuster and rotate by hand or screw driver. First, turn the adjuster counter clockwise to make the minimum damping, i.e. rotate in the direction to "F" (fast), and then finally it is the weakest damping of rebound you have. If you rotate in the direction of "s" (slow), it will increase the rebound damping. Please just rotate it to the setting you like. The range of damping is about 8 "clicks". The 8 clicks mean 8 different level of the rebound damping. **DO NOT OVER ROTATE** the adjuster, or it will be broken from inside.



- (2) Adjust the compression damping (as shown in the figure below) :

Hold the rebound adjuster and rotate by hand to adjust the compression damping of the shock absorber. Turn clockwise to direction "hard" to increase the resistance (damping) when it is compressed. When turn adjuster in the counter clockwise, to "soft" direction, the feeling resistance will decrease when it is compressed. The

adjustment range is 18 clicks. DO NOT OVER ROTATE the adjuster, or it will be broken from inside.



3. Fine tune the shock absorber:

(1) Rebound: Generally, if you feel bumping and unstable when riding motorcycle, the rebound might be too fast. But if make it too slow, the height of motorcycle might be too low, and feel tough when riding on bumping road. The better setting is to make the shock absorber to do fewer moves like fast and persistent rebound.

(2) Compression. If you feel that the shock absorber compress too fast or it is easy to use all of the travel during riding, you can try to turn the compression adjuster in clockwise to increase the damping until you feel stable when riding.

4. DO NOT CHARGE the reservoir yourself:

The product has been adjusted the air pressure by professional technician when it leaves the factory. Since the shock absorber is filled with high pressure nitrogen, it is dangerous to adjust it yourself. So, please do not make any adjustment without permission. For your safety, we strongly recommend that to adjust it only by professional technicians.

IV. Warranty and VOID: (China only)

1. Terms of warranty:

(1) Within ONE year after the shock absorber is purchased (according to the date recorded in the invoice for the shock absorber), if it is confirmed as a material or process defect by Fastace, the customer shall choose to repair or replace the goods free of charge, but need to provide the receipt and pay the freight to the factory in advance.

(2) Any defective product, as long as it meets the quality assurance terms, can be sent to (freight prepaid) an authorized dealer or Fastace after-sales service center, and please provide a copy of receipt with the products. Please also leave a note which indicates your address, name, purchase date and most important, the things you want Fastace to help.

(3) This warranty is valid ONLY for the original buyer, not for third parties.

2. Void of Warranty:

(1) Bike accidents, improper change or use, improper maintenance or assembling, fitting illicit parts, etc., FASTACE won't provide warranty.

(2) Stunt riding, extra rough road riding, or natural aging/wearing of product, FASTACE won't provide warranty.

(3) FASTACE doesn't provide warranty for oil, lubricants, seals of oil, seals of dust, and gliding sleeves.

3. Precautions:

(1) Repair / inspection: In case of failure, if it is sure that you have the enough ability and the right tools, you could repair / inspect the shock absorber by yourself. If not, please contact with the authorized service center, and let us to do that part by the professional technician. Otherwise, wrong operation or maintenance may cause danger, even explosion from inside.

(2) Maintenance: Before your long time riding, please let technicians or veterans to check your suspension for any oil leakage, tubes cracks and deformation, etc. Please consult with the retailer or authorized Fastace sales representative to make you a check time-table or schedule. Frequent maintenance is required for a frequent riding for sure. If there is any deformation on tubes, no matter how slight it is, please contact with the retailer or authorized Fastace maintenance center and check the suspension immediately.

(3) Cleaning: Please use neutral soap water or detergent with soft cotton cloth when cleaning Fastace shock absorbers. Do not use flammable or corrosive solvent; do not use metal tools or any sharp stuff to clean. If necessary, you could use a corresponding cleaner that would not harm the seals. If you have any questions, please consult your dealer or Fastace after sales service..

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