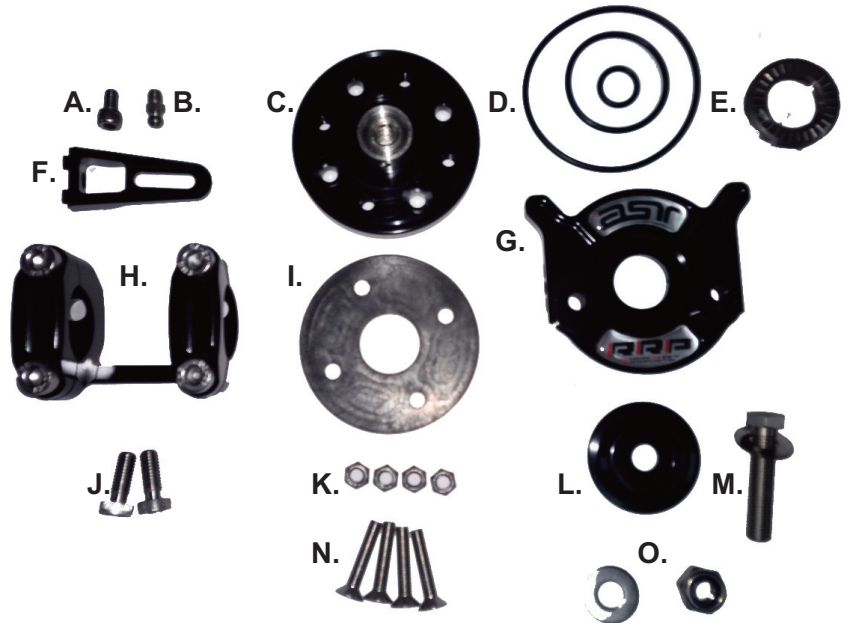




Part# STR-SYST-17-COLOR
 RRP Lightweight Steering System
 28.6 (FAT) Handlebars

RRP has developed a new evolution of the AST steering system. This new over the pivot steering system is adjustable, this system allows for the handlebars to be directly over the pivot bolt or 5/8" back from the pivot point. This system will allow you to make steering adjustments without having to remove the handlebars. The steering system base plate will allow for the four mounting bolts to be installed from the top and secured with nylon nuts or mounted from the bottom based on the base plate has been manufactured with threads for mounting. The system uses the RRP orings, bearings and grease zerks fitting from the AST steering system. The steering arm mounts the turn plate and can be mounted on either side depending on your application.

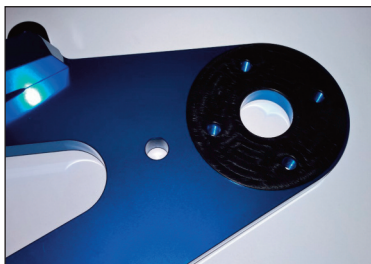


Installation Instructions:

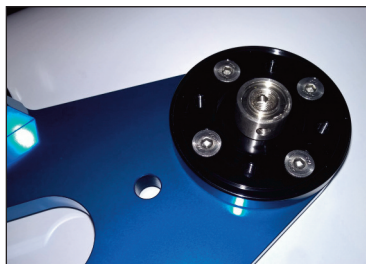
Red Loctite is recommended on all hardware in this steering system during assemble and installation

1. Install the rubber steering base gasket (I.) on the pole base and align with handlepole mounting holes
2. Install the steering system mounting base (C.) using the four M6 x 25mm flat head bolts (N.)
3. Install the M6 nylon nuts (K.) on to the four M6 x 25mm flat head bolts (N.) and tighten securely
4. Grease (Use a low viscosity synthetic marine grease) the washers (4) and bearings (2) (E.)
5. Install one washer onto the steering shaft on (C.) then one bearing and then one washer
6. Grease the large oring (D.) and install in the steering system mounting base (C.) groove
7. Install your steering plate (G.) on to the steering shaft. The AST and RRP logos face will be facing up.

Step#1



Step #2



Step #3



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Installation Instructions Continued...

8. Install one washer onto the steering shaft on (C.) then one bearing and then one washer
9. Grease the small oring (D.) and install in the groove on top of the steering shaft
10. Grease to the medium o-ring (D.) and install into the bearing cap (L.)
11. Install the bearing cap (L.) on top of the steering shaft, make sure the oring does not come out of the groove
12. Screw the steering system bolt with one washer (M.) threw the bearing cap (L.), and the mounting base (C.) Tighten the bolt to your desired feel and tension, and then lock the underside of the bolt with the M10 nylux lock nut and washer (O.) *Note once fully assembled final adjustments can be made quick and easy.*
13. Determine which side your steering cable is on and install the steering arm (F.) using the allen head bolt (A.) The arm can be mounted with the slot up or down depending on your application.
14. Install the grease zerk fitting (B.) on the opposite side of the steering arm
15. Installing the bar clamp assembly (2 options)
Option #1 OVP "Over the pivot", mount the bar clamp (H.) with the cross bar closest to the AST logo
Option #2 "Rear bar position" mount the bar clamp (H.) with the cross bar closest to the RRP logo
To mount the bar clamp (H.) use the 2 low profile allen head cap bolts (J.)
16. Install your RRP Fat 28.6mm handlebars and tighten the 4 bar clamp bolts evenly at 8 lb-ft torque.



If using the AST protection pad, the legs of the pad are sliding in between the top and bottom clamp using a different tightening procedure.

First, tighten the 2 AST pad bolts side at 8 lb-ft and then the other 2 with the same torque.

WARNING: Over tightening the bolt can result in damaging the top clamp.

RRP recommends the steering system to be checked and to grease the steering system every 10 hours of operation. When adding grease you must turn the steering system slowly to apply grease evenly in the system and once you see the grease coming out from under the seal this indicate that the system is full of grease.

Warning: Don't apply too much pressure when installing grease to avoid blowing out the o-ring.

This steering system can also be mounted from the bottom of the pole using the threaded holes in the steering system mounting base (C.), mounting hardware for this installation option is not included. The system can be mounted using button head bolts or machining the pole to accept angle head bolts. For billet and Lite poles the threads in the pole will need to be drilled out to allow for the proper installation. The length of the bolts must be checked to insure they do not touch the steering plate. The rubber steering base gasket (I.) is required on all installations

Step#7



Step #11 and 12



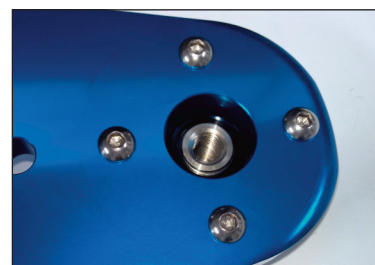
Step #13 and 14



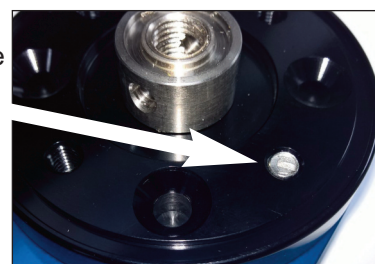
Step#15 option #2



Bottom Mount



Bottom



For further assistance, please contact us at www.Rickter-RRP.net

DISCLAIMER: RRP shall take no liability for incidental, consequential or special damages or injury to persons or property from any cause arising from the sale, installation or use of this product.