

# PRIMO BELT DRIVES

DESIGNED TO FIT, ENGINEERED TO LAST!

## ADJUSTMENT INSTRUCTIONS FOR PP-CSL-1

Congratulations on purchasing Primo's new "Sure-Lok" clutch head. Primo's new "SURE-LOK" clutch head is designed for use with Primo's existing Brute IV 3" and Brute V 3.5" electric start basket and clutch assemblies. The head is CNC machined from 6061-billet aluminum and black anodized. It is infinitely adjustable relative to the pressure plate allowing for the addition of various size brass weights to be attached to the slinger arms to adjust lockup function. The more weight added to these arms, the earlier lock up occurs and total lock-up pressure increased. Enough weight must be used to overpower the force springs.

Start by setting the pre-load of the four outer springs to .100" (measure from where the nut and washer contact the spring to the face of the plate). Then adjust the spring tension on the four center pressure plate springs until the clutch lever attitude is to your liking. Finally, add weight to the slinger arms and back off on the outer springs until you reach a happy medium between slip and lock-up. This will be dictated in part by the gear ratio of the bike. It may also be necessary to alternate the clutch friction discs between Kevlar and sintered bronze.

NOTE: On both Brute IV & V, two fiber plates and two .080" steel plates must be removed!

NOTE: Less weight and less spring equal less vibration.

### Static Adjustment

To add static add shims between adjuster nut & outer spring seat.

To reduce static add shim on clutch hub stud.

(Static adjustment is usually only for the first 10-20 feet of the race track. After that you would let out the clutch.)

### Lock-up Adjustment

After getting the static adjustment close, add weight to lock-up arms until desired lock-up is achieved.

### Force Spring Adjustment

More pre-load on force springs equals later lock-up. Less pre-load equals earlier lock-up.

Remember: changing any adjustment will alter every other adjustment as with all lock-up units.

### Static Spring Tech

.105 Wire Diameter

.585 I.D

.805 O.D

1.165 Free Length

.730 Coil Bind

### Force Spring Tech

.105 Wire Diameter

.385 I.D.

.595 O.D.

1.165 Free Length

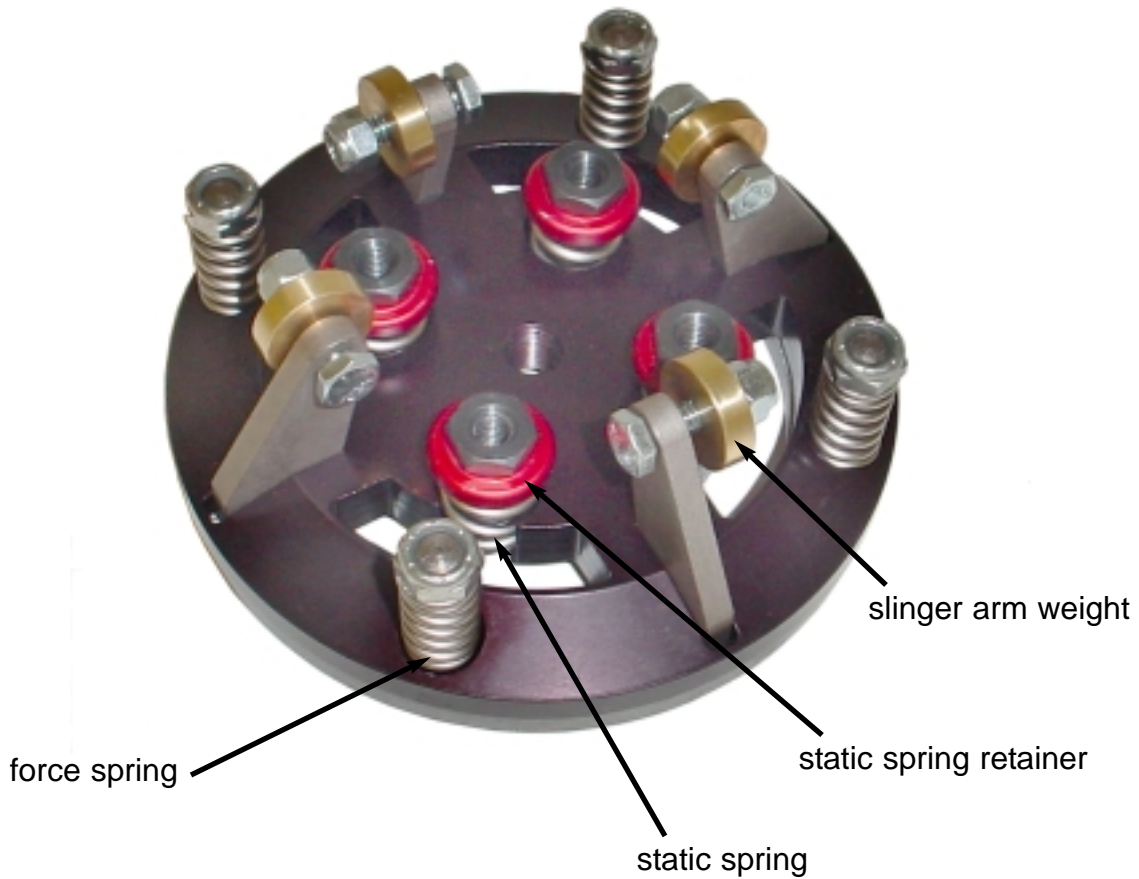
.730 Coil Bind

This product is intended for race applications only. Proper safety guards and covers must be used to protect rider from the slipper head. **This product is not for street use.**

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**[www.riveraengineering.com](http://www.riveraengineering.com)**

# PP-CSL-1 LOCK-UP HEAD



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