



J2 TECHNICAL ARTICLE

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From Octagon Heaven

Source - unkown

Thanks Larry Lee

ADDENDA TO PAIR OF ARTICLES WRITTEN ON VERTICLE DIVE ASSEMBLE

(do not know where are pair of articles are)

If the Upper and Lower forks (yoks) are not absolutely mirror images of each oter, and dimensionally ballanced, no matter how carefully you line things up, the vertical drive mechanism will self-destruct tather quickly.

The 1/4" bolt holes in the forks must not only be equidistant from the center of the forks, but must line up perfectly with the holes in the flexible coupling ring. Further, the forks must be exact mirror images of each other so that coupling ring rotates absolutely horizontally and without any wobble.

Clamp a 1/2 twiat drill (but upwards) in your vise. Slide the two forks and coupling ring onto the drill as show. When you can drop all 4 bolts through both forks and the coupling ring without the slightest forcing, regardless which fork is opposite which hole, and when the assembly will rotate with no ring wobble, you know the adjustments are perfect. Don't forget that when you fit the forks in the car, it may be necessary to inset shim washers between a fork and the ring so as to adjust for any extra distance between forks. Use SAE washers if you can find any.

To make the forks ballanced you must perform a rain dance of squeezing, hammering, and cussing; but its a necessary as cooking calves liver before eating. (Ugh)

(sketches on back side)