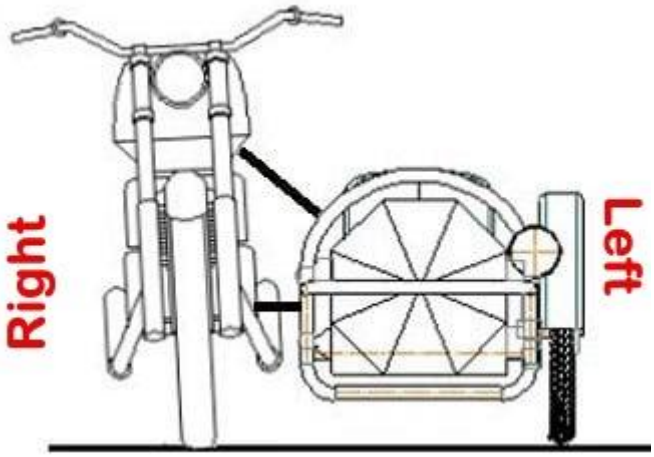
CJ650B700B/5.5

SERVICE BULLETIN – Sidecar camber adjustment

To allow for neutral tracking of a sidecar outfit, a certain amount of lean out (away from the sidecar) is required to compensate for the inertia of the sidecar and reduce pulling to either the left or right.

Generally, the greater the load in the sidecar, the higher the speed travelled and the greater the camber of the road, the greater the amount of lean-out required. Lean out adjustment will usually vary between 0 and 2 degrees.



Steps to follow

1) Place the outfit on a level floor area.

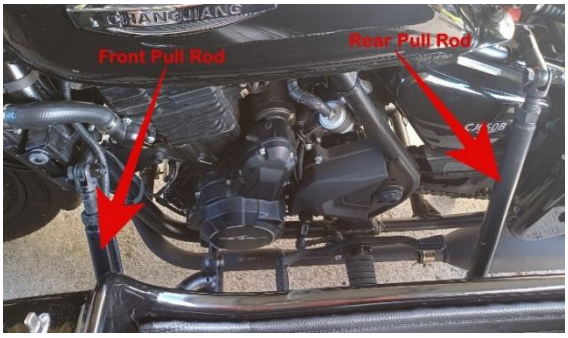
2) Adjust tyre pressures – Front and sidecar = 2.2bar (32 psi) and Rear =2.4 bar(35psi)

3) Measure the amount of lean out using an inclinometer on the swingarm.

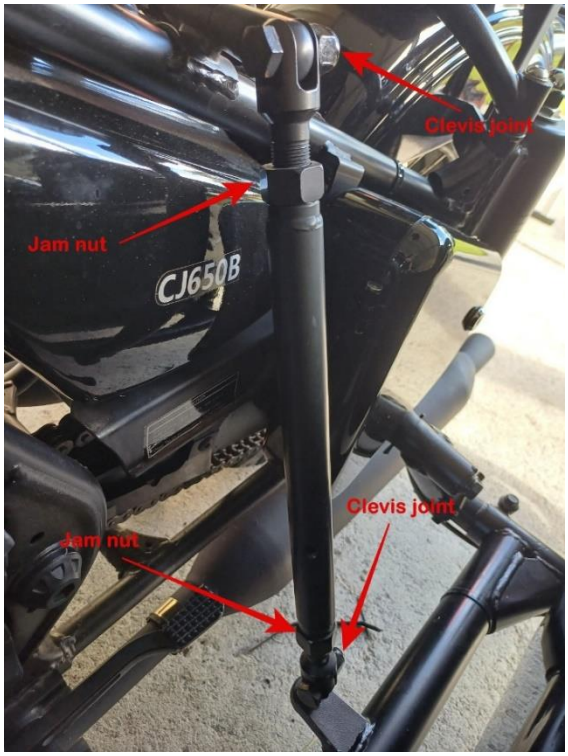


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4) Adjustment for lean out is made by extending or reducing the length of the front and rear Pull Rods by turning the center turnbuckle. To increase lean out rotate the turnbuckle **clockwise** and to reduce turn it **anti-clockwise**.



5) Loosen all 4 Jam nuts, and 4 the clevis mounting bolts on the front and rear pull rods. **<u>Do not remove</u>** the rear pull rod upper or lower clevis mounting bolts.



6) **Note:** It is possible to adjust the lean by only loosening the clevis attaching bolts enough to allow slight movement in the joints when adjusting, however care must be taken to ensure that stress is not place on the frame by adjusting the pull rods unevenly. If you want to be sure that no stress is being placed on the frame you can remove the front upper pull rod clevis bolt.



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7) Turn the rear pull rod center turnbuckle to lengthen or shorted the pull rod as required. Monitor the inclinometer until the desired lean out is indicated. Tighten the rear pull rod clevis bolts and the Jam nuts.

8) Adjust the front pull rod so that the clevis hole in the pull rod lines up with the clevis hole in the frame mounting.



9) Refit the front clevis bolts and tighten all clevis bolts and Jam nuts.

10) Ensure all bolts are tightened, road test and then re-adjust if required. Guideline tightening torques are:

- **Pull Rod Attachment Bolts: 40 Nm to 50 Nm**
- **Jam / Lock Nuts: 50 Nm to 60 Nm**

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