

Checking and Adjusting Angular Position of Torsion Bars

13 ST

Checking

1. Remove left suspension arm

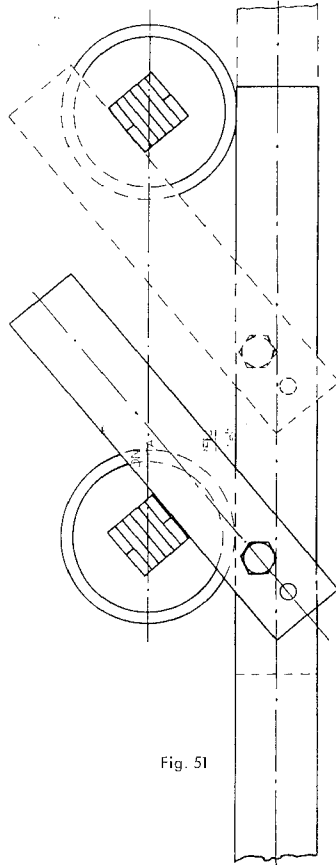


Fig. 51

2. Check angular position using homemade gauge (see fig. 52)

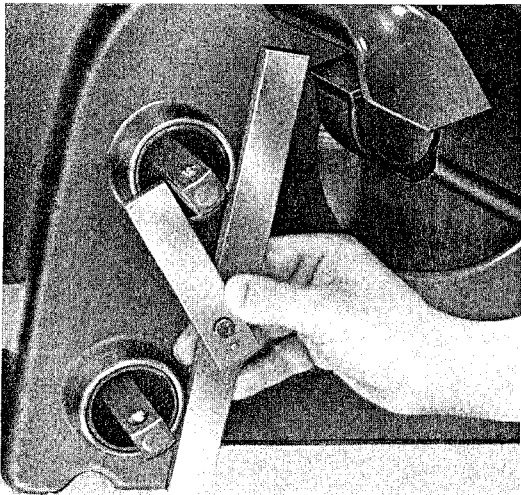


Fig. 52

Sketch how to make gauge for checking torsion bar adjustment

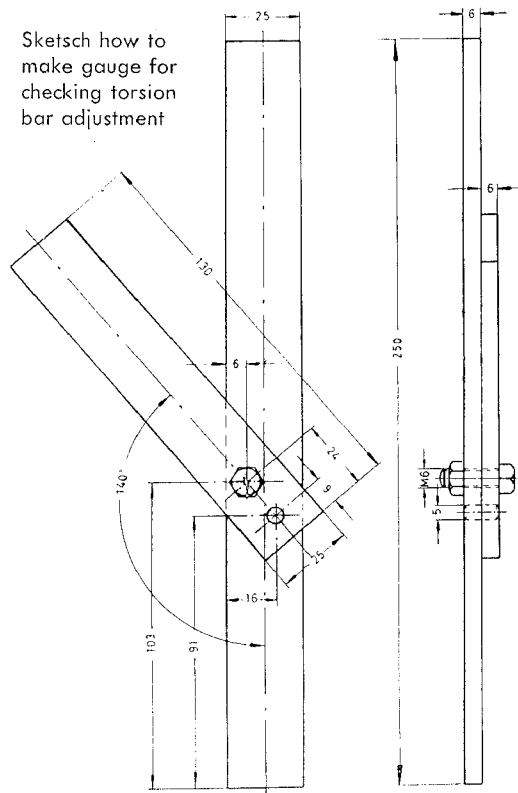


Fig. 53

Adjustment

1. Remove left suspension arm
2. Remove right stub axle
3. Loosen lock nut of retaining screw for torsion bar in the center of the axle tube
4. Loosen retaining screw with allen wrench (8 mm)
5. Loosen lock nut on threaded set pin
6. Correct torsion bar adjustment by turning threaded set pin, using allen wrench (8 mm)
One full turn corresponds to an approximate angular correction on the torsion bar of $2^{\circ} 50'$
7. Check angular position, make sure that the adjustment stop makes contact with the threaded set pin
8. Tighten retaining screw and press adjustment stop against lock nut