

REAR WHEEL SUSPENSION

General

The rear wheels are independently suspended. The splined ends of the torsion bars fit into a splined socket which is welded to the central chassis tube. The rubber mounted trailing radius arms are connected to the splined outer ends of the torsion bars. The axle

tube flanges are bolted to the trailing ends of the radius arms. Suspension adjustment is accomplished by engaging the desired splines of the torsion bars. The suspension is controlled by double acting adjustable shock absorbers.

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Removing and Installing Torsion Bars

(See also group W, Wheel Alignment)

Special Tools:

P 53 Radius arm compressor

Removal

1. Hoist car and support on level dolly. Remove rear wheels.
2. Lift radius arm with tool P 53 until the shock absorber is free.
3. Remove shock absorbers and release holding clamps for brake hoses from axle tubes.
4. Remove three bolts from bearing flange on axle tube. The buffer bracket is fastened to the two upper bolts.
5. Move axle tube rearward out of radius arm.
6. Remove special tool P 53.
7. Remove bolts from radius arm cover and remove cover.

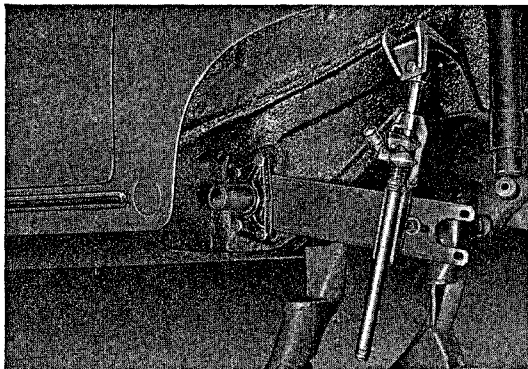


Fig. 134

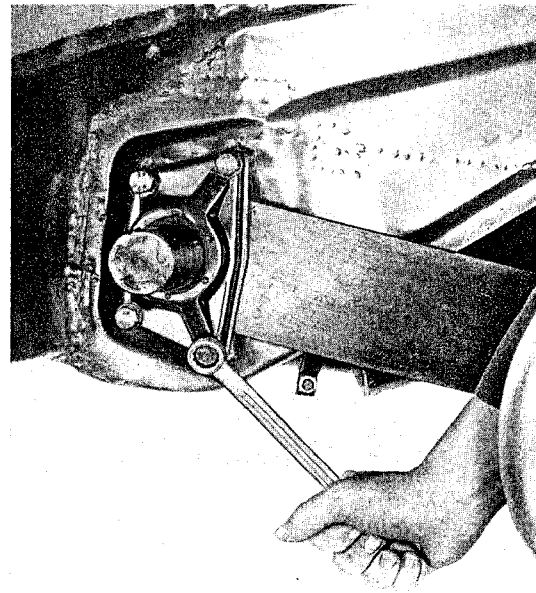


Fig. 135

8. Remove rubber bearing.
9. Remove radius arm and inner rubber bearing.