

## Removing and Installing Shock Absorbers

### Special Tools:

P 53 Radius arm compressor

24 RA

### General

For proper suspension and road holding, shock absorber adjustment is next in importance to the radius arm adjustment.

### Maintenance

Shock absorbers require no maintenance. A slight loss of fluid does not necessitate replacement of the shock absorber since small losses are replenished from an internal oil reservoir.

### Testing

The shock absorbers are double acting and are designed to match the suspension characteristics of the car. Therefore changes in adjustment are not recommended. An operational check can be made by manually bouncing the car up and down. The car should return to the neutral position without passing it. A road test is also effective. Exact testing requires special testing machines. Hand operation can merely indicate whether a shock absorber is working and gives no indication of its effectiveness.

### Removal

1. Jack up car.
2. Raise radius arm using tool P 53 until shock absorber is free.
3. Remove shock absorber mounting nuts.
4. Remove shock absorber.

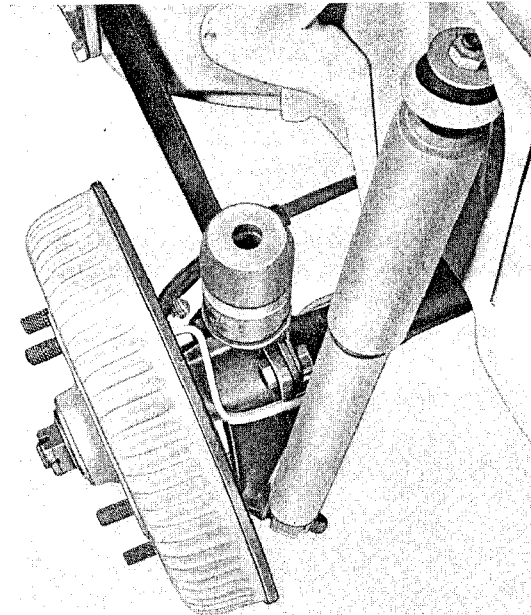


Fig. 138

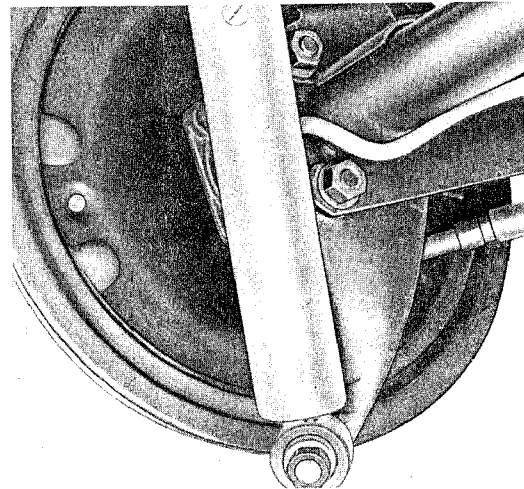


Fig. 139

### Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Check shock absorber for proper operation. If necessary replace, observing the instructions given in paragraph (17 ST).
2. Check bushings and rubber mounts for wear. Replace if necessary (18 ST).