

# REMOVING AND INSTALLING ENGINE

1 EN

**Special Tools:** P 35a Gauge for adjusting clutch release bearing before installing engine.

## General

Depending on the equipment available in the repair shop there are various ways of performing the operations of jacking up, supporting the car, and removing the engine, so that the work is accomplished in the simplest manner. Suitable equipment includes a vehicle hoist, a dolly, crane, hydraulic jack, etc.

Fig. 24 shows the engine being removed by means of a hoist and portable jack.

The following sequence should be observed in order to remove and install the engine.

## Removal:

1. Disconnect battery cables.
2. Close fuel tap.
3. Open rear hood.
4. Disconnect heater control linkage.

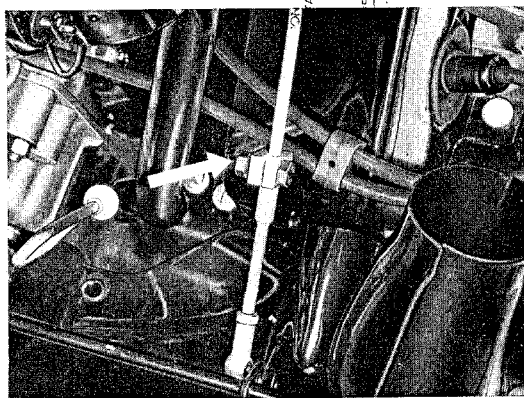


Fig. 18

5. Remove engine rear cover plate.
6. Disconnect lead from oil temperature sending unit.

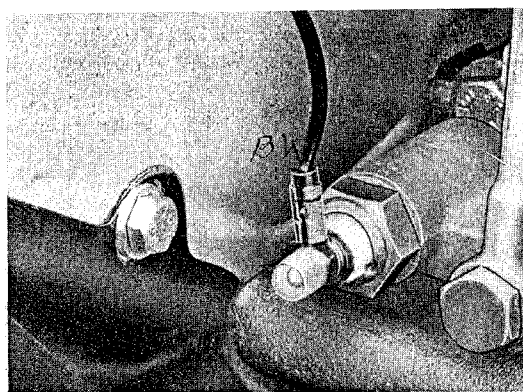


Fig. 19

7. Disconnect (black) lead from ignition coil.

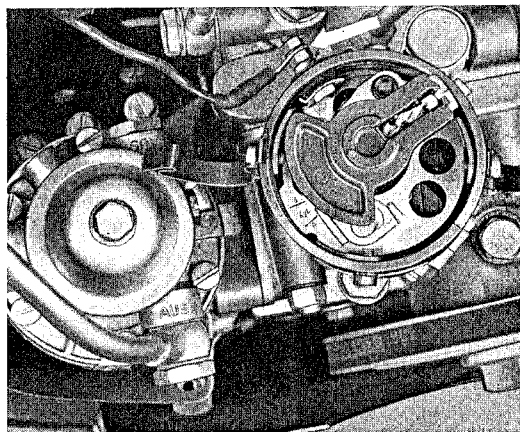


Fig. 20

8. Disconnect (green) lead from oil pressure sending unit.
9. Disconnect generator leads D- (Yellow-white), DF (black), D+ (red).

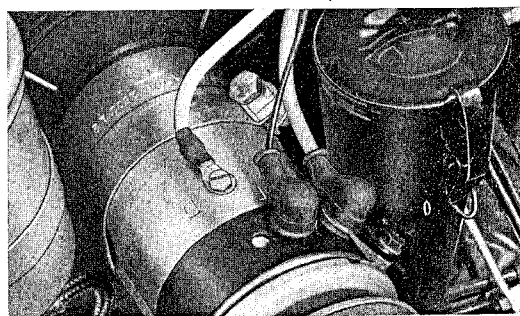


Fig. 21

10. Disconnect ball joint throttle linkage.

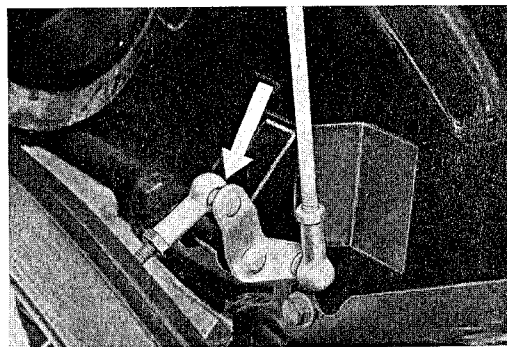


Fig. 22

11. Lift or jack up car.
12. Remove both heater-flap cables (12 EN).
13. Disconnect heater linkage and loosen flexible heater pipes from engine.