

19. Assemble crankcase sections.
20. Install oil seals and washers for cap nuts. The inside bevel of the washers receives the oil rings and should face the crankcase. Tighten cap nuts to 4 mkg (29 ft. lb.) torque.
21. Tighten camshaft end bearing bolts on flywheel side.
22. Install timing case cover (40 EN).
23. Tighten timing case cover nuts to 2 mkg (14.5 ft. lb.) torque.
24. Tighten remaining M 8 nuts to 3 mkg (21 ft. lb.) torque.
25. Install new oil seal at main bearing No. 4 (38 EN).

26. Turn flywheel and check for free rotation of crankshaft. (Protect crankcase with sleeves P 51.)
27. Install fuel pump flange and fuel pump.

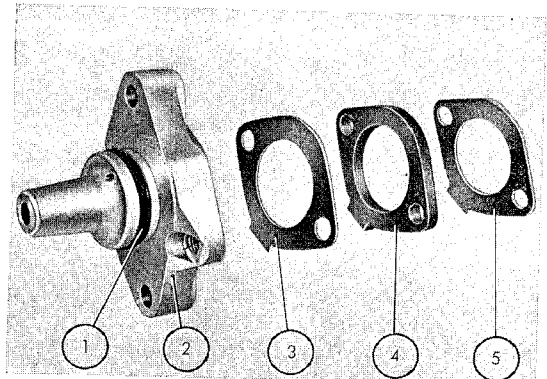


Fig. 196

- ① Oil ring
- ② Fuel pump flange
- ③ Gasket
- ④ Insulating spacer
- ⑤ Gasket

37 EN

Removing and Installing Distributor Drive Shaft

Special Tools: VW 126a Fuel pump wrench

Removal

1. Remove distributor cap.
2. Disconnect cable 1 from distributor.

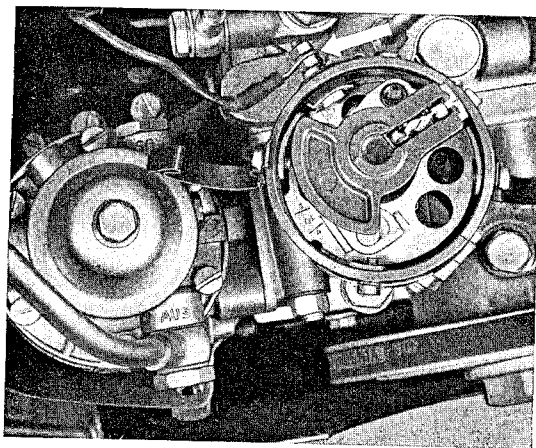


Fig. 195

3. Remove nut holding distributor base plate.
4. Remove distributor.

5. Remove fuel pump, pump flange, and push rod.
6. Grasp distributor drive shaft through fuel pump mount and lift rotating to left.
7. Remove thrust washer from distributor drive shaft housing. Caution: Do not drop washer into timing gears.
8. Remove distributor drive spring from housing.

Installation

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

1. Inspect fuel pump cam and gear for wear. If gear shows wear, a new distributor drive shaft and bronze pinion must be installed.