

# Volkswagen Beetle 1961-1970 Workshop Manual

## 2.4-Engine



(1) Drive out the ground pin and withdraw the bolt from the pulley.

(2) Lift out the distributor.

Assembly is accomplished by reversing the above operations, but the following points should be observed:  
Clean all parts and lubricate with engine grease.  
Carefully drive in the ground pin to make sure it does not damage the bolt.

### TO REMOVE AND INSTALL HEAT EXCHANGER (1961A - 1969 - 1970)

(1) Remove the bolts between the fan housing and the heat exchanger.

(2) Remove the upper radiator plate.

(3) Remove the three nuts on the cylinder head and nuts on pipe connecting clips.

(4) Remove the hoses in the rear plate before the condenser plate.

(5) Remove the exhaust clamp and withdraw the heat exchanger towards the front.

Reassembly is a reversal of the removal steps.

**NOTE:** Check the water level and top up if necessary. Also it is important to check the water pump, the exhaust gases must enter the engine.

The wire guide is shown in the diagram.  
The flange nut is shown in the diagram.

Components of Engine Front Drive



Components of Water Air Channel and Heat Exchanger (Left side shown - 1969 model)

## 11. RUCKER ARMS AND

### TO REMOVE AND INSTALL (1961 Model)

(1) Remove the cylinder head cover.

(2) Remove the water air duct (1961 Model).

(3) Remove the water air duct (1961 Model).

(4) Remove the water air duct (1961 Model).

Reassembly is a reversal of the removal steps. The following points should be observed:  
The water air duct is shown in the diagram.  
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On Cooler in Position

# Vw Beetle Gearbox Workshop Manual

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