

### Note

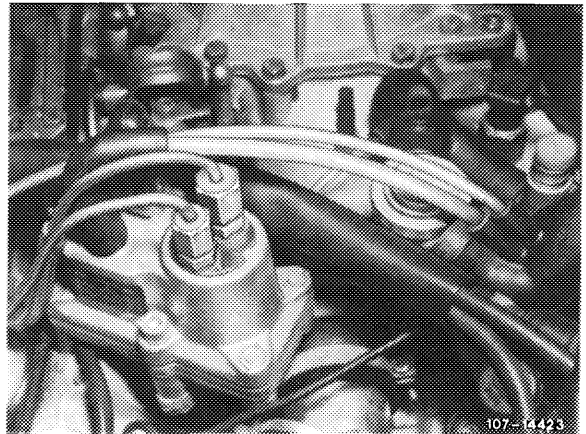
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To obtain a higher idle speed at low ambient temperatures following a cold start, the vacuum box on ignition distributor (harder spring) and the connection for the ignition retard adjustment (white-yellow line) has been modified. The connection for the ignition retard adjustment is now on contoured hose between supplementary air valve and idle speed air distributor. The connection on throttle valve housing for ignition retard adjustment used up to now has been discarded.

### Operation

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As a result of this change, the ignition is **not** adjusted toward retard at low ambient temperatures following a cold start as a result of the low intake pipe vacuum (supplementary air valve open). The idle speed will be raised by approx. 150–200/min immediately following a start.



After using up stocks in spare parts storage only the modified components (ignition distributor, contoured hose, throttle valve housing) will be available. Note the following:

#### a) Ignition distributor

When renewing ignition distributor or vacuum box the connection for retard adjustment need not be changed.

#### b) Contoured hose

When renewing contoured hose, close connection for retard adjustment blind, so that no false air will be drawn in.

#### c) Throttle valve housing

When renewing throttle valve housing, install contoured hose with connection for retard adjustment, and on engine 117 the modified vacuum box.

#### d) Engine 116

The vacuum box on ignition distributor has not been changed. The speed increase following a cold start is attained through installation of contoured hose and modified throttle valve housing.

#### Scope

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- 1 Install modified contour hose.
- 2 Pull vacuum line white/yellow from throttle valve housing and connect to contour hose.
- 3 Close freed connection on throttle valve housing with rubber cap, part no. 000 987 11 45.
- 4 Mount new vacuum control unit for ignition distributor.

#### Spare parts

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Designation	Part no.
Contour house	100 094 11 91
Throttle valve housing	001 140 19 53
Ignition distributor	002 158 57 01
Vacuum control unit	000 158 57 18
Rubber cap	000 987 11 45

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**Note:** If there is no change to modified vacuum retard adjustment, make sure that:

- the modified ignition distributor can be installed complete, or the vacuum control unit separately without additional changes and
- the vacuum connection on contour hose is closed when installing modified contour hose.