

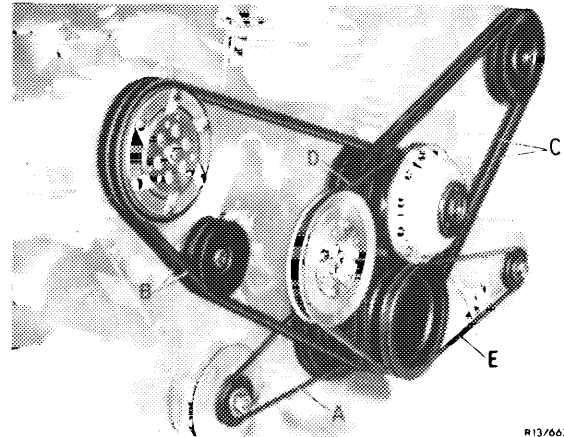
## Special tool

Tensioning wrench for pulley of hydraulic pump



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V-belt	Deflection in mm with 60 N (6 kp) load
A	approx. 10
B	
C	
D	approx. 5
E	approx. 10



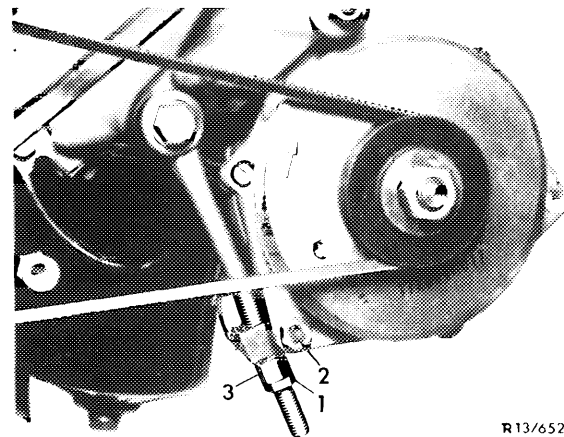
R13/6625

### Note

The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

### V-belts A and E Alternator

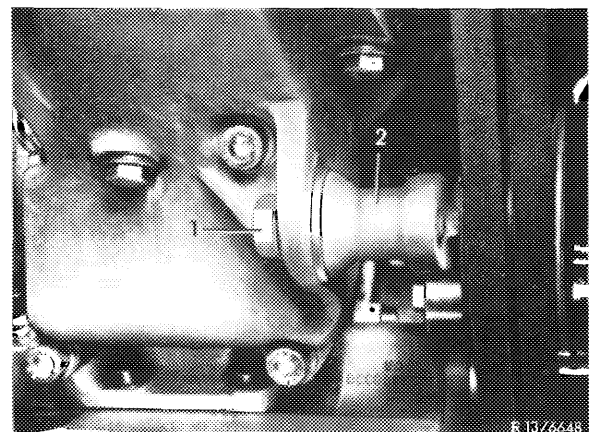
- Loosen counter nut (1) and fastening screw (2).
- Tension V-belt with the tensioning nut (3).
- Tighten fastening screw and counternut.



R13/6529

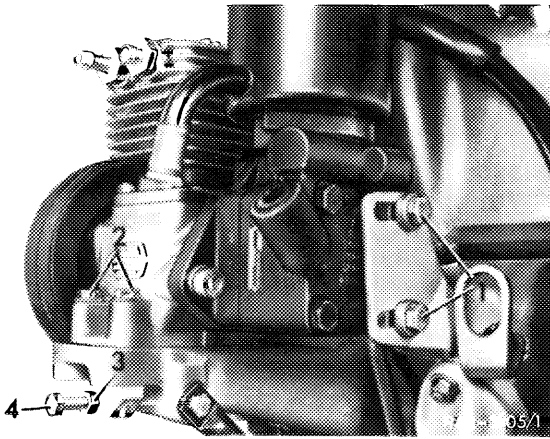
### V-belt B Refrigerant Compressor

- Loosen fastening screw (1) of the tensioner pulley (2) and tension V-belts by repositioning tensioner pulley.
- Tighten fastening screw.



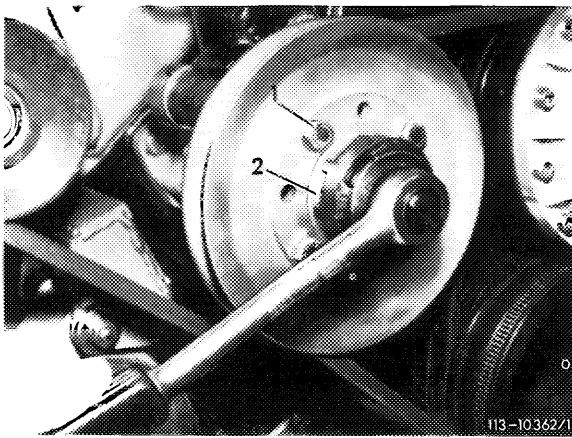
R.13/6648





#### V-belt C Air Compressor- Power Steering Pump

- Loosen the two fastening screws (1) and the four fixing bolts on the base of the air compressor (2) as well as the counter nut (3).
- Tension V-belts by means of fastening screw (4).
- Tighten fixing bolts and counter nut.



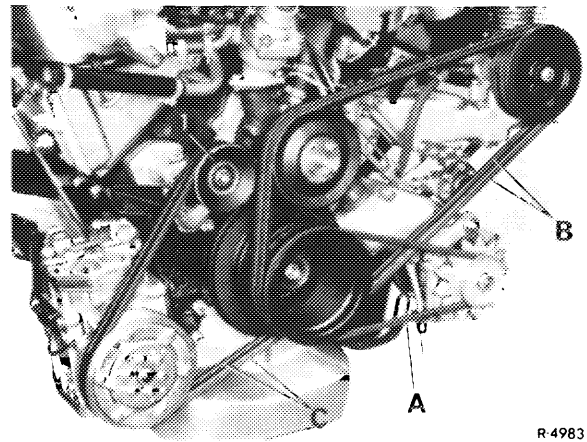
#### V-belt D Comfort Hydraulic Pump

- Loosen the four hex.-hd. bolts (1).
- Tension V-belt by turning the threaded boss (2) to the right. Turn the engine at intervals with the starter so that the V-belt can adjust to the moveable pulley. Prior to turning engine tighten two opposite hex. screws (1) each time slightly.
- Tighten hex.-hd. bolts.

V-belt	Deflection in mm with 60 N (6 kp) load
A	approx. 10
B	
C	

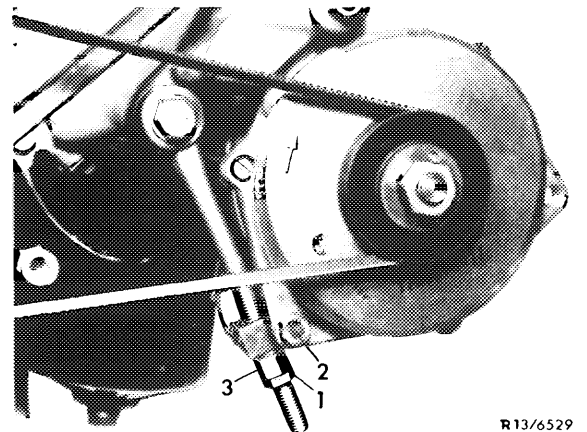
**Note**

The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.



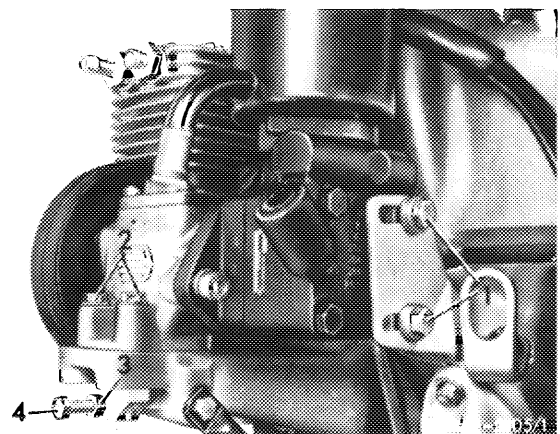
**V-belt A Alternator**

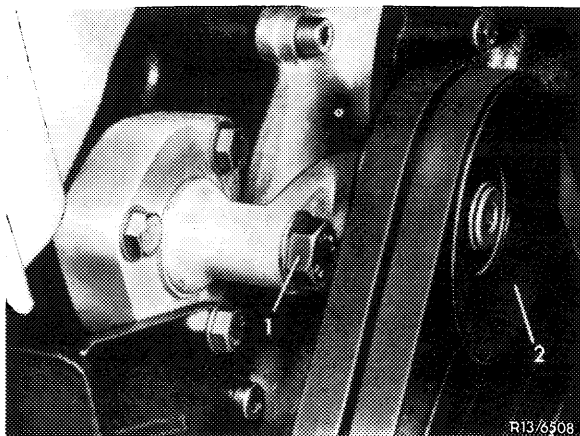
- Loosen counternut (1) and fastening screw (2).
- Tension with tensioning nut (3).
- Tighten fastening screw and counternut.



**V-belt B Water Pump – Air Compressor – Power Steering Pump**

- Loosen the two fastening screws (1) and the four fastening screws (2) on the air compressor base, as well as the counternut (3).
- Tension V-belts by means of fastening screw (4).
- Tighten fastening screws and counternut.



**V-belt C Refrigerant Compressor**

- Loosen fastening screw (1) of the tensioner pully (2).
- Tension V-belt by repositioning tensioner pulley.
- Tighten fastening screw.

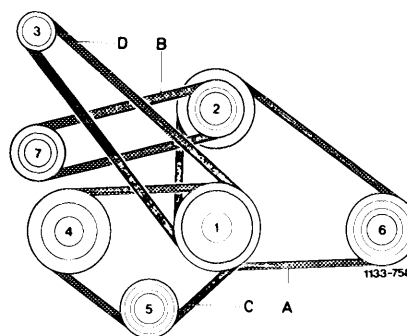
Engine 100.985  
Starting model year 1977

V-belts	Layout	Deflection in mm at 60 N (6 kp) load
A	Water pump – Power steering pump	approx. 10
B	Air pump	
C	Refrigerant compressor – Auxiliary oil pump	approx. 5
D	Alternator	approx. 10

**Note**

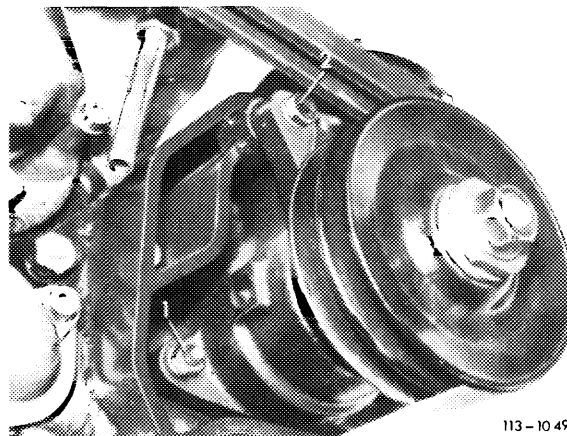
The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

- 1 Crankshaft
- 2 Water pump
- 3 Alternator
- 4 Refrigerant compressor
- 5 Auxiliary oil pump
- 6 Power steering pump

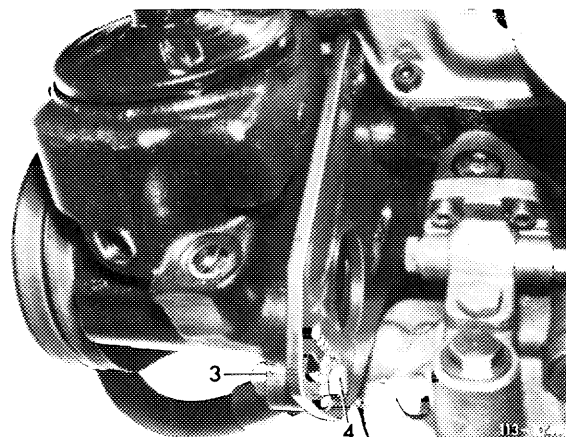


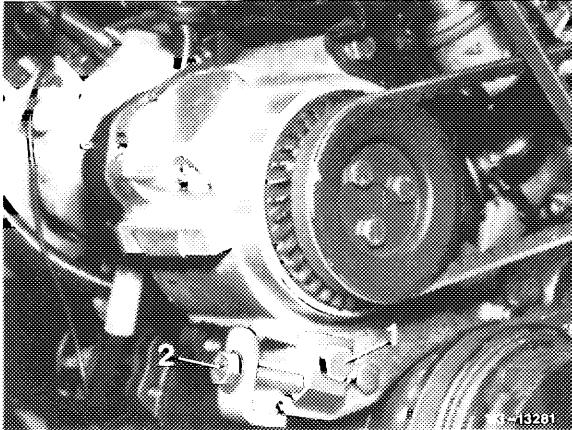
**V-belt A Water Pump – Power Steering Pump**

- Loosen nut (1) and fastening screw (2).

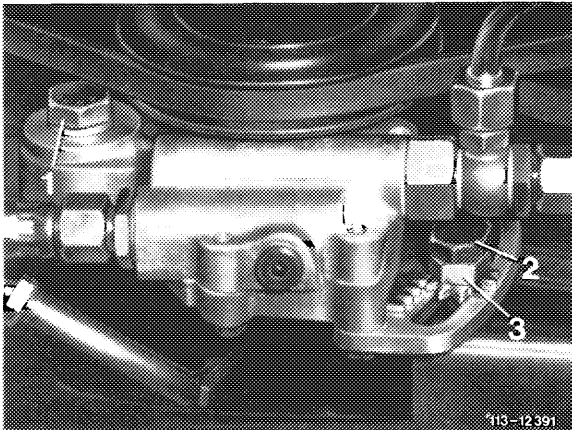


- Loosen nut (3).
- Tension V-belt with tension screw (4).
- Tighten nuts (3 and 1) and fastening screw (2).

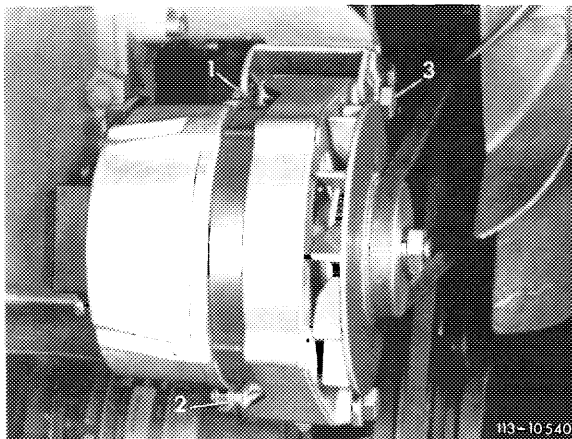


**V-belt B Air Pump**

- Loosen fastening screw (1).
- Tension V-belt with tensioning screw (2).
- Tighten fastening screw (1).

**V-belt C Refrigerant Compressor  
– Auxiliary oil pump**

- Loosen fastening screws (1 and 2).
- Tension V-belt with tooth lock washer (3).
- Tighten fastening screws (2 and 1).

**V-belt D Alternator**

- Loosen nuts (2 and 1).
- Tension V-belt with tensioning screw (3).
- Tighten nuts (1 and 2).

## Model year 1973

### Special tool

Allen wrench socket 8 mm, 130 mm long, 1/2" square  
For Power steering pump, model year 1973



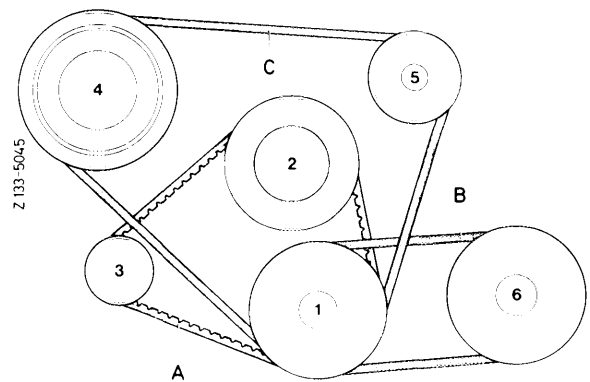
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V-belts	Layout	Deflection in mm at 60 N (6 kp) load
A	Alternator – Water pump	approx. 10
B	Power steering pump	approx. 5
C	Refrigerant compressor	approx. 10

### Note

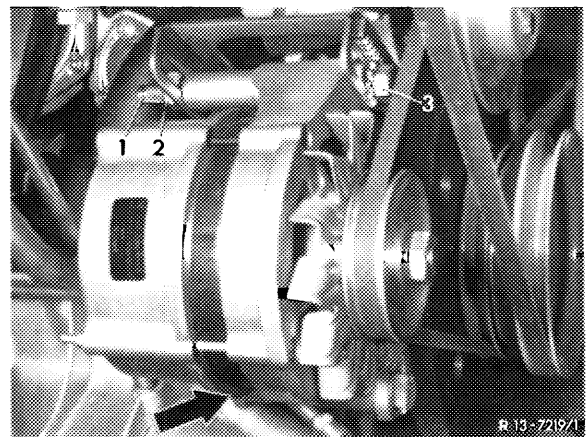
The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

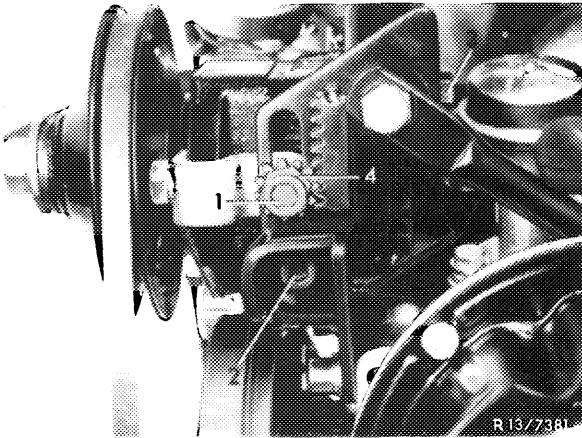
- |              |                          |
|--------------|--------------------------|
| 1 Crankshaft | 4 Refrigerant compressor |
| 2 Water pump | 5 Tensioning roller      |
| 3 Alternator | 6 Power steering pump    |



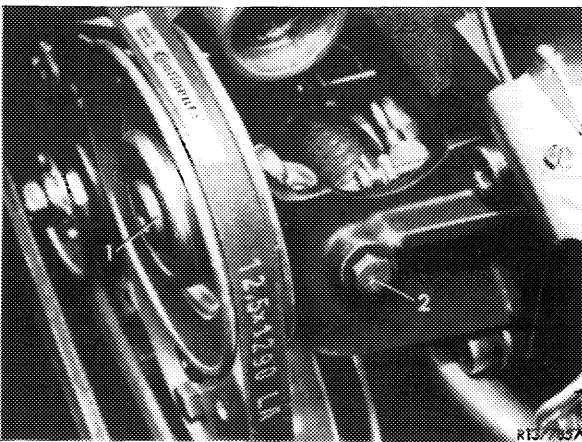
### V-belt A Alternator – Water Pump

- Loosen nut (2) and fastening screw (arrow).
- Tension V-belt with 6-mm square (1) or with hexagon of tensioning screw (3).
- Tighten nut (2) and fastening screw.



**V-belt B Power Steering Pump**

- Loosen fastening screws (1, 2 and 3).
- Tension V-belt with tooth lock washer (4).
- Tighten fastening screws (1, 2 and 3).

**V-belt C Refrigerant Compressor**

- Loosen necked-down screw (1).
- Tension V-belt with tensioning screw (2).
- Tighten necked-down screw (1) to 16 Nm (1.6 kpm).



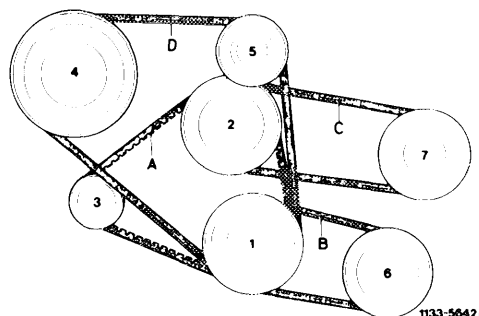
**Model year 1974–1976**

V-belt	Layout	Deflection in mm at 60 N (6 kp) load
A	Alternator – Waterpump	approx. 10
B	Power steering pump	approx. 5
C	Air pump	approx. 10
D	Refrigerant compressor	

**Note**

The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

- |                          |                       |
|--------------------------|-----------------------|
| 1 Crankshaft             | 5 Tensioning roller   |
| 2 Water pump             | 6 Power steering pump |
| 3 Alternator             | 7 Air pump            |
| 4 Refrigerant compressor |                       |



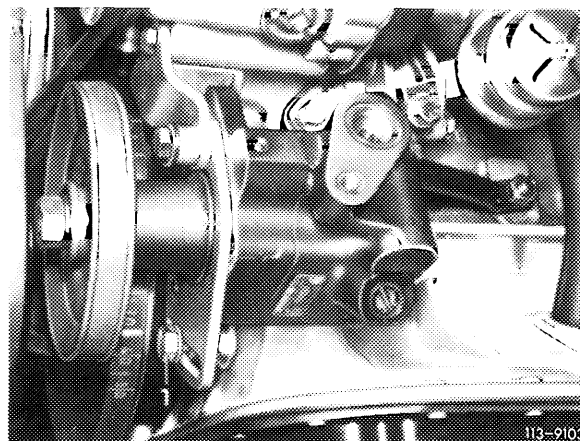
**Model year 1974**

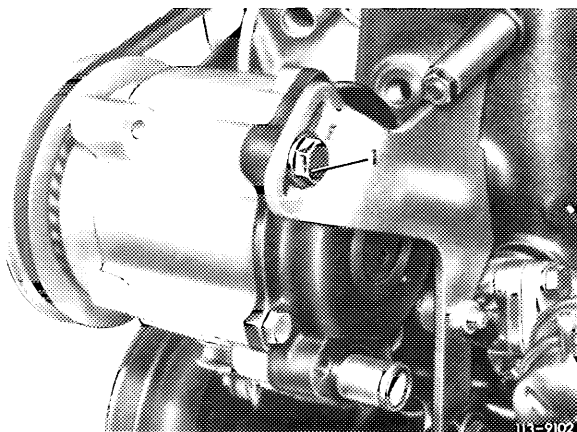
**Note**

V-belts alternator – water pump and refrigerant compressor are tensioned in the same manner as for model year 1973.

**V-belt B Power Steering Pump**

- Loosen fastening screw (1).
- Tension V-belt swivelling power steering pump in outward direction.
- Tighten fastening screw (1).





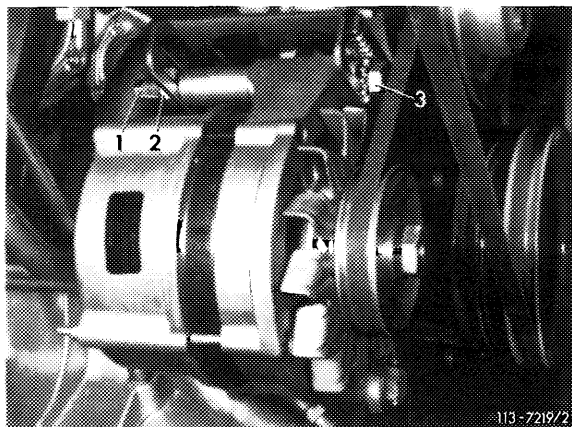
#### V-belt C Air Pump

- Loosen fastening screw (1).
- Tension V-belt by swivelling air pump in outward direction.
- Tighten fastening screw (1).

#### Model year 1975 and 1976

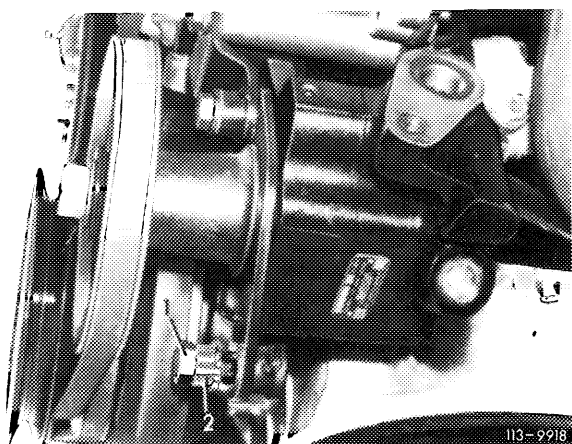
##### Note

The V-belts for air pump and refrigerant compressor are tensioned in the same manner as for model year 1974 or 1973 resp.



#### V-belt A Alternator – Water Pump

- Loosen nut (2).
- Tension V-belt with 6-mm square (1) or with hexagon of tensioning screw (3).
- Tighten nut (2).



#### V-belt B Power Steering Pump

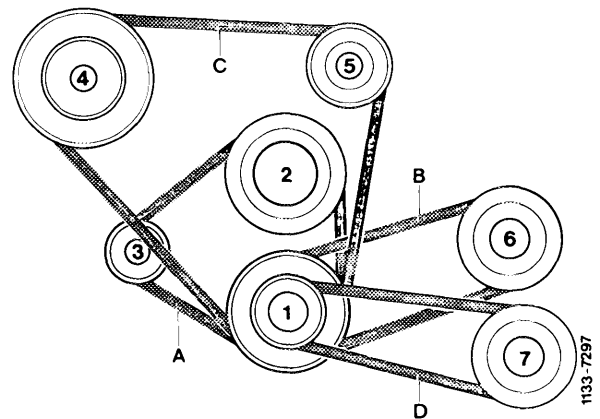
- Loosen fastening screw (1).
- Tension V-belt with tooth lock washer (2).
- Tighten fastening screw (1).

V-belts	Layout	Deflection in mm at 60 N (6 kp) load
A	Alternator – Water pump	approx. 10
B	Power steering pump	approx. 5
C	Refrigerant compressor	approx. 10
D	Air pump	

**Note**

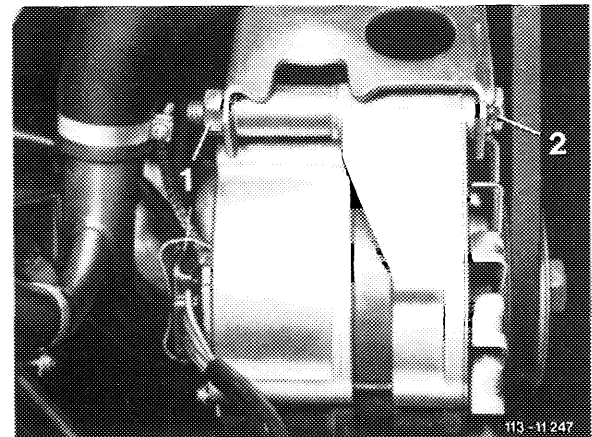
The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

- |                          |                       |
|--------------------------|-----------------------|
| 1 Crankshaft             | 5 Tensioning roller   |
| 2 Water pump             | 6 Power steering pump |
| 3 Alternator             | 7 Air pump            |
| 4 Refrigerant compressor |                       |



**V-belt A Alternator – Water Pump  
For vehicles with air conditioning**

- Loosen nut (1).
- Tension V-belt with tensioning screw (2).
- Tighten nut (1).



**V-belt A Alternator – Water Pump  
For vehicles without air conditioning**

- Loosen nut (2).
- Tension V-belt with 6-mm square (1) or with hexagon of tensioning screw (3).
- Tighten nut (2) and fastening screw.

