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**INTAKE SYSTEM Assy group 041**

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## 1 Change cover

Removing:

- 1 Remove plastic cap (1) from the retaining screws.

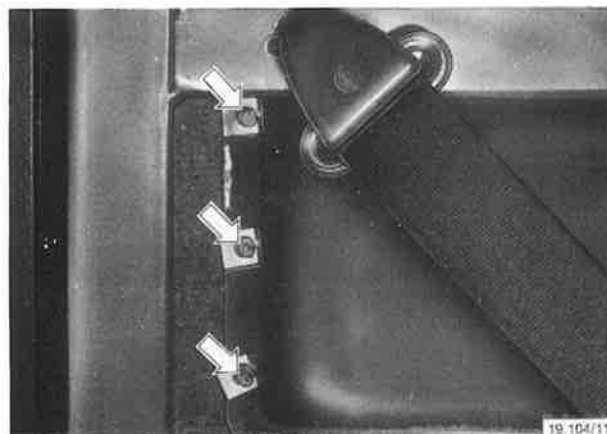


Fig. 1

- 2 Unscrew retaining screws (2) and remove cover.

Fitting:

- 3 Fitting is made in reverse sequence.



Fig. 2

## 2 Change air intake unit

Includes: Change cover, see section 1.

Removing:

- 1 See change cover, see section 1.
- 2 Remove intake hose (1/1) from air intake unit (1/2).

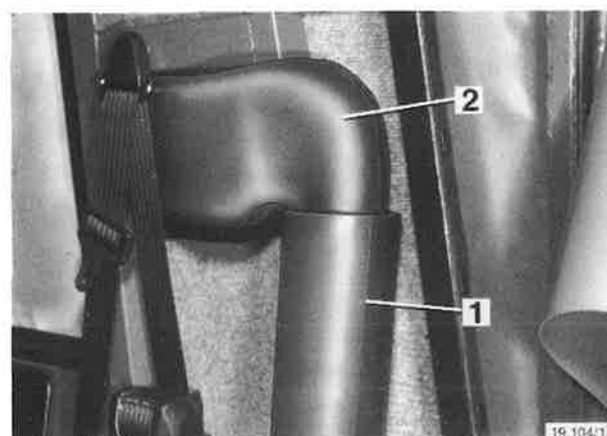


Fig. 1

- 3 Remove sheet clips nuts (2) from air intake unit.

Fitting:

- 4 Position sheet clips nuts on the air intake unit.
- 5 Smear the side wall face of the air intake unit with silicon sealant.

**NOTE:** Before mounting the air intake unit, remove all silicon sealant from the side wall.

- 6 Further fitting is made in reverse sequence 2-1.

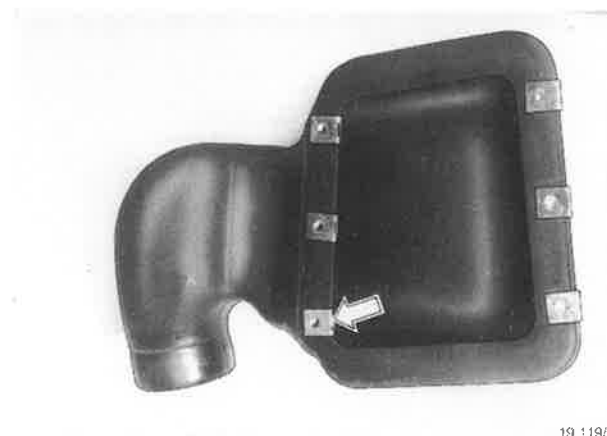


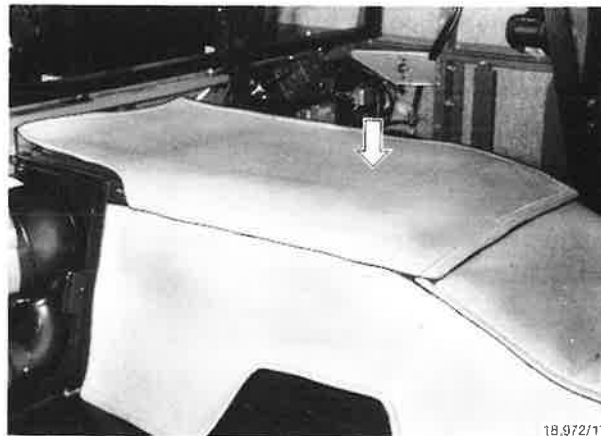
Fig. 2

## 3 Change intake hose

Includes: Removing front passenger seat, see group 171

Removing:

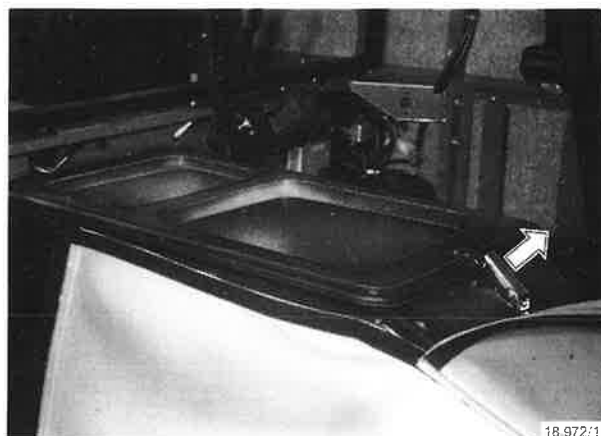
- 1 Remove front passenger seat, see group 171
- 2 Remove cover (1).



18.972/17

Fig. 1

- 3 Open lock (2) and remove engine cover.



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Fig. 2

- 4 Remove maintenance cover to the air filter by turning turn-lock fasteners (3) to the left.

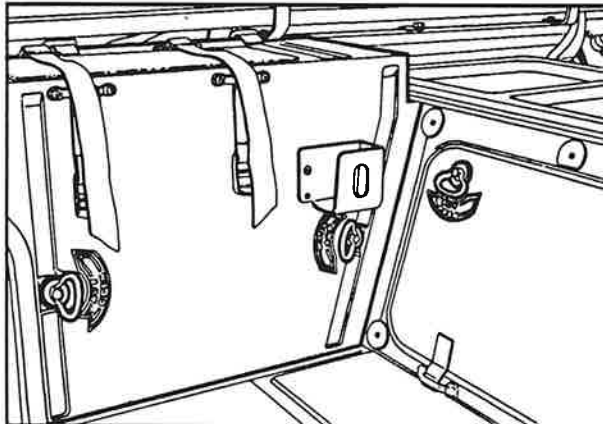
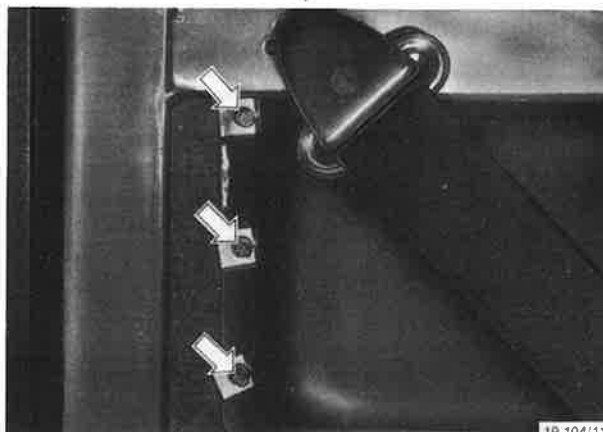


Fig. 3

- 5 Remove plastic caps (4) from the retaining screws.



19.104/11

Fig. 4

6 Unscrew retaining screws (5) and remove cover.



Fig. 5

7 Pull off intake hose (6/1) from the air intake unit (6/2) and remove air intake unit.

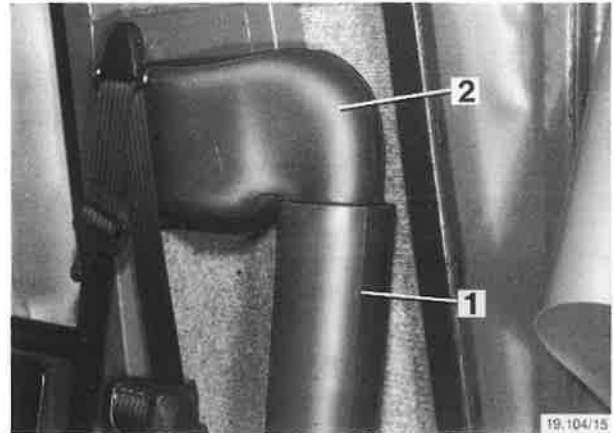


Fig. 6

8 Pull off intake hose (7/1) from air filter (7/2).

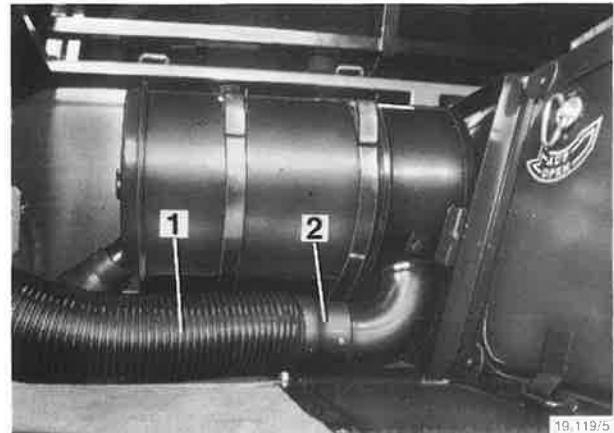


Fig. 7

9 Remove intake hose (8) upwards (direction of arrow).

Fitting:

10 Fitting is made in reverse sequence 9-1.

**NOTE:** Apply silicon sealant to the contact surface of the air intake unit. Before fitting the air intake unit remove all traces of silicon sealant from the side wall.



Fig. 8

## 4 Change air filter housing

Includes: Change intake hose, see section 3.

Removing:

- 1 See change intake hose section 3.
- 2 Pull off intake hose (1/1) from filter housing.
- 3 Loosen hose clip on molded hose.
- 4 Open clamping straps (1/3), remove air filter housing (1/4).

Fitting:

- 5 Fitting is made in reverse sequence 4-1.

**NOTE:** Observe correct fitting position of rubber grommet between right-side maintenance cover and air filter housing.

## 5 Change molded hose

Includes: Removing front passenger seat and engine cover right-side with maintenance cover, see group 171

Removing:

- 1 Removing front passenger seat and engine cover right-side with maintenance cover, see group 171
- 2 Loosen hose clip (1/1) and pull off molded hose (1/2).

Fitting:

- 3 Fitting is made in reverse sequence 3-1.

## 6 Change intake manifold

Tools:

Testing device for V-belts 001 589 69 21 00

Includes: Removing front passenger seat and engine cover right-side with maintenance cover, see group 171

Changing alternator, see group 190

Tensioning V-belt, see group 010

Removing:

- 1 Remove front passenger seat and engine cover right-side with maintenance cover, see group 171
- 2 Remove alternator, see group 190
- 3 Loosen hose clip (1/1) and pull off hose (1/2).

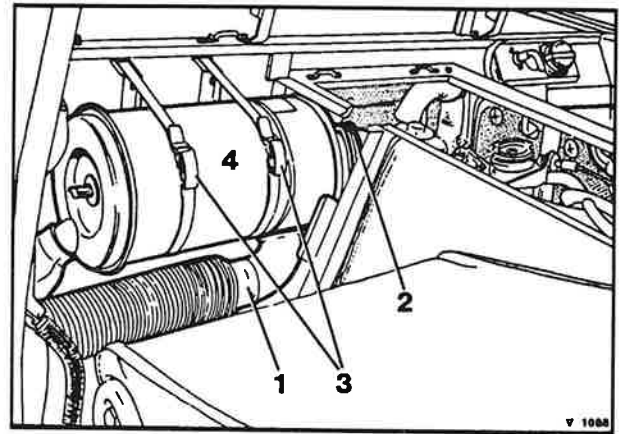


Fig. 1

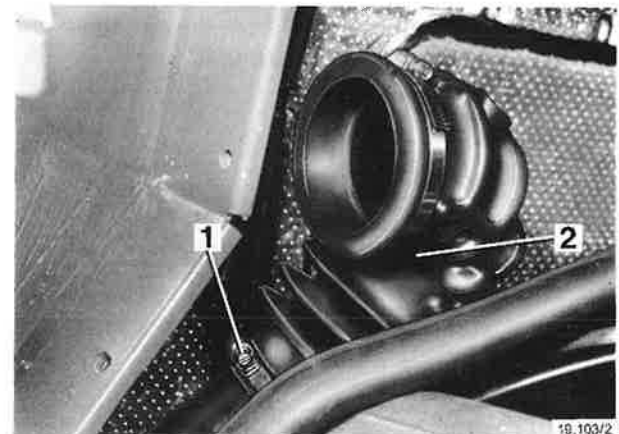


Fig. 1

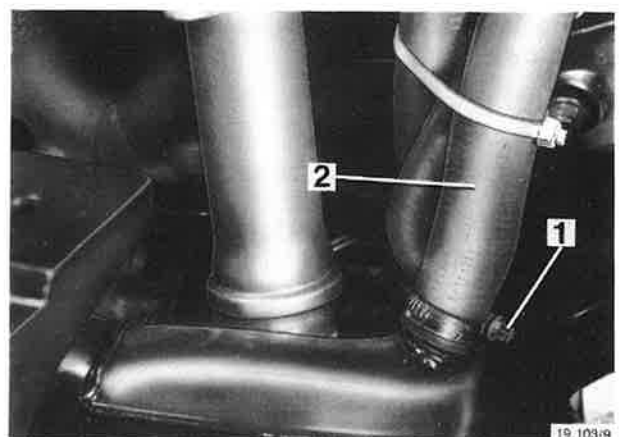


Fig.1

- 4 Loosen hose clip (2/1) and remove ventilation hose (2/2).

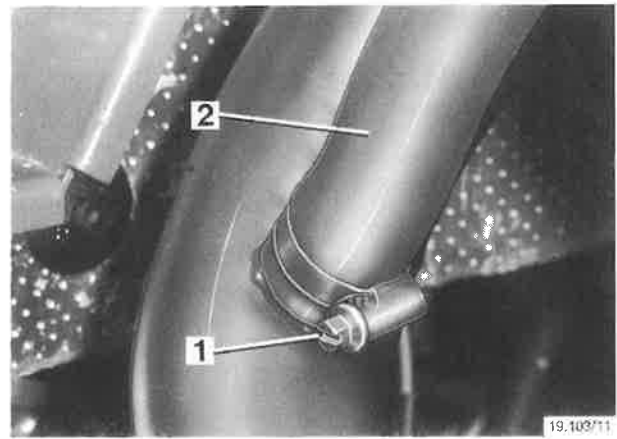


Fig. 2

- 5 Unscrew retaining screws (3/1 and 3/2) and remove intake manifold.

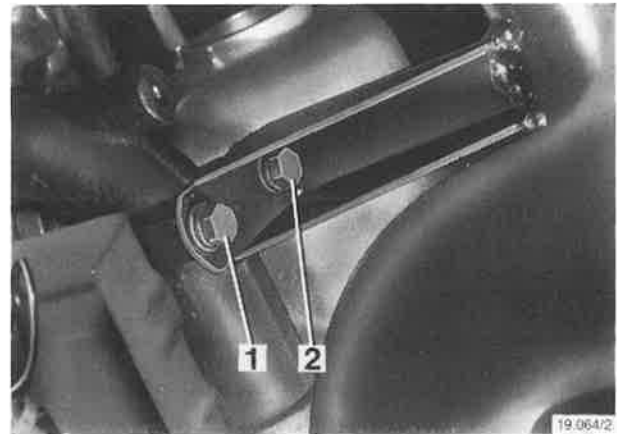


Fig. 3

- 6 Loosen hose clip (4/1) and remove molded hose (4/2).

Fitting:

**NOTE:** Replace damaged, porous or spongy O-rings(5).

- 7 Push molded hose (4/2) onto the intake manifold and tighten hose clip (4/1).

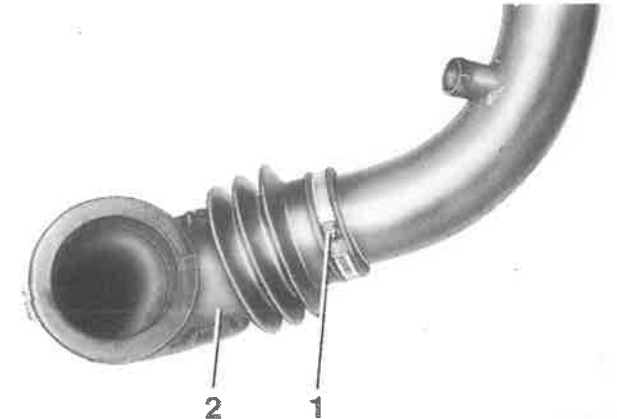


Fig. 4

- 8 Smear O-rings with rubber lubricant and press intake manifold over the O-rings (5). (Under no circumstances use striking tools).

- 9 Fit alternator, see group 190

**NOTE:** Tension V-belt, see group 010



Fig. 5

## 7 Change intake tube

Includes: Removing front passenger seat and engine cover right-side with maintenance cover, see group 171

Removing:

- 1 Remove front passenger seat and engine cover right-side with maintenance cover, see group 171
- 2 Unscrew retaining screws (1/1 and 1/2) of the upper bracket (1/3).
- 3 Loosen clip (2/1) and remove pressure control valve (2/2).

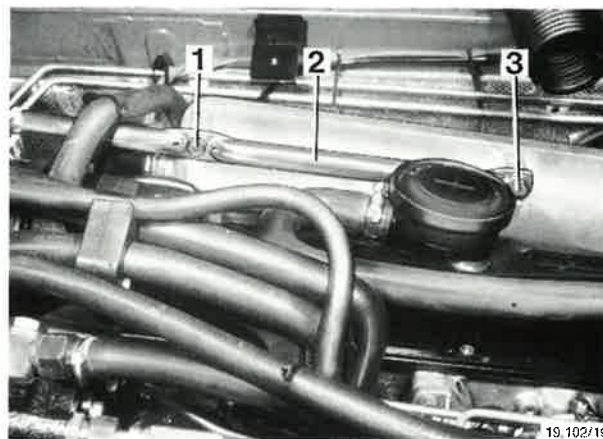


Fig. 1

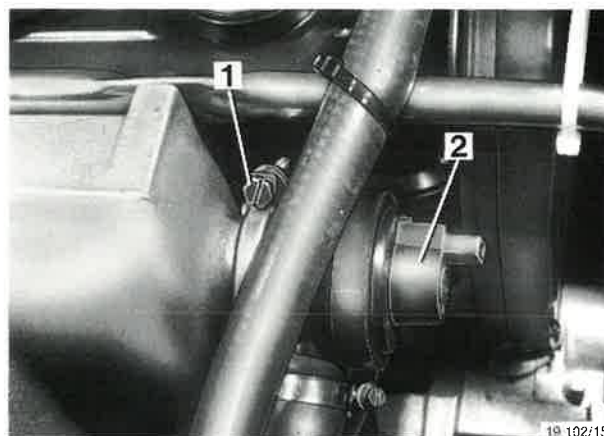


Fig. 2

- 4 Remove nuts (3/1) and washers (3/2) together with shield plate (3/3).

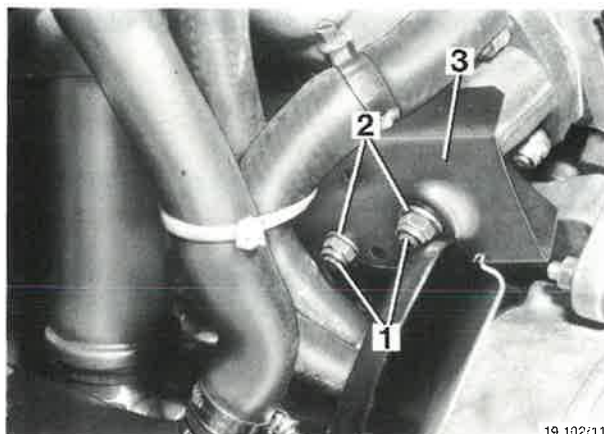


Fig. 3

- 5 Unscrew banjo bolt (4/1), remove seal rings (4/3) and hose (4/2).

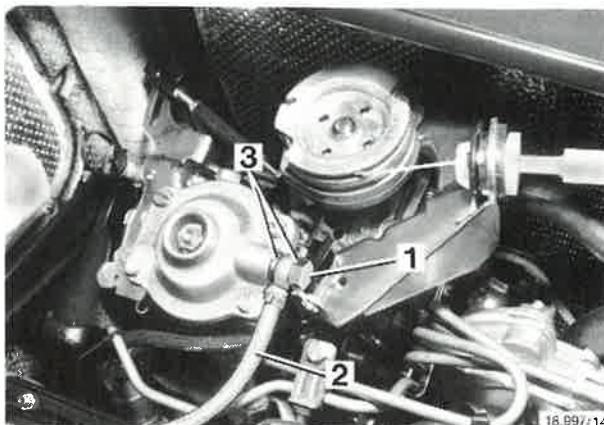


Fig. 4



- 6 Unscrew all retaining screws (12 screws; 5/1) and remove intake tube (5/2).
- 7 Clean off any traces of sealant from cylinder head.
- 8 Pull out pressure tube from intake tube.

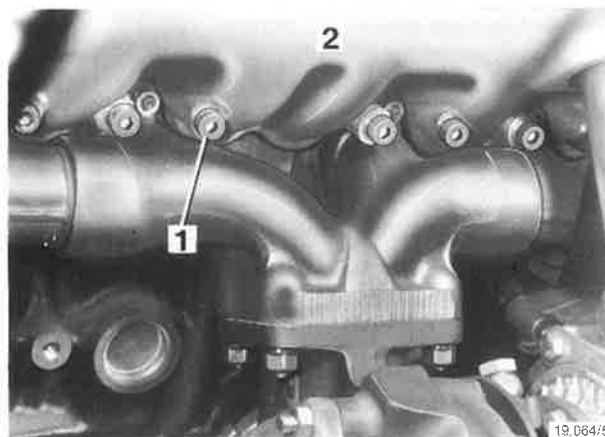


Fig. 5

- 9 Loosen hose clamp (6/1) and remove hose (6/2).

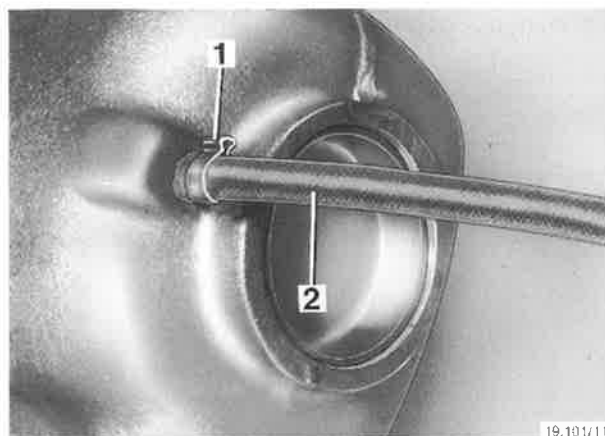


Fig. 6

- 10 Remove O-rings from pressure tube (7).

Fitting:

- 11 Insert new O-rings into pressure tube and push pressure tube into intake tube.

**NOTE:** Smear O-rings with rubber lubricant.

- 12 Insert hose (6/2) and tighten hose clip (6/1).
- 13 Position new gasket on the intake tube and fasten with 2 retaining screws.
- 14 Place intake tube on the cylinder head and tighten (torque 25 Nm).
- 15 Further fitting is made in reverse sequence 5-1.



Fig. 7

**8 Change pressure control valve**

Includes: Removing front passenger seat , see group 171

Removing:

- 1 Remove front passenger seat , see group 171
- 2 Loosen right-side maintenance cover by turning the locks to the left and remove.
- 3 Loosen hose clip (1/1) and pull off hose (1/2).
- 4 Loosen clip (1/3) and remove pressure control valve (1/4).
- 5 Remove seal ring from pressure control valve.

Fitting:

- 6 Push new seal ring onto pressure control valve.
- 7 Further fitting is made in reverse sequence 4-1.

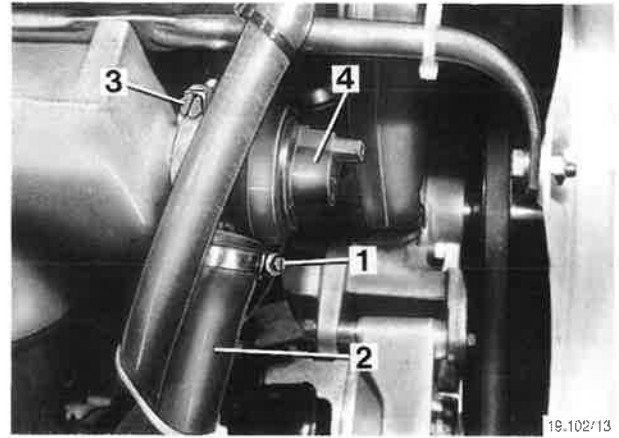


Fig. 1