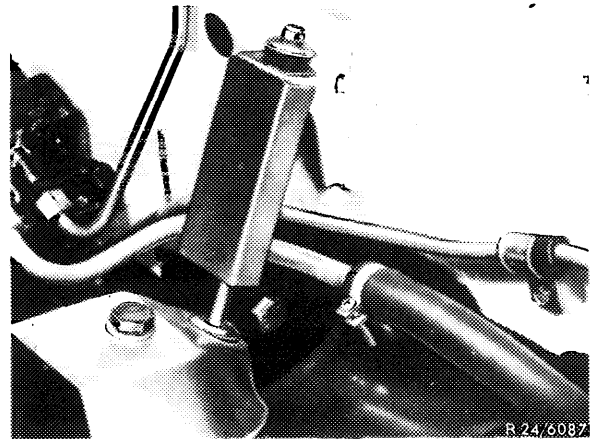


A. Model 107

Tightening torque	Nm
Screw for engine mount	75

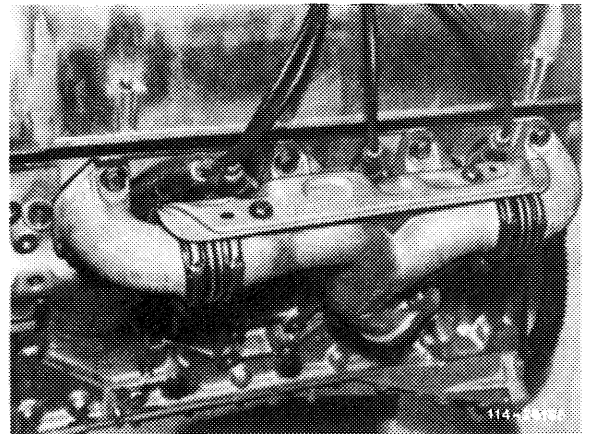
Removal

- 1 Remove exhaust system (49-100).
- 2 Pull off ignition cable.
- 3 Unscrew shielding plates on exhaust manifold.
- 4 Unscrew engine shock absorber with fastening holder and shielding plates. For this purpose, unscrew screw for engine mount.



Exhaust manifold left

- 5 Remove air cleaner.
- 6 Unscrew exhaust nuts and screws and remove exhaust manifold.

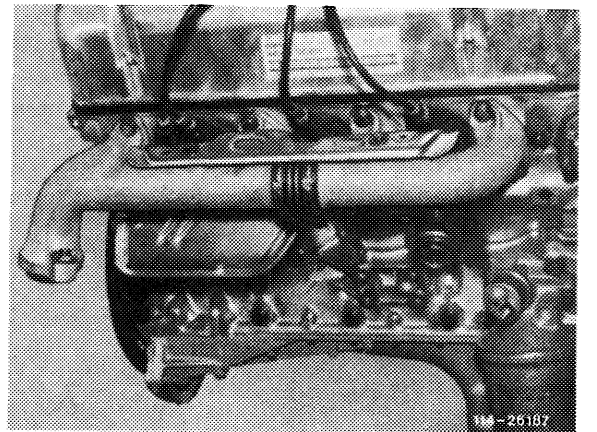


Exhaust manifold left

Exhaust manifold right

- 7 Remove windshield washer reservoir.
- 8 Unscrew coolant reservoir. Unscrew fastening clamp for cooling water hose. Loosen cable strap for electric line and put reservoir aside.
- 9 Remove battery, battery holder and shielding plate

Note: On vehicles with automatic climate control the battery is mounted at the right in trunk.



Exhaust manifold right

10 Unscrew exhaust nuts and screws and remove exhaust manifold.

Installation

11 For installation proceed vice versa. Renew all gaskets and exhaust nuts.

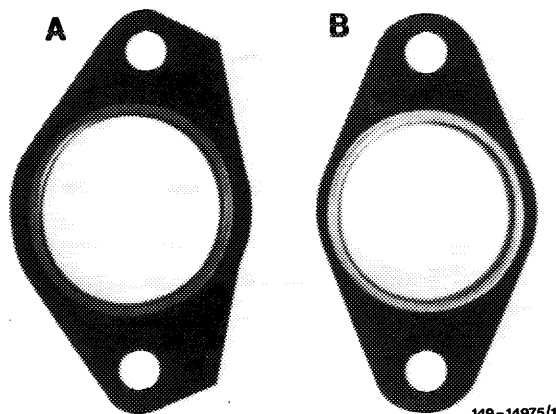
12 Mount flange gaskets with sheet metal in direction of cylinder head.

During assembly make sure that the exhaust manifold gaskets are not mixed up.

13 Tighten screws for engine mount to 75 Nm.

14 Mount exhaust system.

15 Mount air cleaner. Pay attention to correct seat of sealing ring between air flow sensor and air cleaner.



A Engine 117.96
B Engine 116.96

149-14975/1

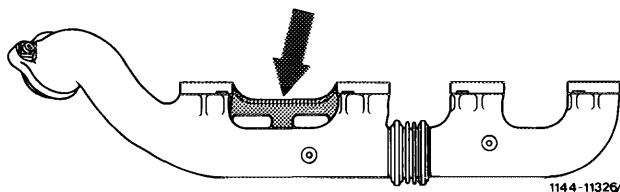
16 Run engine and check exhaust system for leaks.

B. Model 126

Note

Exhaust manifolds are single-flow pipes. Bellows are attached for compensation of heat expansion.

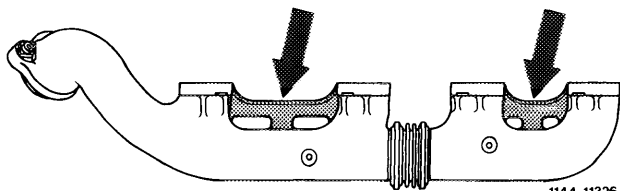
Engine 116.963



1144-11326/1

To prevent distortions, the exhaust manifold on engine 116.963 and 117.963 have been reinforced between exhaust ducts (arrows). The shielding plates have been simultaneously modified. When renewing modified exhaust manifolds, also renew shielding plates.

Engine 117.963



1144-11326

Replacement parts

Designation	Engine	Former part no.	Current part no.
Standard version, (CH) (S) before March 1983			
Exhaust manifold left	116.963	116 140 25 14	116 140 35 14
		116 140 16 14	116 140 36 14
right	117.963	117 140 52 14	117 140 57 14
		117 140 44 14	117 140 58 14

(CH) (S)

Engine 116.963 starting March 1983

Engine 117.963 starting model year 1984

Exhaust manifold left	116.963	—	116 140 43 14
		—	116 140 29 14
right	117.963	—	117 140 64 14
		—	117 140 62 14

(J) (USA) starting model year 1984

Exhaust manifold left	116.963	—	116 140 20 14
		—	116 140 29 14
right	117.963	—	117 140 61 14
		—	117 140 62 14

Shielding plates all versions		116 142 11 20	116 140 00 22
-------------------------------	--	---------------	---------------

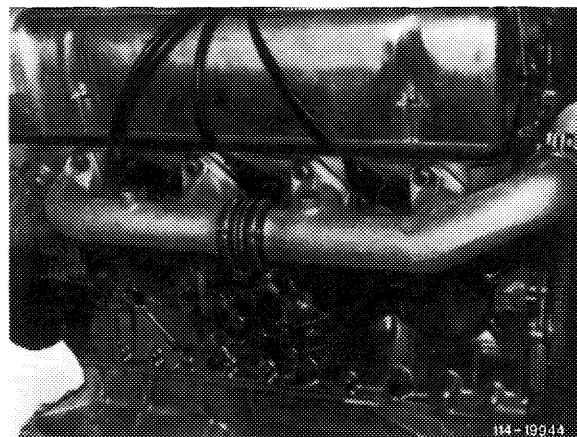
Supply responsibility: Works 50 (PEW Sindelfingen)

Removals

- 1 Pull off ignition cable.
- 2 Unscrew shielding plates on exhaust manifold.

Exhaust manifold left

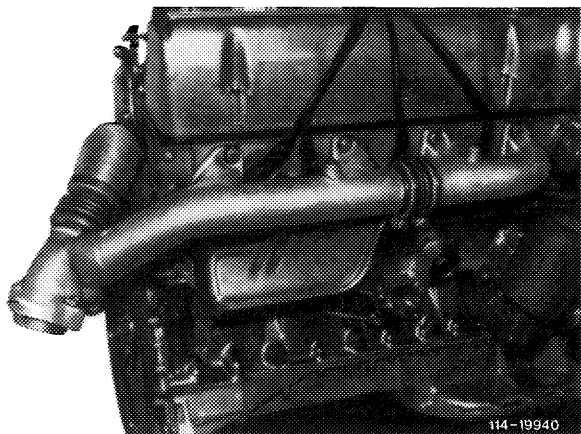
- 3 Remove clamp for transverse tube.
- 4 Unscrew exhaust gas recirculation line on valve.
- 5 Unscrew exhaust nuts and screws and remove exhaust manifold.



Exhaust manifold left

Exhaust manifold right

- 6 Remove exhaust system.
- 7 Remove clamp for transverse tube.
- 8 Remove air cleaner.
- 9 Unscrew exhaust nuts and screws and remove exhaust manifold.



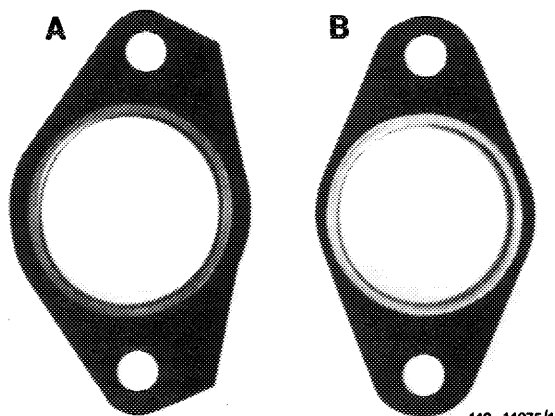
Exhaust manifold right

Installation

10 For installation proceed vice versa. Renew all gaskets and exhaust nuts. Before tightening put on screws for holder. Flange transverse tube before exhaust manifold is tightened.

11 Mount flange gaskets with sheet metal in direction of cylinder head.

During assembly make sure that the exhaust manifold gaskets are not mixed up.



A Engine 117.96
B Engine 116.96

- 12 Mount exhaust system.
- 13 Mount air cleaner. Pay attention to correct seat of sealing ring between air flow sensor and air cleaner.
- 14 Run engine and check exhaust system for leaks.