

18 Exhaust System

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Model

320 i

320 i A

Exhaust System

two muffler system, primary and final mufflers installed longitudinally

Suspension

front

vibration-damped support on transmission

rear

two rubber rings on final muffler, suspended from reinforced trunk floor plate

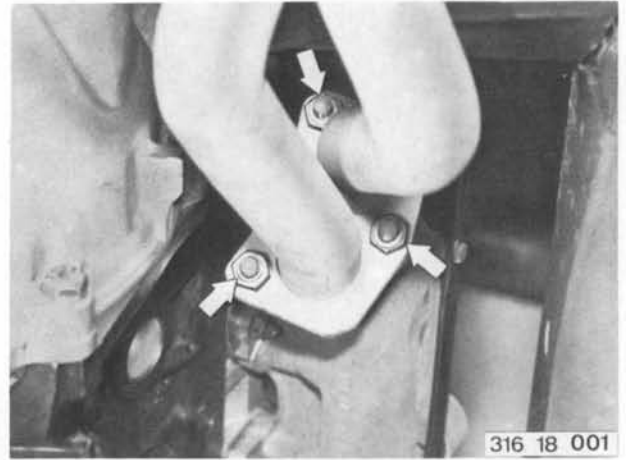
Torque Specifications in Nm / kpm (ft. lbs.)

Exhaust manifold to cylinder head	30 ... 33 / 3.0 ... 3.3 (22 ... 24)
Exhaust pipe to exhaust manifold	initially 60 ... 67 / 6.0 ... 6.7 (43 ... 48)
	tightening 43 ... 48 / 4.3 ... 4.8 (31 ... 35)
Exhaust pipe to triangular flange	22 ... 25 / 2.2 ... 2.5 (16 ... 18)
Clamp to final muffler (M 8 hex. head screw)	16 ... 18 / 1.6 ... 1.8 (12 ... 13)
Front exhaust holder to plate (M 6)	9 ... 10 / 0.9 ... 1.0 (6.5 ... 7)
Plate to automatic transmission (M 8)	22 ... 25 / 2.2 ... 2.5 (16 ... 18)
Plate to manual transmission (M 8)	22 ... 25 / 2.2 ... 2.5 (16 ... 18)
Front exhaust holder to exhaust pipe (M 8 x 16)	25 ... 28 / 2.5 ... 2.8 (18 ... 20)
Front exhaust holder or bracket to exhaust pipe (M 8 x 25)	16 ... 19 / 1.6 ... 1.9 (12 ... 14)

18 000 020 REMOVING AND INSTALLING ENTIRE EXHAUST SYSTEM

Detach front exhaust pipe at exhaust manifold.

Installation Note! Note torque specifications <sup>1)</sup>.  
Coat threaded pins and studs with Molykote Paste G.

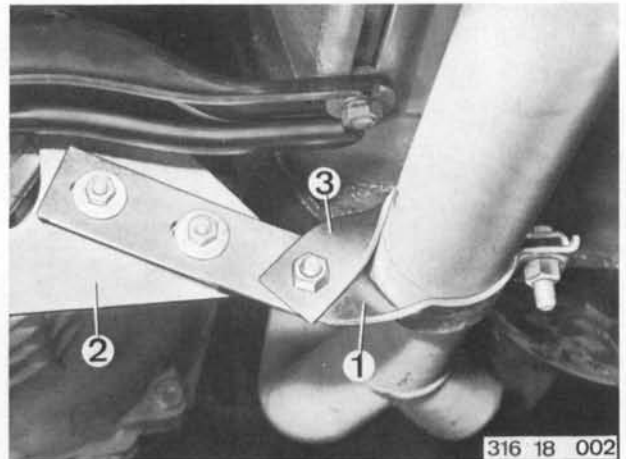


Loosen exhaust holder.

Installation Note! Press exhaust holder (1) against exhaust pipe to remove tension.

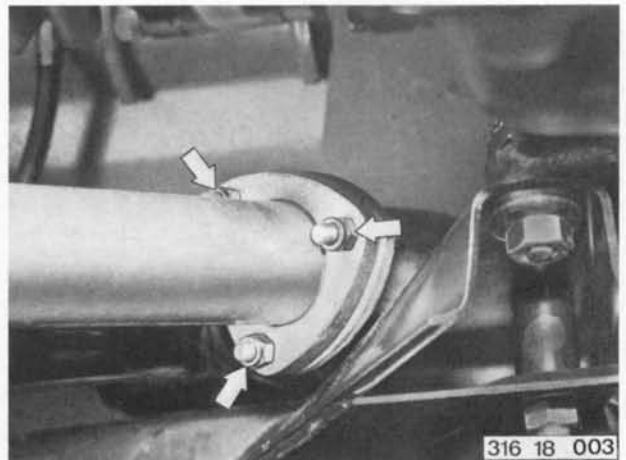
Bolt plate (2) to transmission and exhaust holder. Then tighten bracket (3).

Any other sequence of installation could result in loud drumming noise.

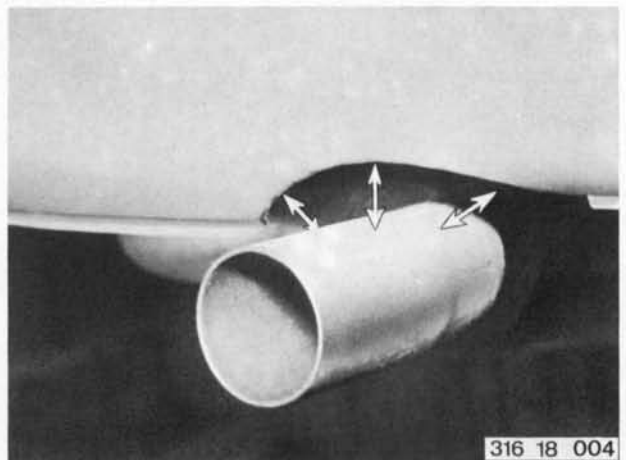


Detach final muffler at flange.

Installation Note! Before tightening final muffler align the pipe that it cannot knock against any other part of car.



Align tailpipe with opening in body tail panel.

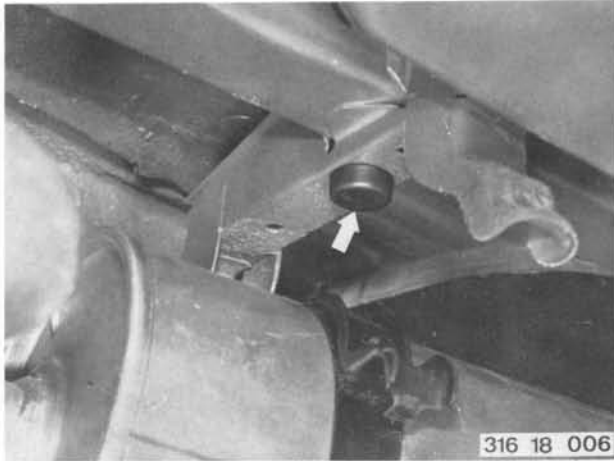


1) See Specifications



Detach final muffler and remove.  
Remove front exhaust pipe with primary muffler.

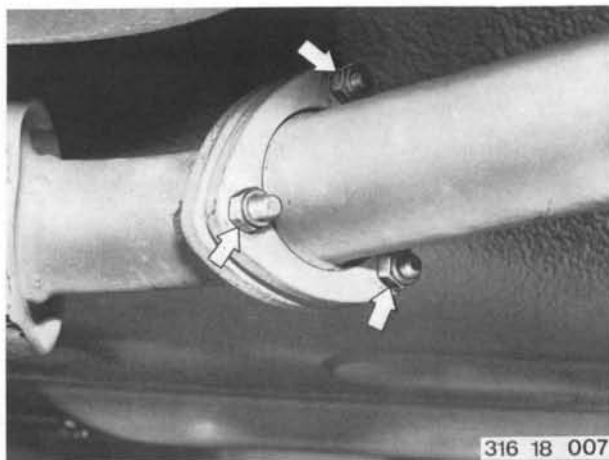
Installation Note! Replace porous or damaged rubber rings.



Installation Note! Check rubber stop.

18 11 001 REPLACING GASKET BETWEEN EXHAUST MANIFOLD  
AND FRONT EXHAUST PIPE

Detach front exhaust pipe at primary muffler.



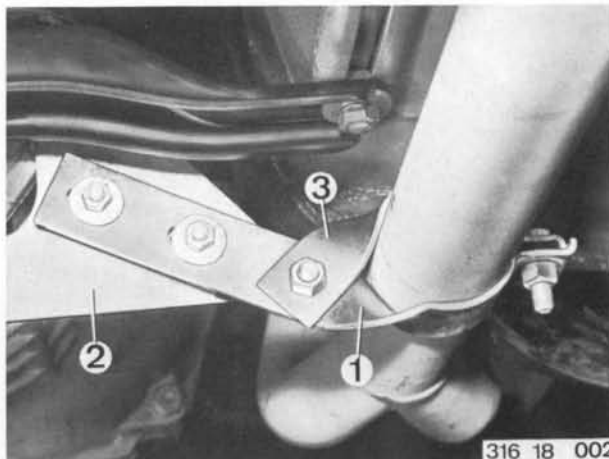
Detach exhaust holder.

Installation Note! Press exhaust holder (1) against exhaust pipe to remove tension.

Bolt plate (2) to transmission and exhaust holder.

Then tighten bracket (3).

Any other sequence of installation could cause loud drumming noise.



Detach front exhaust pipe at exhaust manifold and remove.

Replace gasket.

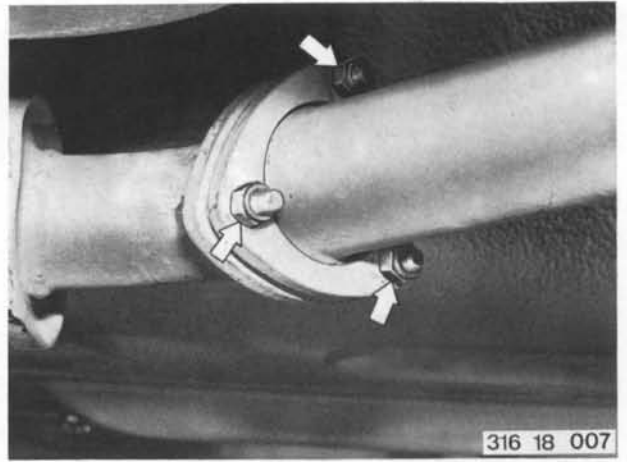
Installation Note! Note torque specifications<sup>1)</sup>.  
Coat threaded pins and studs with Molykote Paste G.



1) See Specifications

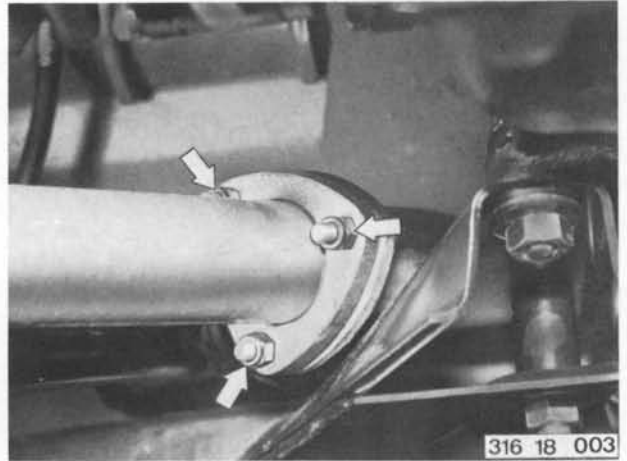
18 12 001 REPLACING PRIMARY AND FINAL MUFFLERS

Detach primary muffler at front exhaust pipe.

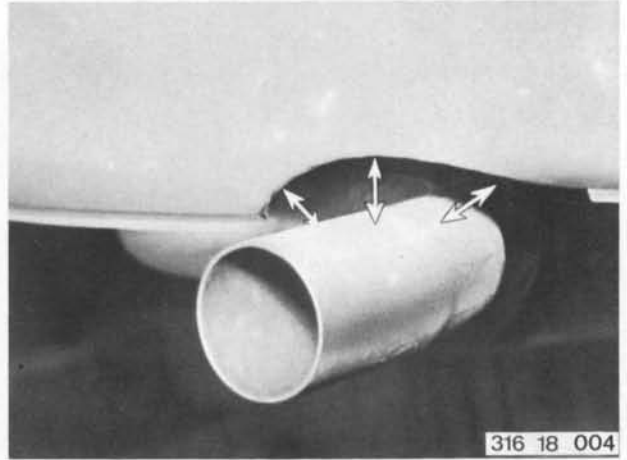


Detach final muffler at flange.

Installation Note! Before tightening final muffler align pipe that it cannot knock against any other part of car.



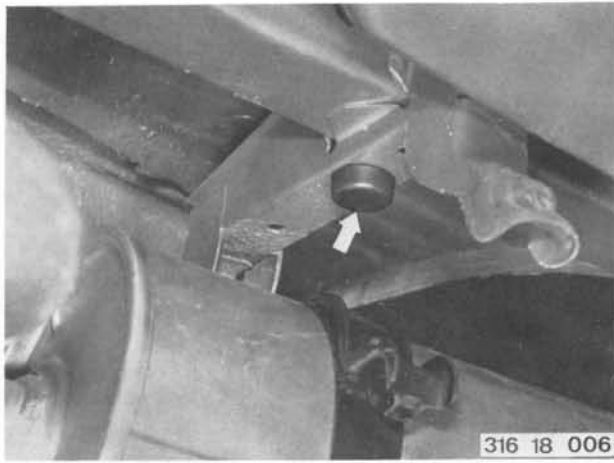
Align tailpipe with opening in body tail panel.  
Replace tailpipe ornamental extension.



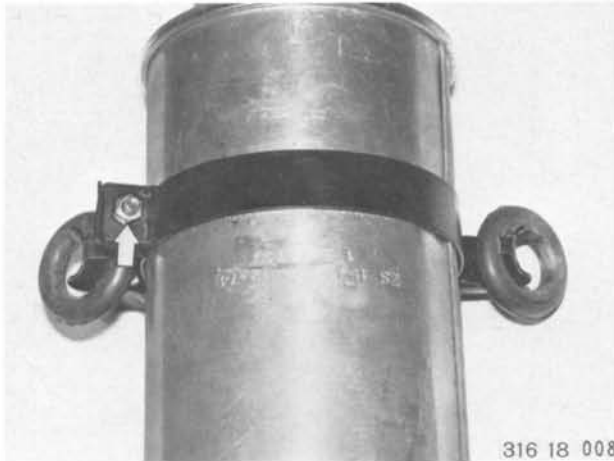
Detach and remove final muffler.  
Remove front exhaust pipe with primary muffler.

Installation Note! Replace porous or damaged rubber rings.

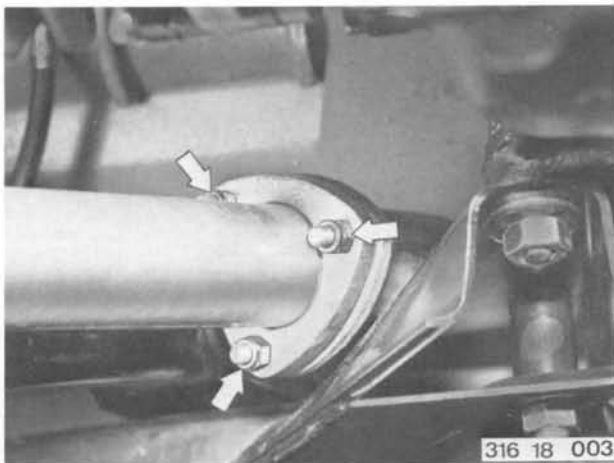




Installation Note! Check rubber stop.



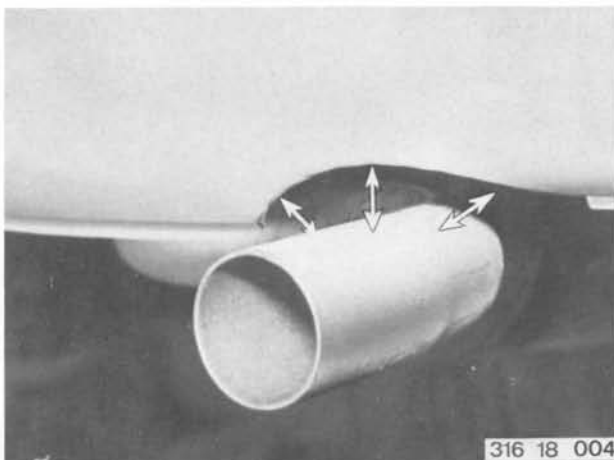
Take holder off of old and install on new final muffler.



18 12 030 REMOVING AND INSTALLING OR REPLACING  
FINAL MUFFLER

Detach final muffler at flange.

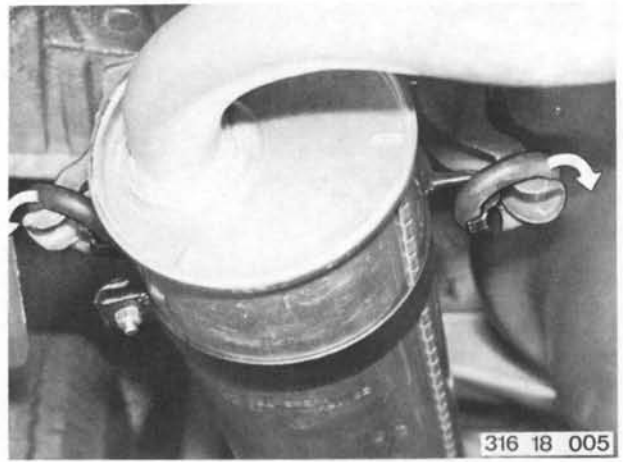
Installation Note! Before tightening final muffler align pipe that it cannot knock against any other part of car.



Align tailpipe with opening in body tail panel.  
Replace tailpipe ornamental extension.

Detach and remove final muffler.

Installation Note! Replace porous or damaged rubber rings.



Installation Note! Check rubber stop.



Take holder off of old and install on new final muffler.

