

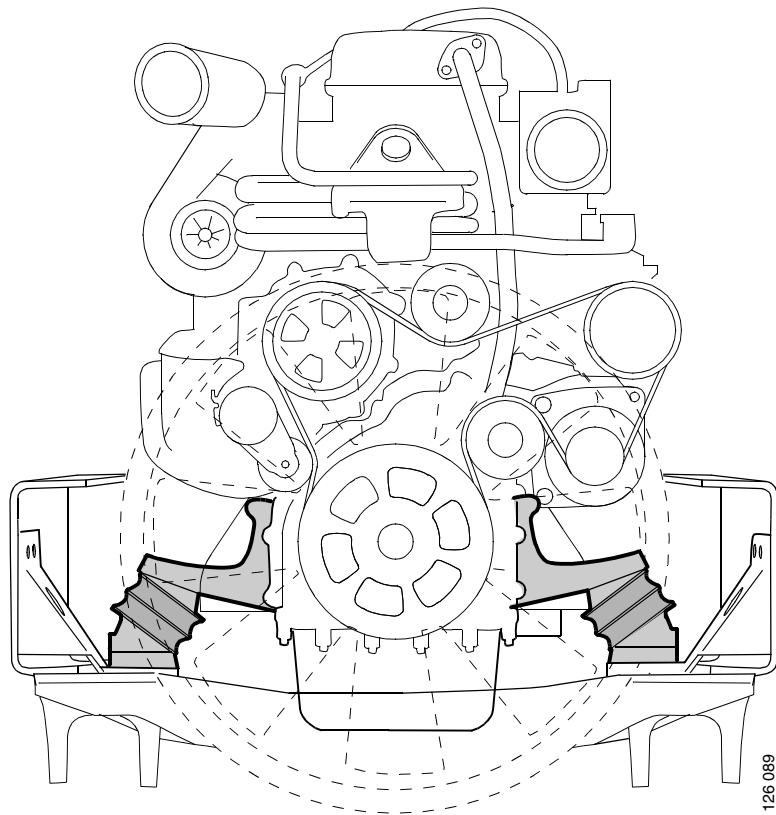
**SCANIA**

**01:00-06**

Issue 1 en

# Engine suspension

## Work description



# Engine suspension

The following description applies to the engine suspension on vehicles manufactured after January 2003.

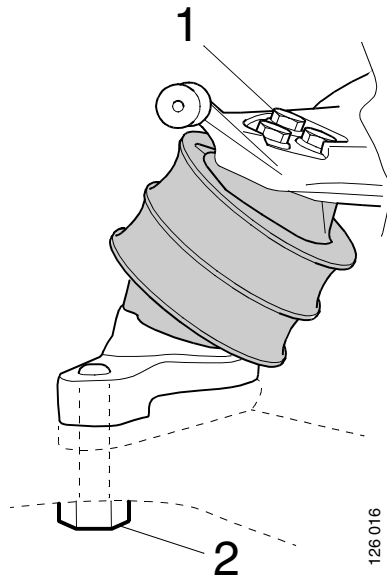
For a complete description of how to lift the engine, please refer to the relevant work description.

## Vehicles with parabolic suspension

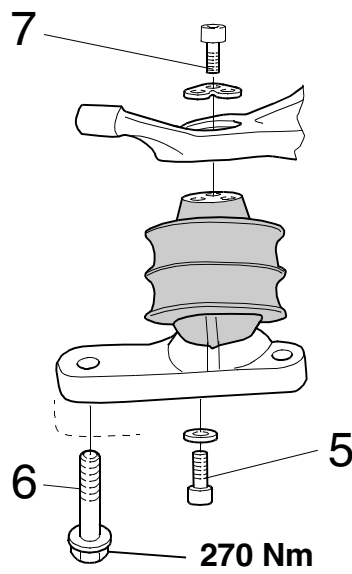
### Renewing the vibration insulator

Removal	Remarks	
1	Remove the bolts holding together the vibration insulator and the engine bracket.	
2	Remove the bolts holding the bracket in the frame.	
3	Lift the engine so that the bracket and vibration insulator can be removed.	For a complete description, refer to the relevant work description.
4	Unscrew the vibration insulator from the bracket.	

Fitting	Remarks	
5	Fit a new vibration insulator to the bracket.	
6	Attach the bracket and vibration insulator to the frame.	Tightening torque: 270 Nm.
7	Lower the engine and tighten all bolts in the engine bracket.	<b>Important!</b> Make sure that the fan ring is correctly positioned.



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## Vehicles with air suspension

### Renewing the vibration insulator

Removal		Remarks
1	Drain the coolant and undo and move away the thermostat housing.	Only on vehicles with retarder.
2	Detach the cable duct, cut the front cable tie and move the cable cluster to the side.	Left-hand side.
3	Remove the bolts holding the bracket in the frame.	Start with the M16 bolts.
4	Lift the engine slightly to relieve the vibration insulator.	For a complete description, refer to the relevant work description.
5	Remove the bolts holding together the vibration insulator and the engine bracket.	
6	Remove the vibration insulator and the bracket.	If necessary, detach the fan ring brackets for better accessibility.
7	Unscrew the vibration insulator from the bracket.	
Fitting		Remarks
8	Fit a new vibration insulator to the bracket.	
9	Attach the bracket and vibration insulator to the frame.	Tightening torque, M16: 270 Nm, M10: standard torque 50 Nm.
10	Tighten the fan ring brackets if they were detached earlier.	
11	Lower the engine and tighten all bolts in the engine bracket.	<b>Important!</b> Make sure that the fan ring is correctly positioned.
12	Fit the cable cluster and the cable duct.	<b>Important!</b> Use new cable ties, it is important that the cable cluster is securely fastened.
13	Refit the thermostat housing and fill the system with coolant.	On vehicles with retarder.

