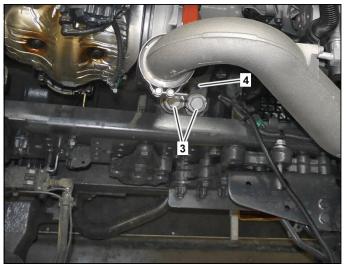
Engine 471.9 in model 963, 964, 969

with code M5D (3rd generation engine OM471)

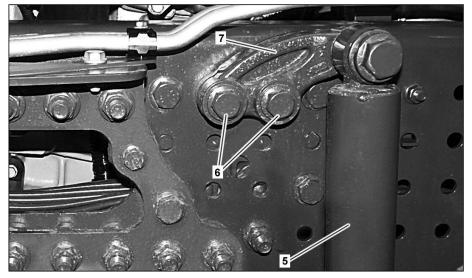




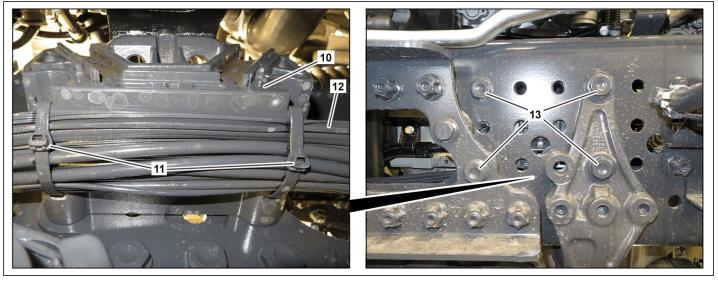
W22.10-A019-78

- 1 Screws
- 2 Left engine carrier
- Shown on vehicle with code A1A (Air-sprung front axle)
- 5 Left shock absorber
- 6 Screws
- 7 Left shock absorber holder

- 3 Screws
- 4 Right engine carrier



W22.10-A026-05



W22.10-A021-78

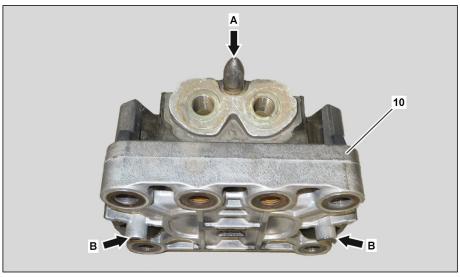
- 10 Left engine mount
- 11 Cable tie
- 8 Filler pipe
- 9 Oil pan

- 12 Wiring harness
- 13 Screws



W22.10-A024-75

- 10 Left engine mount
- A Guide pin
- B Guide pin



W22.10-A025-75

		1	
<u>↑</u> Warning	Risk of injury caused by body parts being pinched or crushed as cab is tilted	Ensure that no one is within the tilting range of the cab as it is being tilted. Always tilt the cab all the way to the end position and secure with the safety strut.	AS60.80-N-0001-01KOA
<u></u> Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts.	AS00.00-N-0017-01KOA
		Deburr repair panels.	
Notice	Notes on threaded connections fastened using a tightening angle-based tightening process		AH00.00-N-0020-01KOA
Notice	Notes on tilting the cab		AH60.80-N-0003-01A
XX	Remove/install		
1	Switch off the ignition and store the transmitter key outside of the signal transmission range (min. 2 m).		
2	Open the maintenance flap.		
3	Tilt the cab.		
4	Remove left and right noise capsule.	If installed.	
5	Remove right fender liner.		AR88.10-W-1300-01H
6	Remove fan from fan clutch.		AR20.40-W-5614-01HP
₩S	000 588 02 62 00 Load tilter		WS01.00-N-0129B
		Nm Screw/bolt, support clamp to bracket	BA20.40-N-1003-01O
		Nm Screw/bolt, fan to fan clutch	BA20.40-N-1001-01O
7	Attach suspension eyelets to engine.	Only for vehicles with code V1Y (LOADER)	AR01.10-W-2400-14HP
8	Unscrew screws (1) on left engine carrier (2).	Nm Bolt, front engine support to engine mount	BA22.10-N-1004-01W
9	Unscrew screws (3) on right engine carrier (4).	Nm Bolt, front engine support to engine mount	BA22.10-N-1004-01W
10	Remove left shock absorber (5).	Only for vehicles with code A1A (front axle, air-sprung)	AD22.25 W 0405H
11	Unscrew screws (6) and remove left shock	Only for vehicles with code A1A (front axle,	AR32.25-W-0105H
	absorber holder (7).	air-sprung) Nm Shock absorber mount to engine mount	BA22.10-N-1009-01W
10	D " (0) (" " "	i Installation: Check sealing ring on filler	B/(22.10 14 1000 0144
12	Remove the filler pipe (8) from the oil pan (9).	pipe (8); replace if necessary.	
13	Raise engine.	Raise engine carefully. Otherwise, surrounding lines or detachable parts may be damaged during lifting. i Installation: Insert the guide pin (A) on the left engine carrier (2) and the right engine carrier (4).	AR22.10-W-1260-01HP
14	Remove cable ties (11) and expose wiring harness (12) on left engine mount (10).	i Installation: Replace cable ties (11).	
		[3] Pliers	352 589 02 37 00
15	Unscrew screws (13) and remove left engine mount (10) by pulling it downwards.	i Push wiring harness (12) to side. i Installation: Clean mounting surface of left engine mount (10) on frame. Insert the guide pins (B) into the frame. Repair paint damage to the screws (13) and the frame.	BA22.10-N-1005-01W
10		Boit, engine mount to name	
16	Install in reverse order.		

Nm Fan, fan clutch

Number Designation		Engine 471.9	
BA20.40-N-1001-01O	Screw/bolt, fan to fan clutch N	lm	26

$_{\mbox{\scriptsize Nm}}$ Fan, fan clutch

Number	lumber Designation		Engine 471.9
BA20.40-N-1003-01O	Screw/bolt, support clamp to bracket	٧m	25

Nm Engine mounts, engine supports

Number	Designation			Engine 471.9
BA22.10-N-1004-01W	Bolt, front engine support to engine mount	M18x1.5	Nm	330

Nm Engine mounts, engine supports

Number	Designation			Engine 471.9
BA22.10-N-1005-01W	Bolt, engine mount to frame	Stage 1	Nm	225
		Stage 2	∡ °	90

$_{\mbox{\scriptsize Nm}}$ Engine mounts, engine supports

Number	Designation			Engine 471.9
BA22.10-N-1009-01W	Shock absorber mount to engine mount	Stage 1	Nm	225
		Stage 2	∡ °	90



Pliers