

JAGUAR 880-830

Repair Manual

Validity of manual

This manual applies to the machine / front attachment:

Designation	Type	Serial no.	
		from	to
JAGUAR 880-830	496	496 00011	–

	Special tool (II)	Pcs.
1	Connecting rod 225 mm 00 0181 606 0	1
2	Striking tool 00 0181 604 0	1

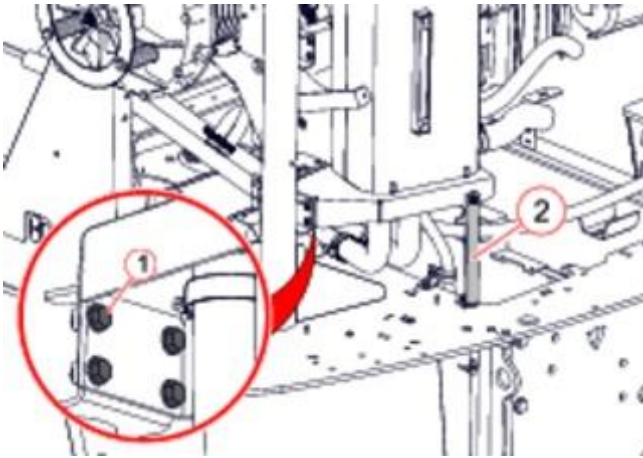
Removing on OM 502 LA.E3A

- ▶ Remove the rear left mud guard.
- ▶ Drain the transfer gearbox oil as described in the Operator's Manual.
- ▶ Remove belt (R01).
Belt (R01) of main drive
- ▶ Remove the ground drive hydraulic pump (2011).
Ground drive hydraulic pump

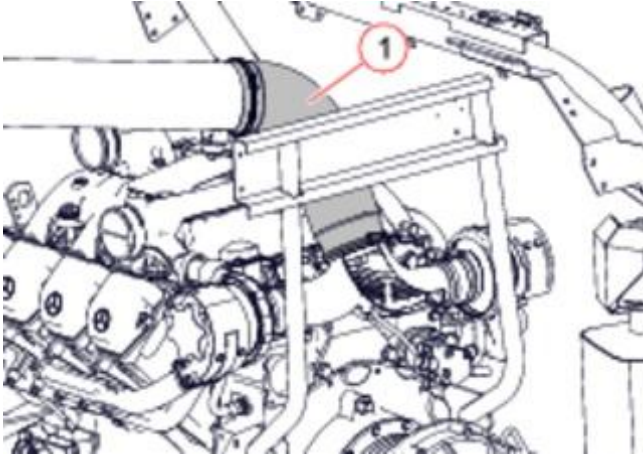
Do **not** remove hydraulic lines from the pump.

- ▶ Remove the silencer.
OM 502 LA with 1x exhaust turbo charger:
Silencer

OM 502 LA with 2x exhaust turbo charger:
Silencer

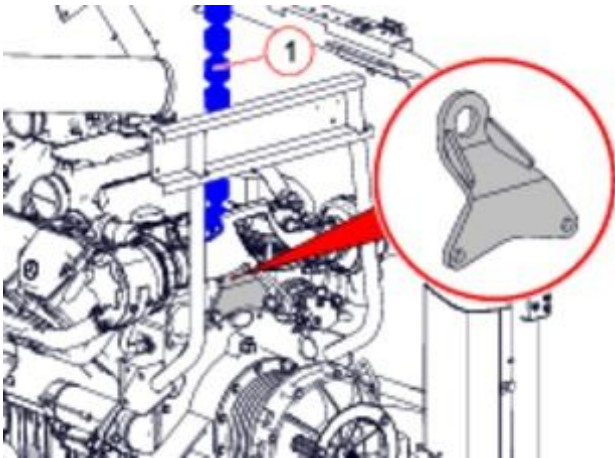


- ▶ Slackening the hydraulic oil tank off of the bracket:
 - ▶ Unscrew bolts (1).
 - ▶ Unscrew bracket (2).
 - ▶ Do **not** unscrew hydraulic lines from the tank.



⌚

- ▶ Remove the inlet manifold (1).



⌚

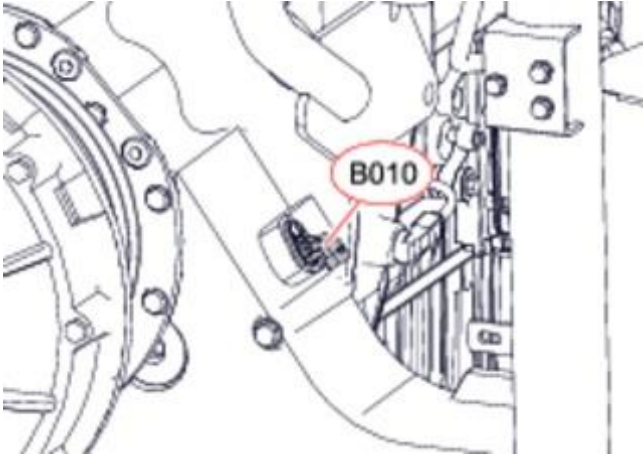
⚠ WARNING!

Lifting heavy components.

Risk of death or serious injury.

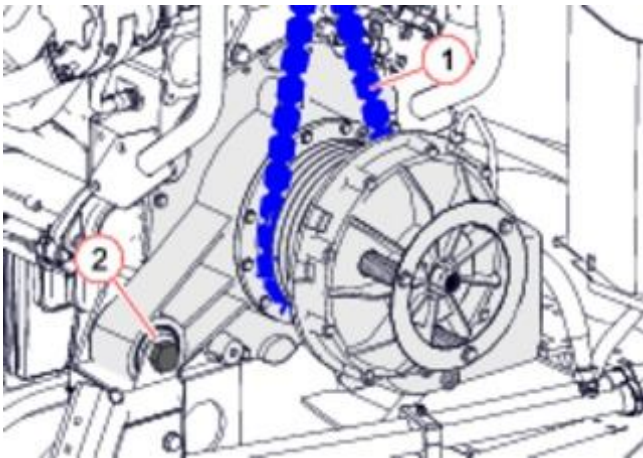
- ▶ Use a lifting tool with a sufficient bearing load.
- ▶ Use a lifting tool that operates reliably.
- ▶ Use the lifting tool on solid and even ground.
- ▶ Attach the lifting tool to the component at the intended or a suitable position.
- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend the diesel engine in suitable lifting equipment (1) at the specified suspension point.



⌞

- ▶ Unlock and disconnect cable plug of sensor (B010).



⌞

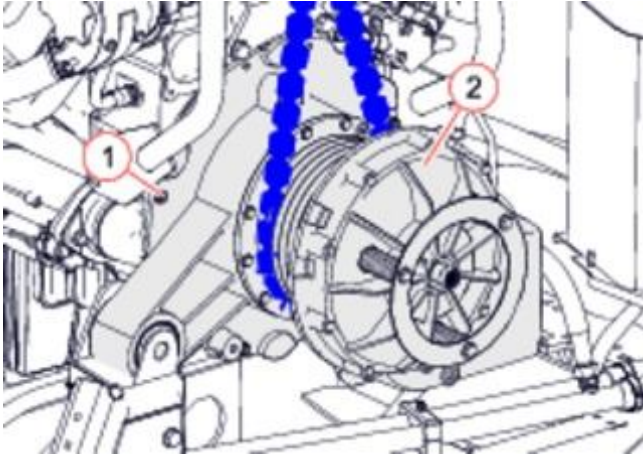
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- ▶ Attach the lifting tool to the component at the intended or a suitable position.
- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend transfer gearbox in suitable lifting equipment (1).
 - ▶ Unscrew bolt (2).

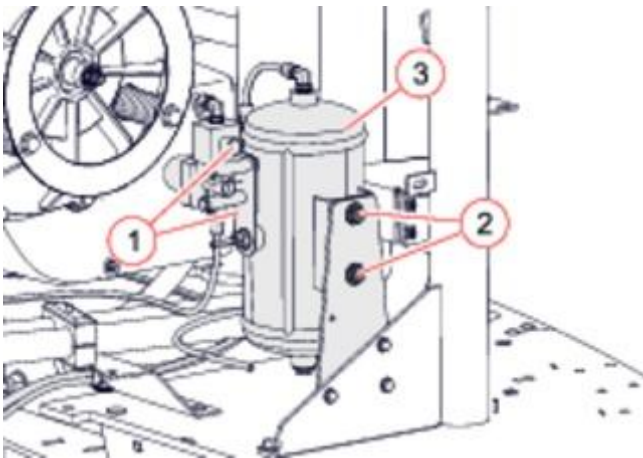


- ▶ Unscrew all bolts (1) and carefully pull off the transfer gearbox (2).

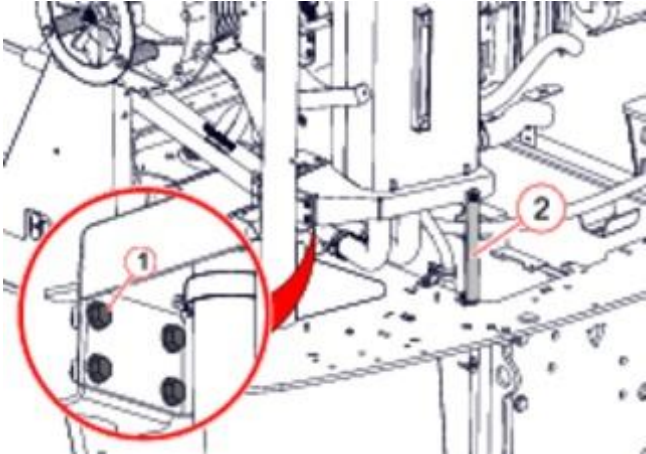
Removing on OM 502 LA.E3B

- ▶ Remove the rear left mud guard.
- ▶ Drain the transfer gearbox oil as described in the Operator's Manual.
- ▶ Remove belt (R01).
Belt (R01) of main drive
- ▶ Remove the ground drive hydraulic pump (2011).
Ground drive hydraulic pump

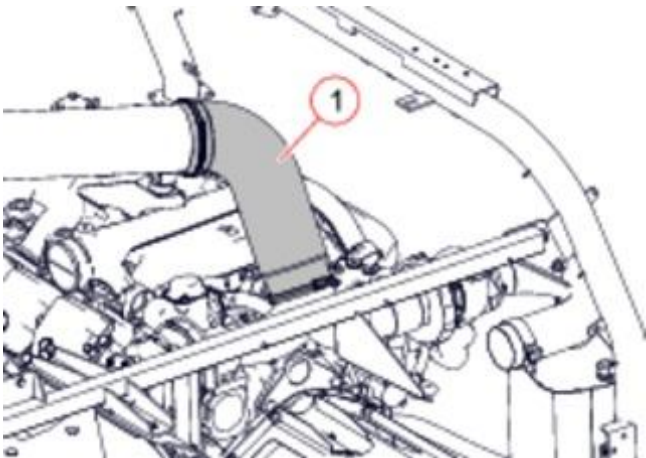
Do **not** remove hydraulic lines from the pump.



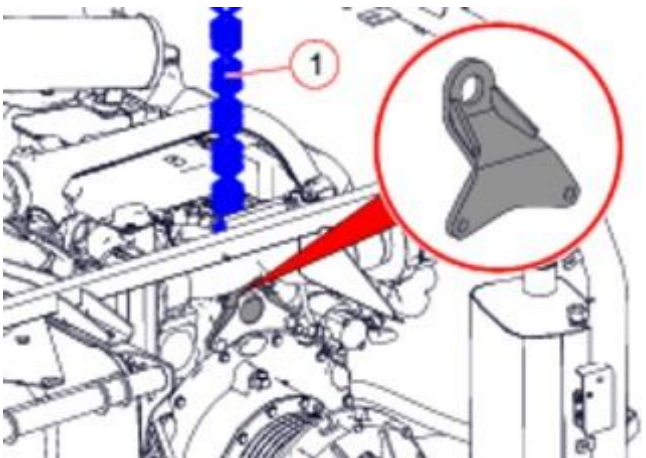
- ▶ Unlock and disconnect cable connector at (1).
- ▶ Unscrew bolts (2).
- ▶ Put compressed air reservoir (3) aside.
 - ▶ Do **not** remove the compressed air lines from the reservoir.



- ▶ Slackening the hydraulic oil tank off of the bracket:
 - ▶ Unscrew bolts (1).
 - ▶ Unscrew bracket (2).
 - ▶ Do **not** unscrew hydraulic lines from the tank.



- ▶ Remove the inlet manifold (1).



⚠ WARNING!

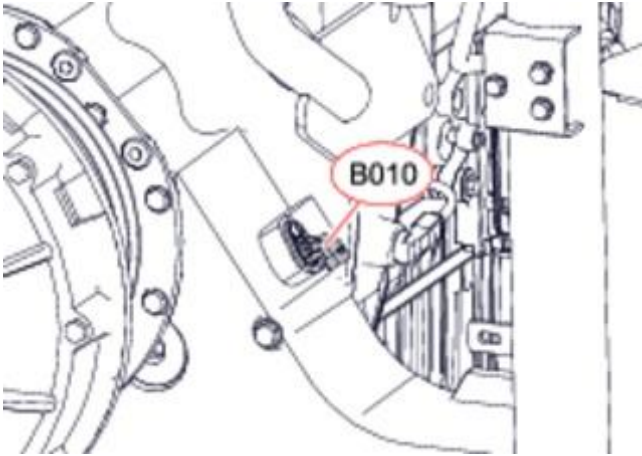
Lifting heavy components.

Risk of death or serious injury.

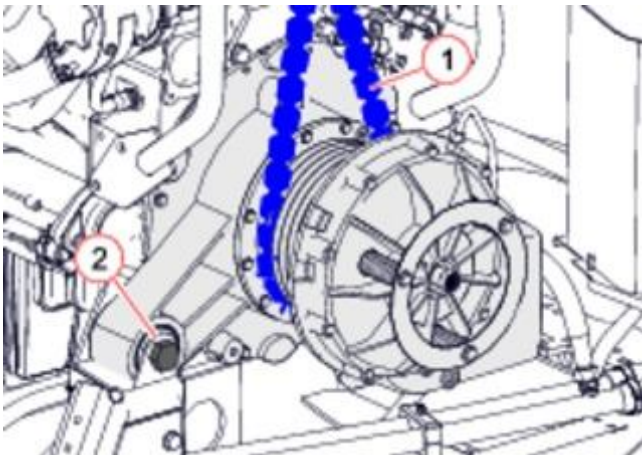
- ▶ Use a lifting tool with a sufficient bearing load.
- ▶ Use a lifting tool that operates reliably.

- ▶ Use the lifting tool on solid and even ground.
 - ▶ Attach the lifting tool to the component at the intended or a suitable position.
 - ▶ Only use faultless and sufficiently dimensioned lifting accessories.
 - ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.
-

- ▶ Suspend the diesel engine in suitable lifting equipment (1) at the specified suspension point.



- ▶ Unlock and disconnect cable plug of sensor (B010).



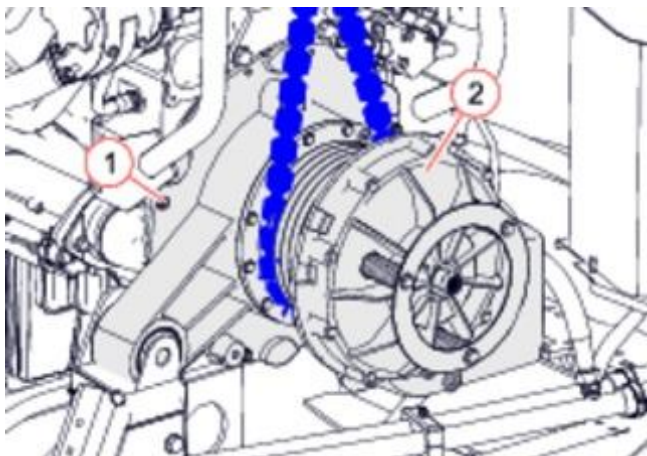
⚠ WARNING!

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-

- ▶ Suspend transfer gearbox in suitable lifting equipment (1).
- ▶ Unscrew bolt (2).



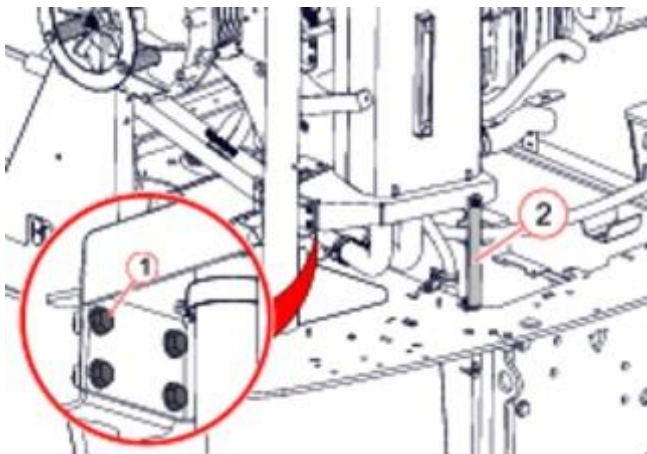
- ▶ Unscrew all bolts (1) and carefully pull off the transfer gearbox (2).

Removing on OM 460 LA.E3A

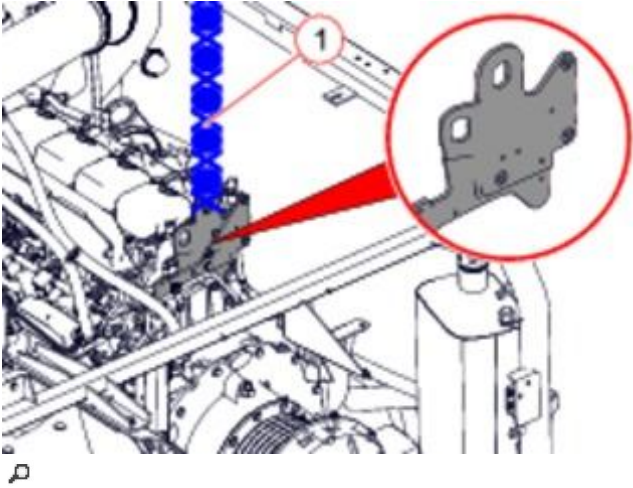
- ▶ Remove the rear left mud guard.
- ▶ Drain the transfer gearbox oil as described in the Operator's Manual.
- ▶ Remove belt (R01).
Belt (R01) of main drive
- ▶ Remove the ground drive hydraulic pump (2011).
Ground drive hydraulic pump

Do **not** remove hydraulic lines from the pump.

- ▶ Remove the silencer.
Silencer



- ▶ Slackening the hydraulic oil tank off of the bracket:
 - ▶ Unscrew bolts (1).
 - ▶ Unscrew bracket (2).
 - ▶ Do **not** unscrew hydraulic lines from the tank.



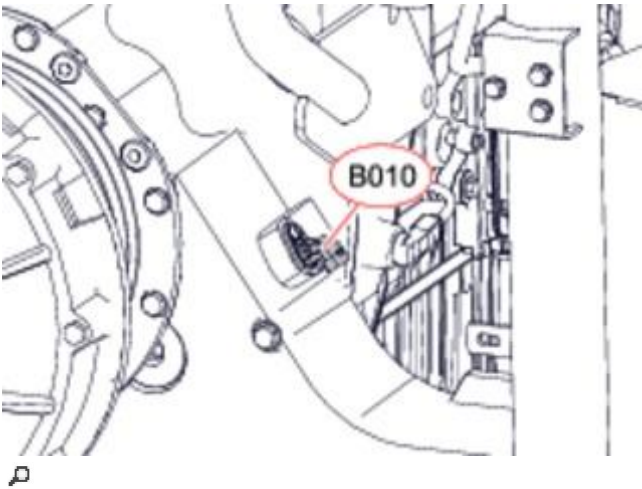
⚠ WARNING!

Lifting heavy components.

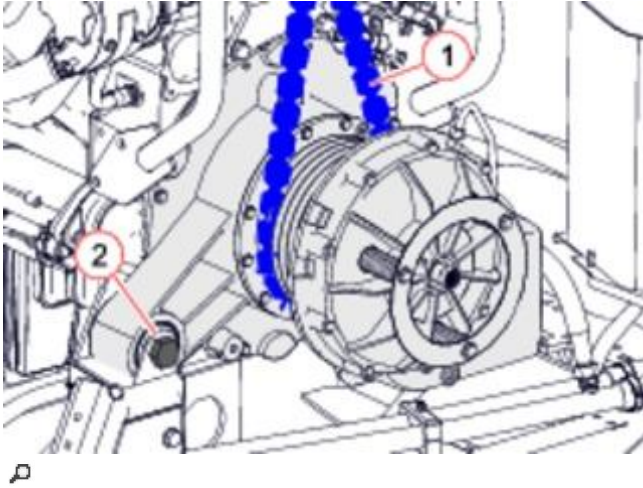
Risk of death or serious injury.

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- ▶ Use a lifting tool that operates reliably.
- ▶ Use the lifting tool on solid and even ground.
- ▶ Attach the lifting tool to the component at the intended or a suitable position.
- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend the diesel engine in suitable lifting equipment (1) at the specified suspension point.



- ▶ Unlock and disconnect cable plug of sensor (B010).



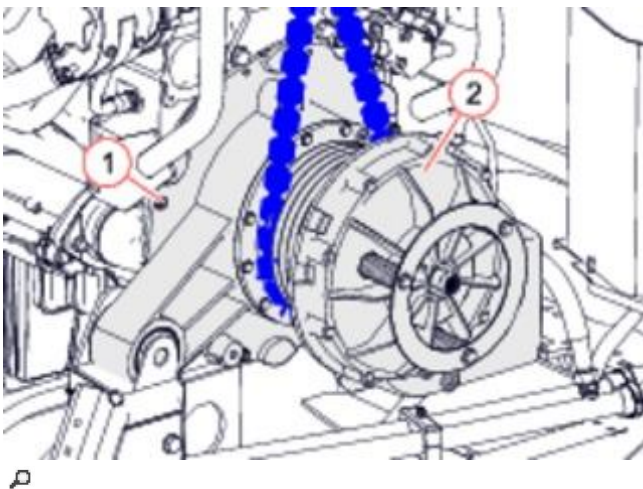
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- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend transfer gearbox in suitable lifting equipment (1).
 - ▶ Unscrew bolt (2).



- ▶ Unscrew all bolts (1) and carefully pull off the transfer gearbox (2).

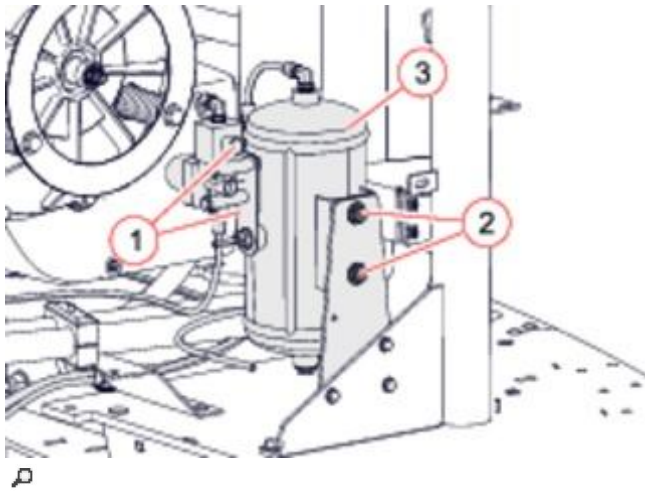
Removing on OM 460 LA.E3B

- ▶ Remove the rear left mud guard.
- ▶ Drain the transfer gearbox oil as described in the Operator's Manual.
- ▶ Remove belt (R01).
Belt (R01) of main drive

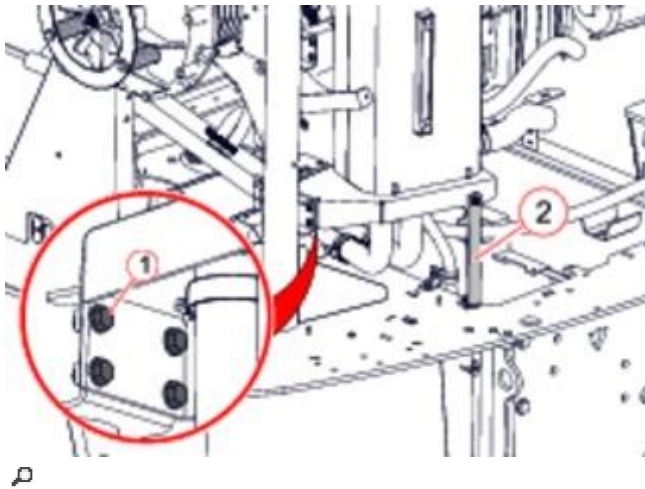
- ▶ Remove the ground drive hydraulic pump (2011).
Ground drive hydraulic pump

Do **not** remove hydraulic lines from the pump.

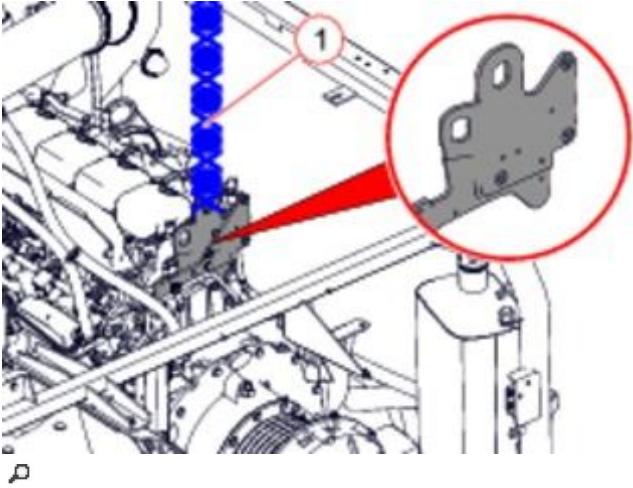
- ▶ Remove the exhaust gas piping.
Exhaust gas piping



- ▶ Unlock and disconnect cable connector at (1).
- ▶ Unscrew bolts (2).
- ▶ Put compressed air reservoir (3) aside.
 - ▶ Do **not** remove the compressed air lines from the reservoir.



- ▶ Slackening the hydraulic oil tank off of the bracket:
 - ▶ Unscrew bolts (1).
 - ▶ Unscrew bracket (2).
 - ▶ Do **not** unscrew hydraulic lines from the tank.



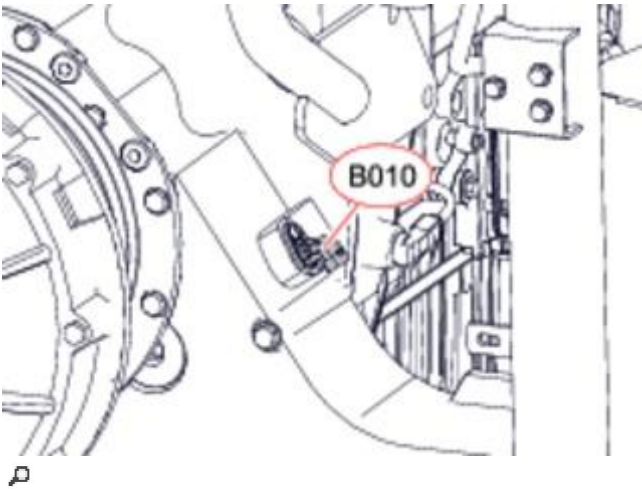
⚠ WARNING!

Lifting heavy components.

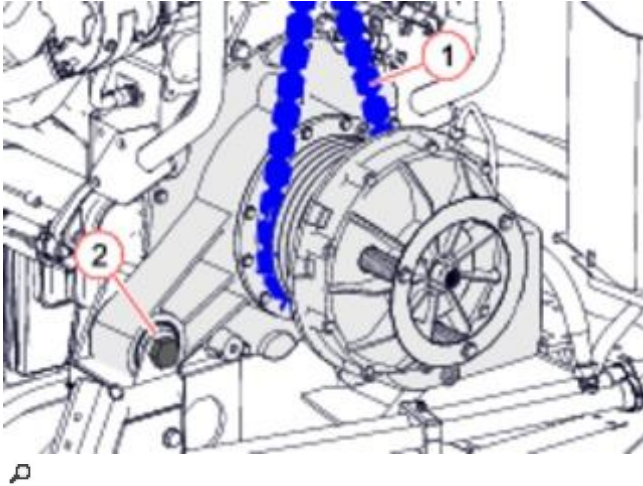
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- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend the diesel engine in suitable lifting equipment (1) at the specified suspension point.



- ▶ Unlock and disconnect cable plug of sensor (B010).



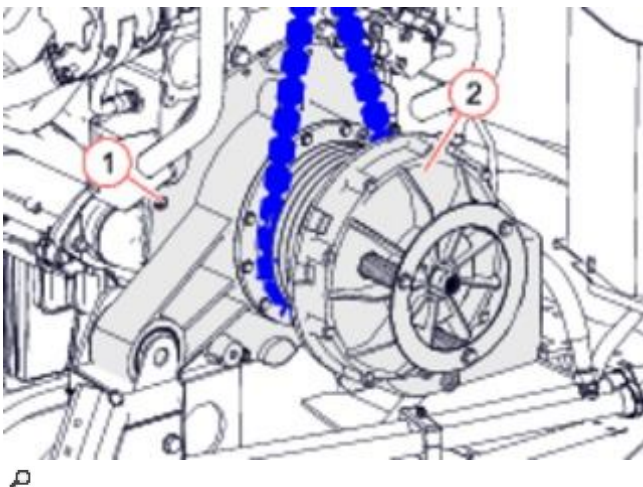
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- ▶ Only use faultless and sufficiently dimensioned lifting accessories.
- ▶ Protect lifting accessories against sharp corners and edges, for example using protectors.

-
- ▶ Suspend transfer gearbox in suitable lifting equipment (1).
 - ▶ Unscrew bolt (2).



- ▶ Unscrew all bolts (1) and carefully pull off the transfer gearbox (2).

Disassembling

- ▶ Remove the engine output clutch.
Engine output clutch
- ▶ Remove the quick stop brake disc.
Engine output quick stop

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