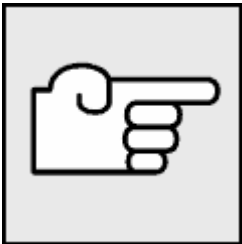


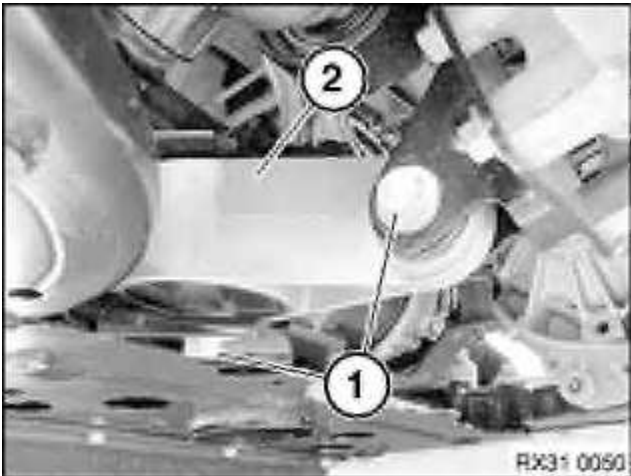
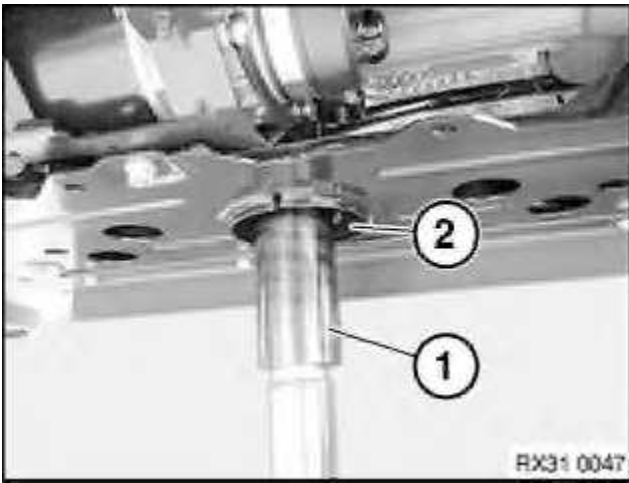
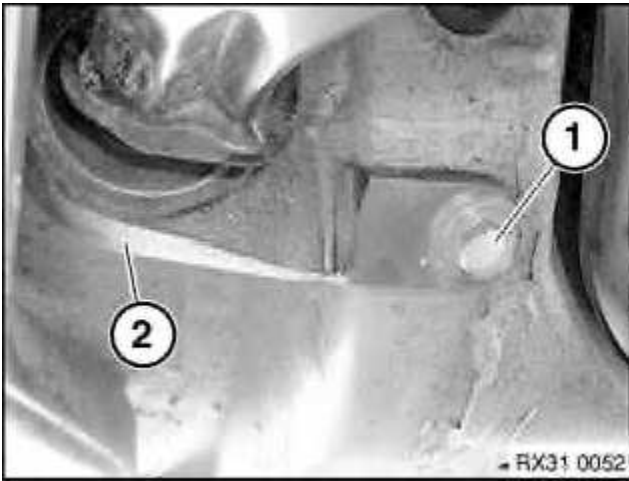


BMW TIS - 24 11 001 Removing and installing/sealing or replacing transmission fluid sump

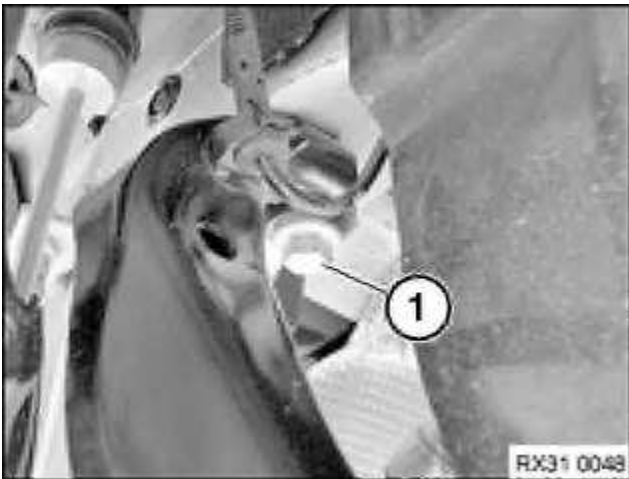
24 11 001	Removing and installing/sealing or replacing transmission fluid sump
	Note: After completion of work, check transmission fluid level.
	Important! Use only the approved automatic transmission fluid in this automatic transmission. Failure to comply with this requirement will result in serious damage to the automatic transmission! Do not drain fluid before the transmission has cooled down.
 <p>RX31 0042</p>	Unscrew retaining nuts ① of expansion tank/power steering and remove expansion tank from bulkhead.
 <p>RX31 0050</p>	Remove underbody protection . Remove wheel arch trim for front left wheel . Remove both impact tubes . Remove mounting bolts ① and ② of lower stabilizer. Tightening torque 11 12 16AZ . Tightening torque 11 12 17AZ .



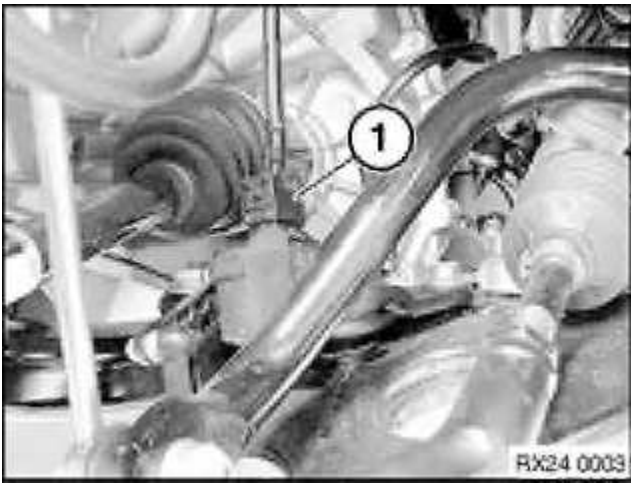
Position hydraulic gearbox jack (1) at jacking point (2) on chassis subframe.



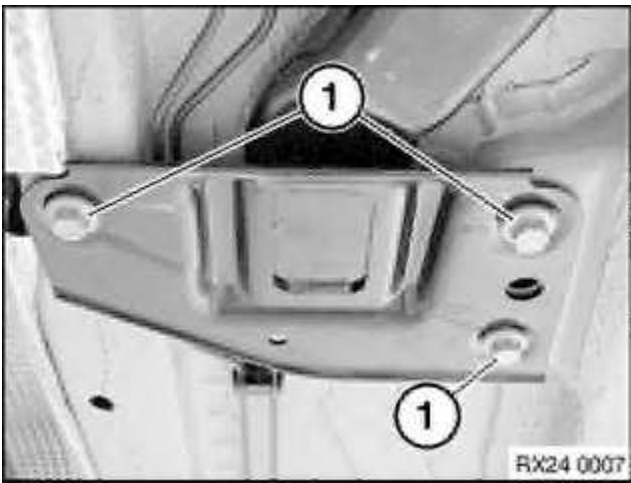
Remove bolts (1) holding the housing of rubber mount (2) at the left and right on the car body.



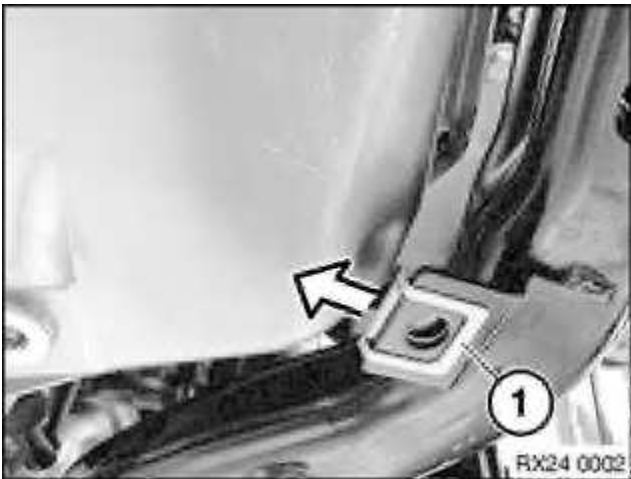
Undo centre bolts (1) for left and right chassis subframe at vehicle body.
Tightening torque 31 11 1AZ .



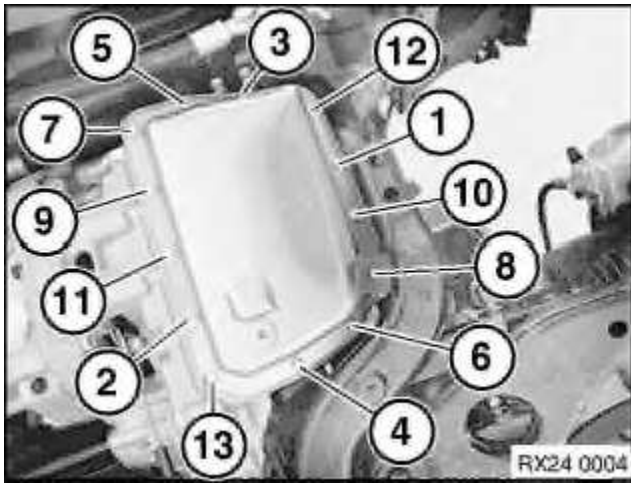
Disconnect headlight position sensor ① (depending on equipment).



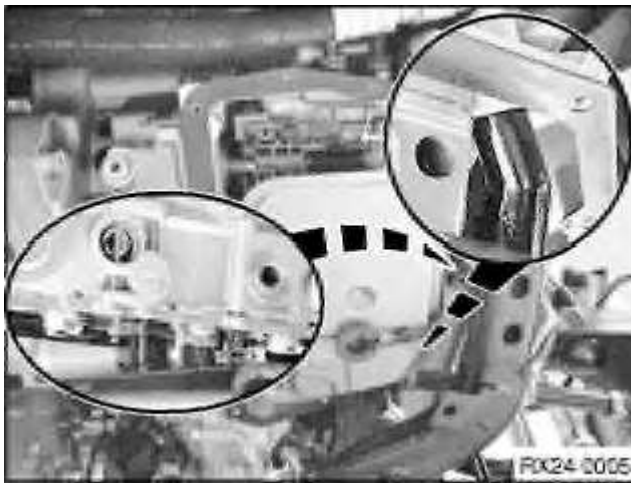
Release bolts on left and right ① approx. 10 mm and lower chassis subframe.
Note: Do not remove the hydraulic transmission lifter during this work step.
Tightening torque 31 11 2AZ .



Remove retaining clip ① of assembly underside protection.
Drain off transmission fluid .



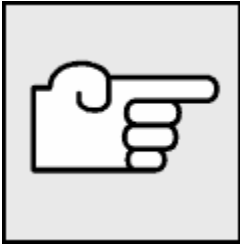
Unscrew fluid sump mounting bolts in specified sequence (13-1) and remove fluid sump.
Tightening torque 24 11 3AZ .
Remove sump gasket.
Clean sealing surfaces.
Installation:
Tighten down screws fluid sump mounting bolts in specified sequence (1-13).
Replace oil sump gasket.



Make sure fluid strainer is correctly positioned on valve block.

24 31 151

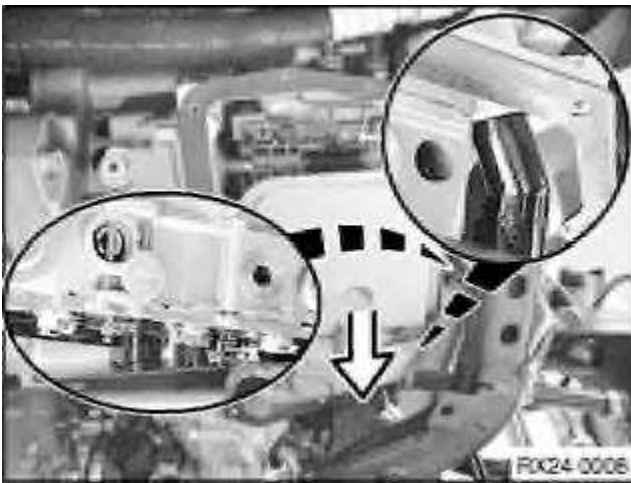
Removing and installing/replacing transmission fluid strainer



Note:
After completing operation, check transmission fluid level and if necessary top up transmission fluid .



Important!
Use only the approved automatic transmission fluid in this automatic transmission.
Failure to comply with this requirement will result in serious damage to the automatic transmission!



Remove transmission fluid sump .
Pull transmission fluid strainer away in order to remove from valve block.
Installation:
Make sure fluid strainer is correctly positioned on valve block.



Remove magnet from position ①.
Clean solenoid.
Replace fluid strainer and insert magnet.
Lubricate sealing ring ② with clean ATF.
Installation:
Make sure magnet is correctly positioned on fluid strain