

## REP-REP-RAE7031-3112004 Removing and installing/renewing left or right lower control arm&comma; VIN: L424507

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ISTA system version	4.01.21.17412	Data version	R4.01	Programming data	-
VIN	L424507	Vehicle	X'/E70/off-road vehicle/X5 xDrive50i/N63/AUTO/US/LL/2011/10		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	0 km				

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31 12 004

**Removing and installing/renewing left or right lower control arm**



### Special tools required:

- [31 2 240](#)
- [31 2 247](#)
- [31 5 220](#)



### Note:

If the lower control arm is detached from the front axle carrier, it is necessary after reinstallation to carry out a wheel/chassis alignment check.



### Necessary preliminary tasks:

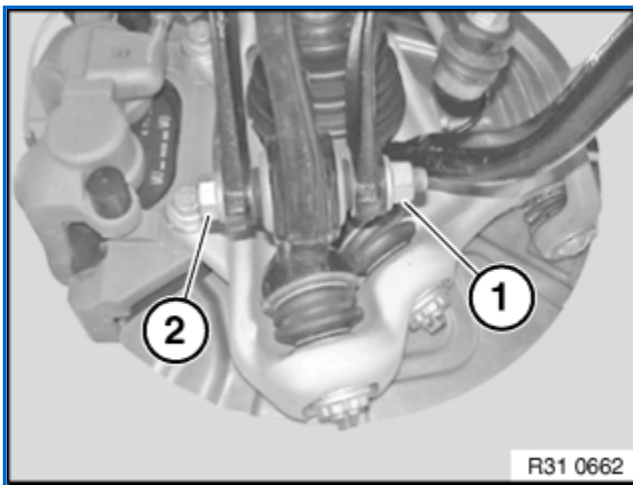
- Remove [front wheel](#)
- Remove [steering gear cover at side bottom](#)

Secure special tool [31 5 220](#) with wheel studs to drive flange.

Support swivel bearing with special



tool [31 5 220](#) and workshop jack.



Release nut (1) and remove screw (2).

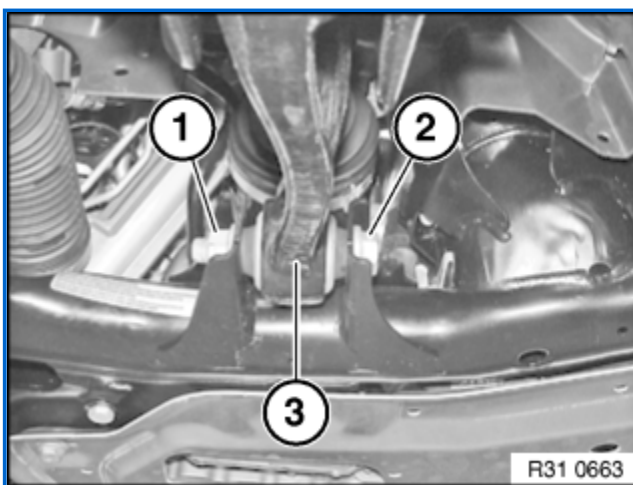
*Installation:*

Replace screw and nut.

Note insertion direction of screw.

Tighten bolt connection in [normal position](#).

Tightening torque [31 12 7AZ](#).



Slacken nut (1).

Remove screw (2) and remove control arm (3) from front axle carrier.

*Installation:*

Note insertion direction of screw.

Replace self-locking nut.

Tighten bolt connection in [normal position](#).

Tightening torque [31 12 3AZ](#).

**Important!**

Do not release control arm from swivel

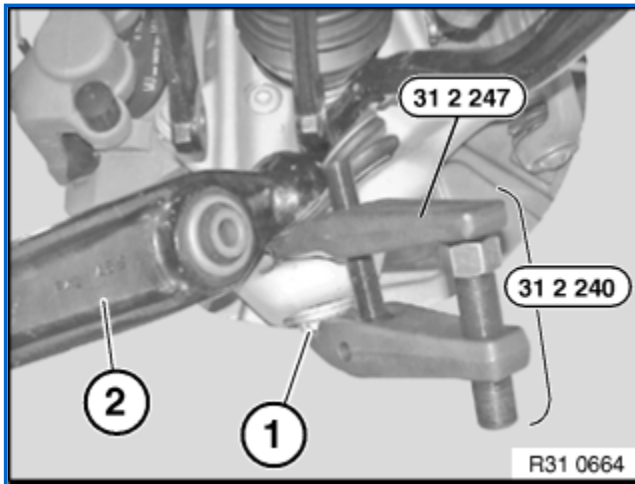


bearing with impact tool.

Make sure special tool rests correctly on steel bushing of swivel bearing. The swivel bearing must be removed if the steel bushing moves.

Rubber gaiter of control arm must not be damaged!

Do not pull stainless steel ring off journal.



Slacken nut (1) two to three thread turns.

If necessary, replace lower section 31 2 242 with lower section [31 2 247](#).

Press control arm (2) with special tool [31 2 240](#) off swivel bearing.

Unscrew nut (1) and remove control arm (2) from swivel bearing.

*Installation:*

Keep control arm to swivel bearing connection clean and free from oil and grease.

Replace self-locking nut.

Tightening torque [31 12 4AZ](#).



**After installation:**

- Perform [chassis alignment check](#)
- [adjustment for active steering](#)
- Teach in software stop for electrical steering box
- Carry out [steering angle sensor adjustment](#)