



Repair instructions

Remove/install manual gearbox

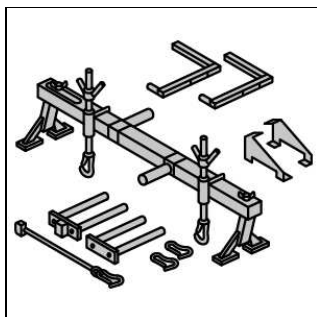
5 gear 0A4

AUDI; A3 (8P1); 1.6 TDI; kW: 77

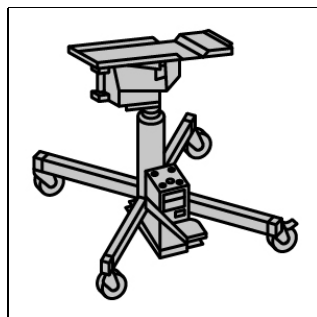
NOTE

**Note radio code. Disconnect battery (negative terminal).
Do not step on clutch pedal with clutch slave cylinder removed.**

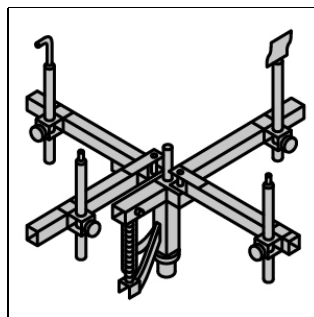
Required special tools



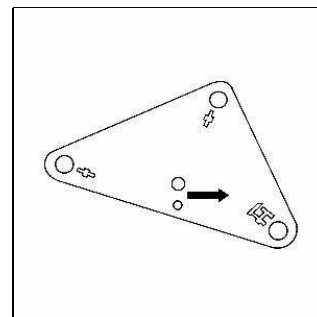
Engine bridge
OE (10-222 A)



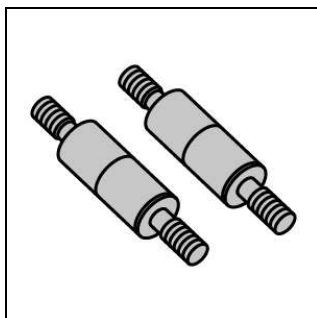
gearbox lifter
OE (VAG 1383 A)



Gearbox mounting
OE (3282)



Adjusting plate
OE (3282/39)



Bolt
OE (3282/29)

Required Labour times/torques

Scheduled times

Remove/install gearbox	with automated shift gearbox 4,70 h; 5 gear 0A4 3,70 h
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Tightening torques

Self-locking screws and nuts must always be replaced.

Cable line mounting flange (1)	(see figure 3)		20 Nm
Screw(s) (1)	(see figure 4)	Replace screws.	
Clutch slave cylinder bolt(s) (3)	(see figure 4)		20 Nm
Engine gearbox connecting screw(s) (1) - (7)	(see figure 5)	Replace screws.	M10 40 Nm; M12 80 Nm
Gearbox bearing screw(s) (1)	(see figure 6)	Replace screws.	at gearbox holder 60 Nm + 90°; on chassis 40 Nm + 90°
Drive flange	(see figure 8)		
Torque arm	(see figure 9)	Replace bolt.	At the gearbox 50 Nm + 90°; at subframe 100 Nm + 90°
Gearbox support bolt(s) (1)	(see figure 11)	Replace screws.	At the gearbox 40 Nm + 90°
Wheels			120 Nm

Remove

Note radio code.

Remove engine cover(s).

Remove air intake hoses from air filter housing.

Remove air filter housing.

Remove battery.

Remove battery console.

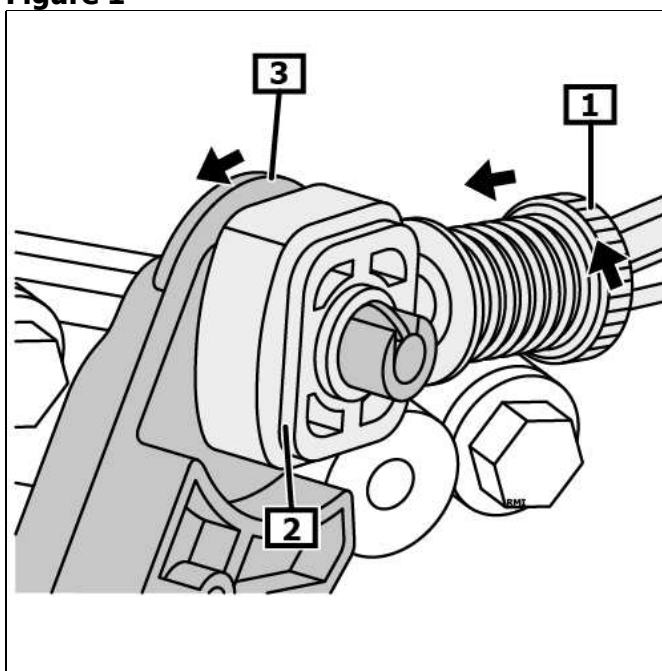
Disconnect starter motor cable(s).

Press guide sleeve(s) forward as far as they will go. **(1)(2) (in the direction of the arrow)**

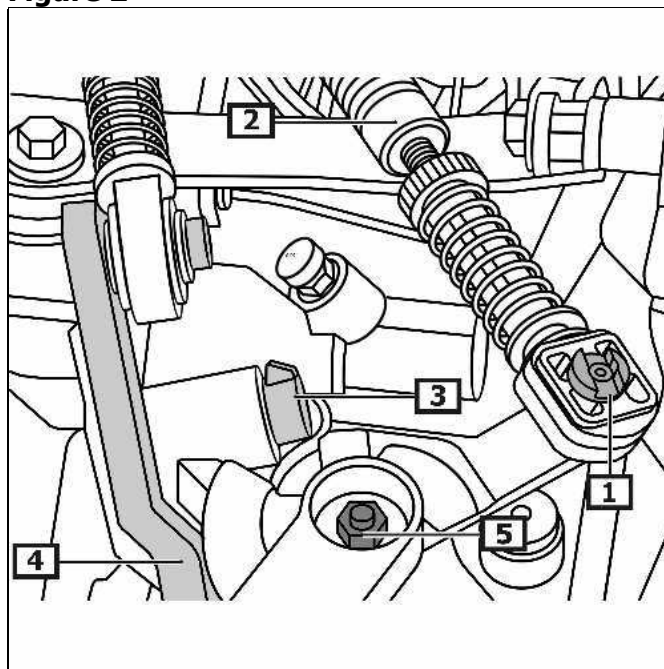
Press guide sleeve(s) to the right as far as they will go and have them engage. **(in the direction of the arrow)**

Press reversing lever forward. **(3)**
(see figure 1)

Figure 1

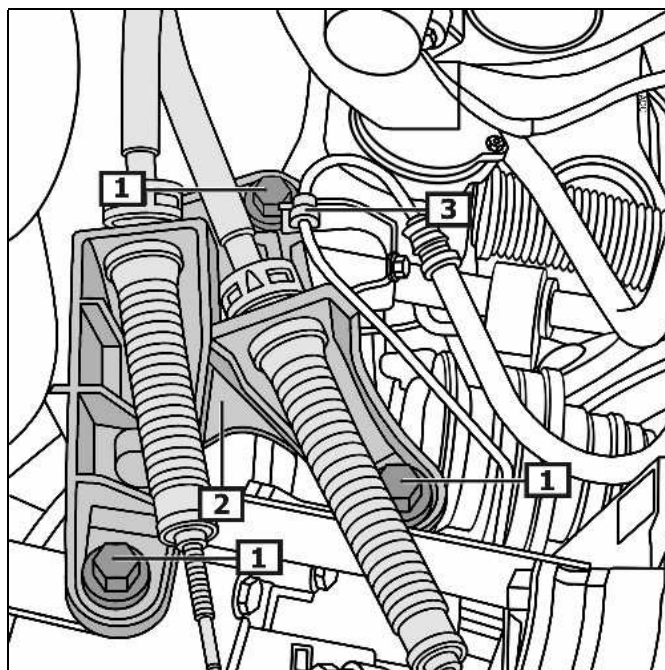


Remove locking washer(s). **(1)**
Disconnect selector cable from gearbox. **(2)**
Remove reversing lever along with cable. **(4)**
Remove gearshift lever.
(see figure 2)

1 Guide bushing(s)**2 Selector cable****3 Reversing lever****Figure 2****1 Locking ring****2 Shift cable****3 Notch(es)****4 Reversing lever****5 Shift lever nut(s)**

Unscrew screw(s). **(1)**
Remove cable line mounting flange. **(2)**
Fasten component(s) up.
(see figure 3)

Figure 3



1 Cable line mounting flange
support screw(s)

2 Demount cable line
mounting flange and put it
aside.

3 Hose line(s) bracket

Remove hydraulic line holder.

Unscrew screw(s). (1)

Remove support(s). (2)

Unscrew clutch slave cylinder bolt(s). (3)

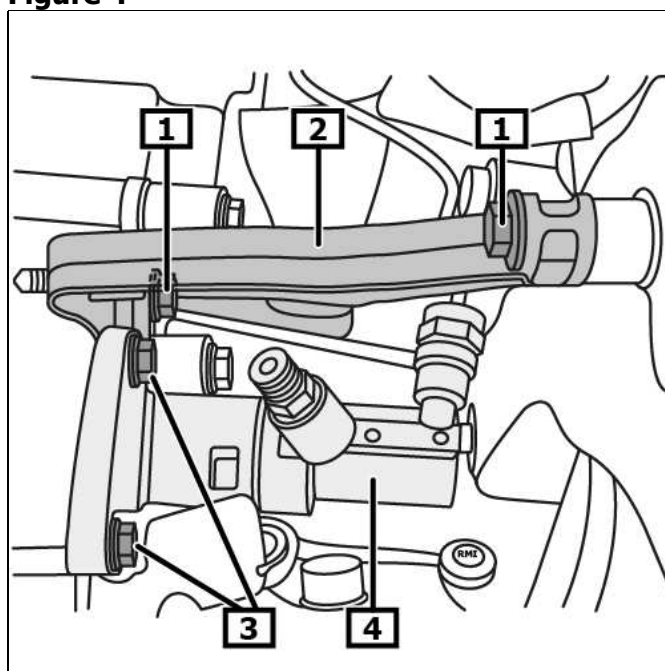
Remove clutch slave cylinder. (4)

Line remains connected!

**Do not step on clutch pedal with clutch slave
cylinder removed.**

(see figure 4)

Figure 4



1 Screw(s)

2 Support(s) Gearbox

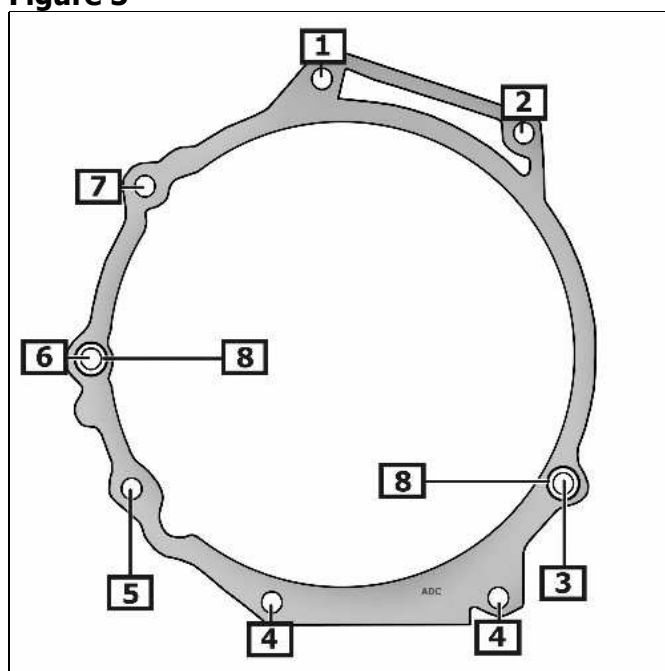
3 Clutch slave cylinder
bolt(s)

4 Clutch slave cylinder

Unscrew gearbox connecting screw(s). **(1)(2)**
(see figure 5)

Remove crankcase breather hose.
Remove air intake pipe from the turbo charger.
Install engine bridge.

Figure 5



1 Screw(s) M12 x 50

2 Screw(s) M12 x 50

3 Screw(s) M10 x 60

4 Screw(s) M10 x 50

5 Screw(s) M10 x 50

6 Screw(s) M12 x 150

7 Screw(s) M12 x 150

8 (Fitting sleeve)

Unscrew gearbox mounting bolt(s). **(1)**
(see figure 6)

Lift vehicle.

Remove underride guard.

Cabriolet

Remove engine compartment underguard bracket.

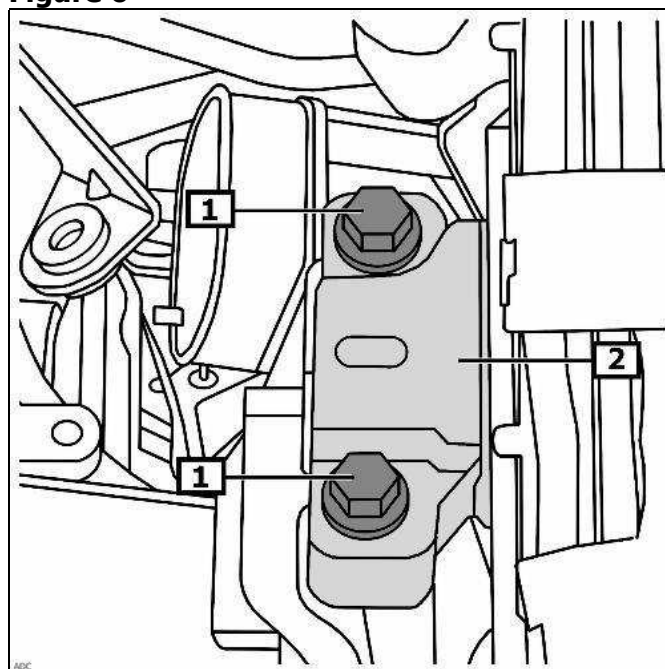
Continuation for all vehicles

Remove left and right wheel arch liners front.

Disconnect reverse gear plug.

Remove starter.

Figure 6



1 Gearbox bearing screw(s)

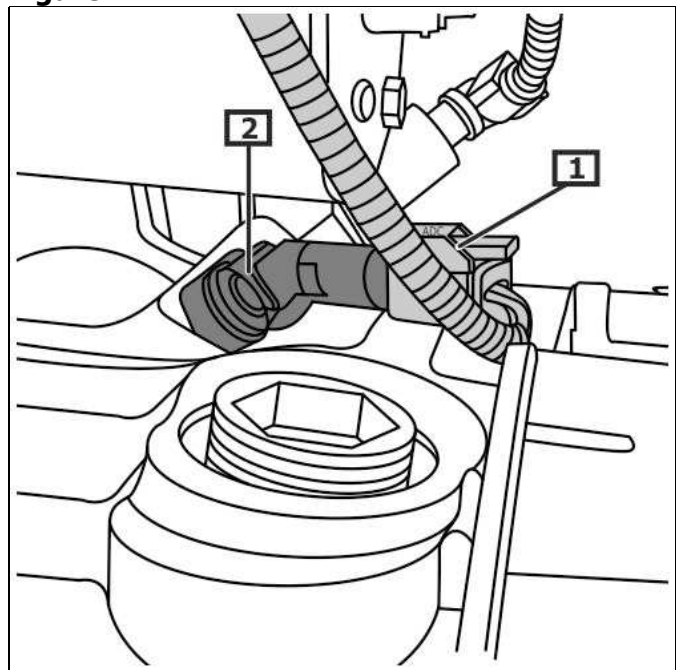
2 Gearbox mounting

Vehicles with start-stop system

Disconnect neutral-position sensor plug connection from the transmission. **(1)(2)**
(see figure 7)

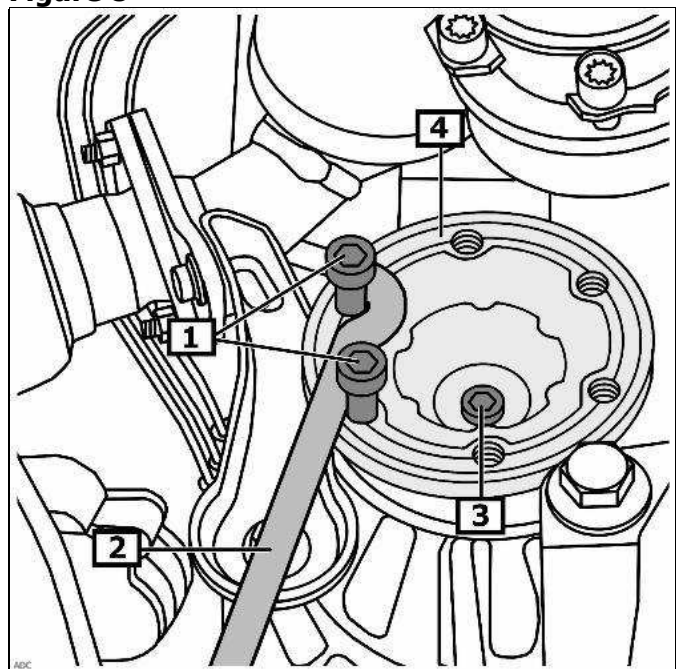
Continuation for all vehicles

Remove starter.
 Remove charge air pipe(s) bottom.
 Remove drive shaft heat protection plate(s).
 Disconnect the drive shaft(s) from the axle drive.
 Bind the drive shaft(s).
 Remove exhaust pipe double clamp.
 Unscrew the exhaust pipe holder at the front of the subframe.

Figure 7**1 Neutral position sensor****2 Electric plug connection**

Screw in screw(s) by hand. **(1)**
 Hold up flange shaft using a mounting lever. **(2)**
 Mounting lever **(commercially available)**
 Unscrew screw(s). **(3)**
 Remove flange shaft(s). **(4)**
(see figure 8)

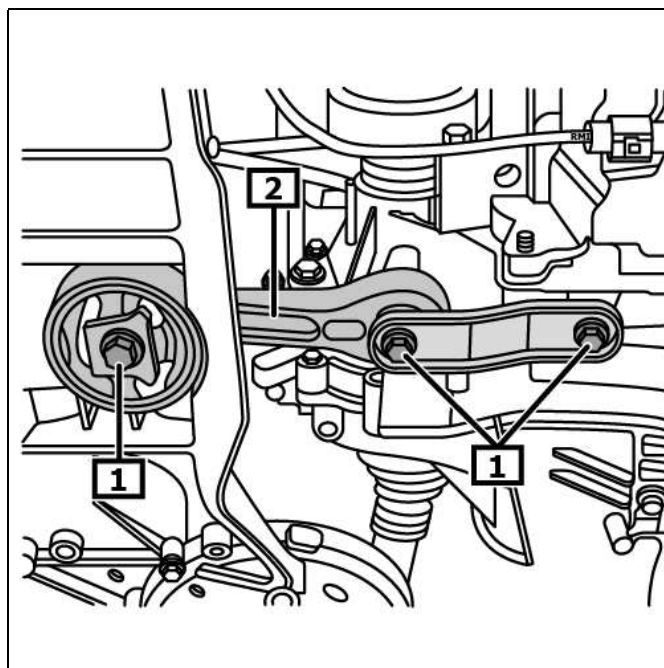
Leaking shaft sealing ring(s) must be replaced.

Figure 8**1 Screw(s)****2 Mounting lever****3 Flange shaft screw(s)****4 Flange shaft**

Remove torque arm screw(s). **(1)**
 Remove torque arm. **(2)**

Figure 9

(see figure 9)

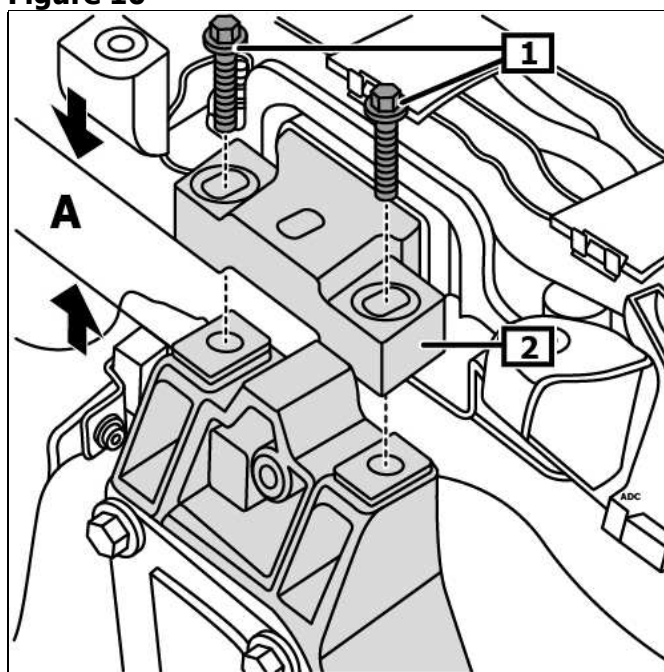


1 Torque arm screw(s)

2 Torque arm

Unscrew gearbox mounting bolt(s). (1)
Lower engine and gearbox.
Dimension A = 50 mm
(see figure 10)

Figure 10



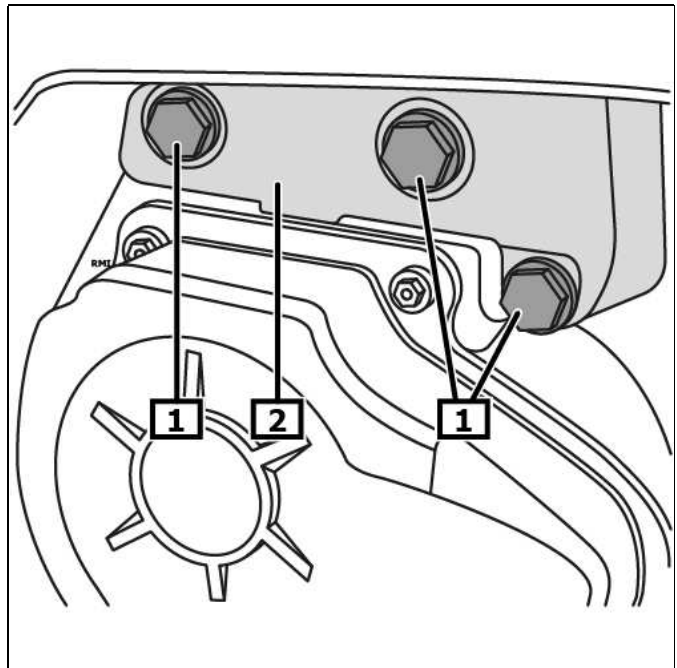
1 Gearbox bearing screw(s)

2 Gearbox mounting

Unscrew gearbox support bolt(s). (1)
Remove gearbox support. (2)
(see figure 11)

Figure 11

Remove flywheel cover plate.



1 Gearbox support bolt(s) 2 Gearbox support

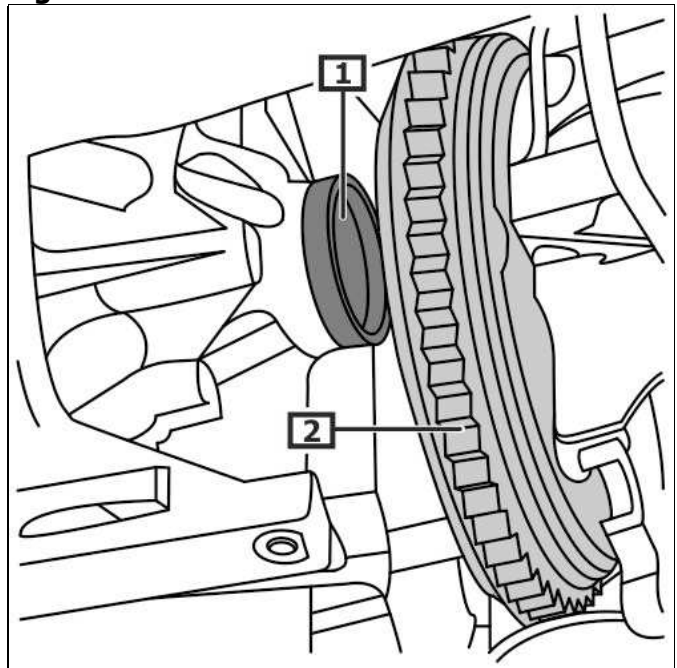
Secure gearbox using a suitable gearbox lifter.
 Unscrew engine/gearbox screw(s). **(3) - (7)**
(see figure 5)

Push the gearbox away from the engine.
 Lower gearbox.

**Watch out for surrounding components
 when lowering.**

Do not damage the sleeve(s). **(1)**
(see figure 12)

Figure 12



1 Sleeve 2 Pressure plate

Install

Installation in reverse order of removal.

Remove screw-locking compound residues from the threaded holes.

Before mounting the gearbox, the input shaft must be lubricated with molybdenum grease. Always grease hub profiles of the clutch disk, to allow them to be easily shifted on the input shaft, and wipe off excess grease. Do not grease guide bush(es).

Ensure correct position of the adjusting bushes.

Replace the lock-washer(s).

Lubricate the lug at the guide lever and gearbox lever.

Check gear oil level and correct if required.

Adjust gear shift.

Connect battery.

Start engine and check gear shifting/clutch functioning.
Check error logs of all control units and delete any errors.

Decode radio, program volatile memories.

Carry out a test drive.

Repair/maintenance work have to be carried out by a specialist who has completed his training in the motor vehicle trade (e.g. car mechanic, car electrician, car mechatronics specialist). Alternatively, the repair can also be performed by a trained and experienced mechanic.

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