

	Page
Specifications	35- 0/3
35 21 000 Removing and Installing Brake Pedal	21/1
35 31 000 Removing and Installing Clutch Pedal	31/1
35 41 000 Removing and Installing Accelerator Pedal Tread Plate	41/1
010 Removing and Installing Accelerator Pedal Arm	41/2
420 Removing and Installing Accelerator Cable	41/3

SPECIFICATIONS

Pedals

6.76

320 i

320 i A

Model

Brake Pedal

Reference distance A (from lower edge of brake pedal to fire wall or pedal base)	mm (in.)	$239 + 10$ ($9.409 + 0.394$)	-
Travel of fully depressed pedal measured at piston rod 1)	mm (in.)	38.0 (1.496)	-
Travel measured at pedal	mm (in.)	158 (6.220)	-
Distance B to set stop light switch	mm (in.)	$5.0 + 1$ ($0.197 + 0.040$)	-

Clutch Pedal

Reference distance C (from lower edge of clutch pedal to fire wall or pedal base)	mm (in.)	$253 + 6$ $- 2$ ($9.961 + 0.236$ $- 0.080$)	-
Travel of fully depressed pedal measured at piston rod	mm (in.)	27.5 (1.083)	-
Travel measured at pedal	mm (in.)	155 (6.102)	-
Clutch pedal play	mm (in.)	approx. 5 (0.197)	-

Accelerator Pedal

Reference distance D Manual transmission	mm (in.)	approx. 72 (2.835) ²⁾	-
Reference distance E Automatic transmission (distance from upper edge of full throttle stop set screw or pedal base kickdown stop to body floor plate)	mm (in.)	approx. 58 (2.283) ²⁾	-

- 1) Travel must be limited by master cylinder.
- 2) Rough setting, note adjusting procedures.

35-0/3

Model

320 i

320 i A

Lubricant

for bearings or sliding contact surfaces of
pedals and accelerator mechanism

e.g. Fuchs FN 20 (drip point 150° C / 300° F)

Torque Specifications in Nm / kpm (ft. lbs.)

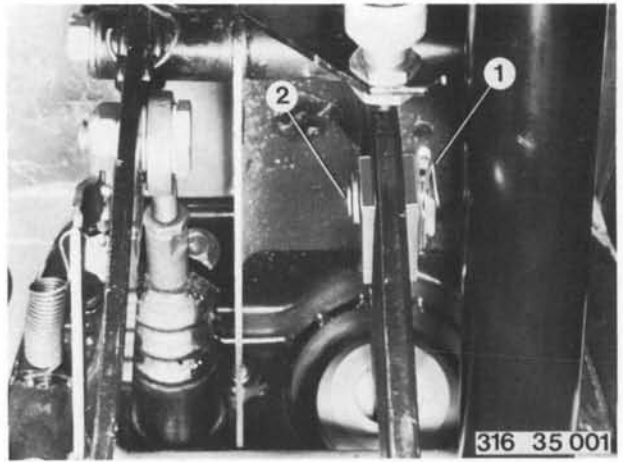
Clutch pedal locating bolt (pressure rod)	32 ...	36 / 3.2 ...	3.6 (23 ... 26)
Clutch and brake pedal bearing bolt	25 ...	28 / 2.5 ...	2.8 (18 ... 20)
Brake booster piston rod counternut	25 ...	27 / 2.5 ...	2.7 (18 ... 19)
Stop light switch counternut	3 ...	4 / 0.3 ...	0.4 (2 ... 3)
Accelerator cable counternut	12 ...	15 / 1.2 ...	1.5 (9 ... 11)
Full throttle or kickdown stop set screw counternut (BM 6 hexagon nut)	4 ...	5 / 0.4 ...	0.5 (3 ... 3.5)
Brake booster to pedal base	22 ...	24 / 2.2 ...	2.4 (16 ... 17)
Pedal base mounting bolts	8 ...	9 / 0.8 ...	0.9 (6 ... 6.5)
Clutch master cylinder to pedal base	22 ...	24 / 2.2 ...	2.4 (16 ... 17)
Cover to plug master cylinder mounting holes	22 ...	24 / 2.2 ...	2.4 (16 ... 17)

1) Not applicable to cars with automatic transmission.

35 21 000 REMOVING AND INSTALLING BRAKE PEDAL

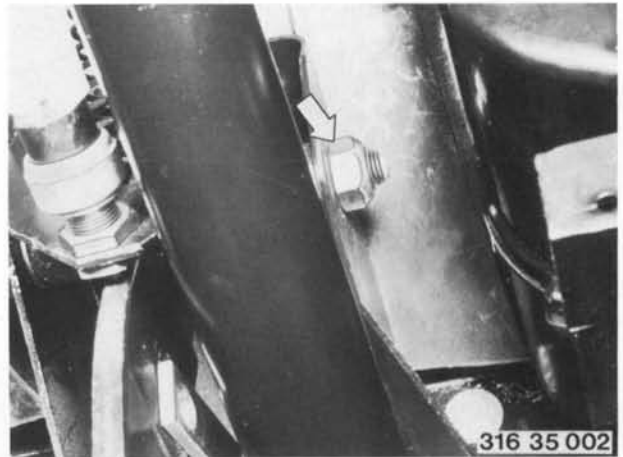
Remove and install bottom center trim - 51 45 190.
Detach brake pedal return spring.
Remove piston rod clip (1) at brake pedal and take out pin (2).

Installation Note! Apply lubricant¹⁾ to pin when installing.

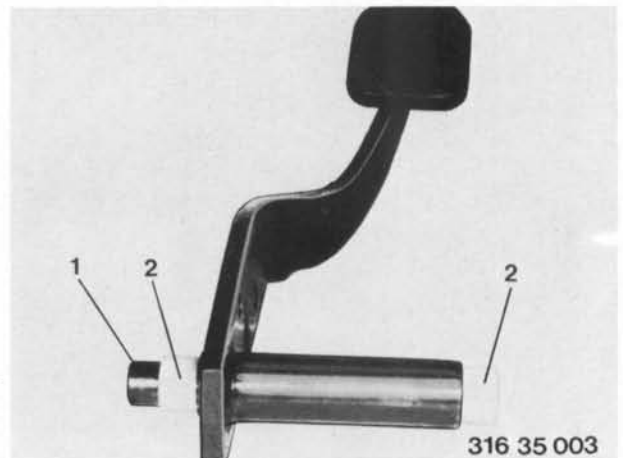


Unscrew stop nut on bearing bolt.
Pull out bearing bolt far enough that brake pedal can be taken off.

Installation Note! Replace stop nut.
Tighten to specified torque. 1)

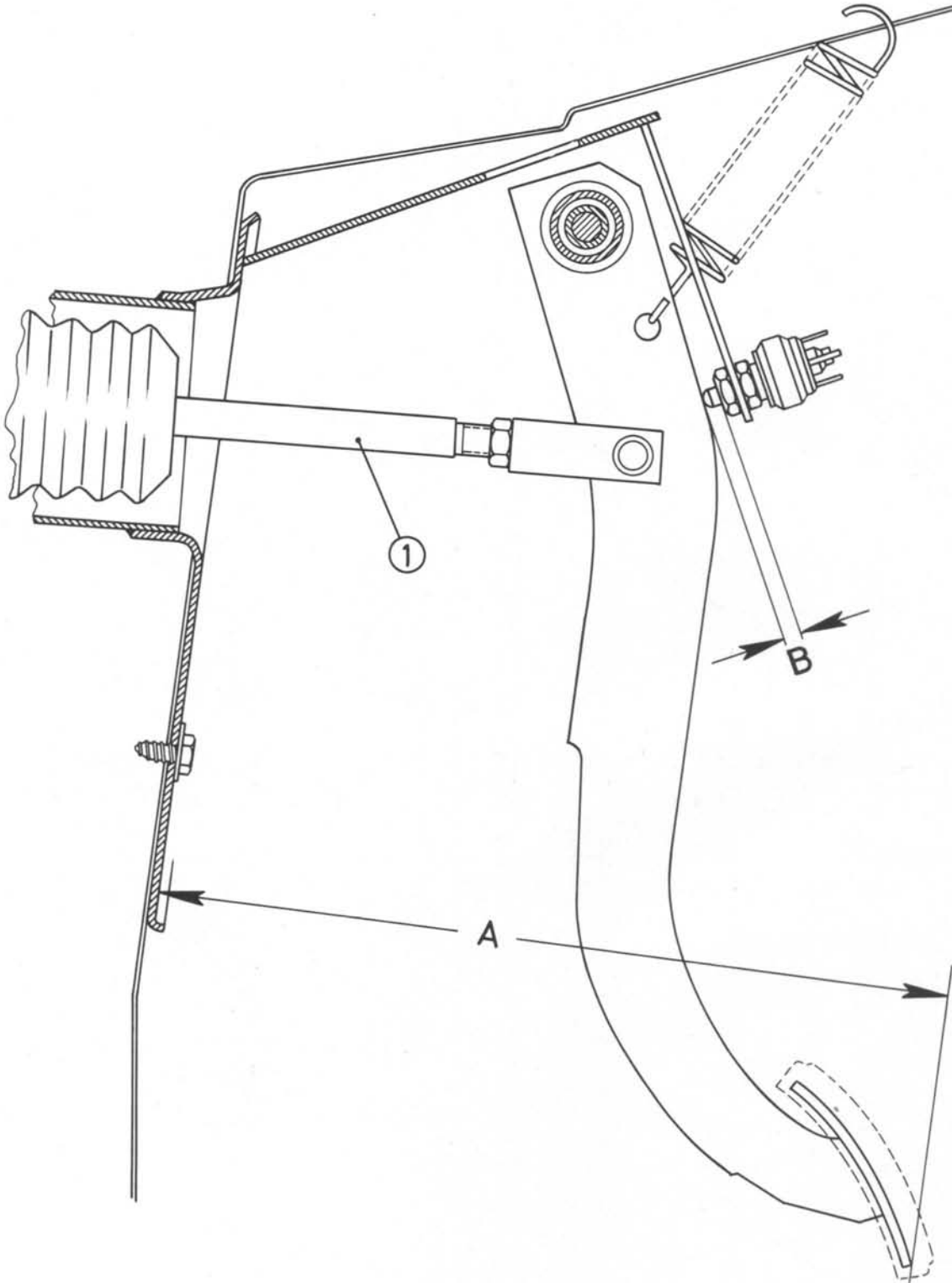


Installation Note! Apply lubricant¹⁾ to spacer (1) and bushings (2) when installing.



1) See Specifications

Brake Pedal Layout Drawing



31635 004

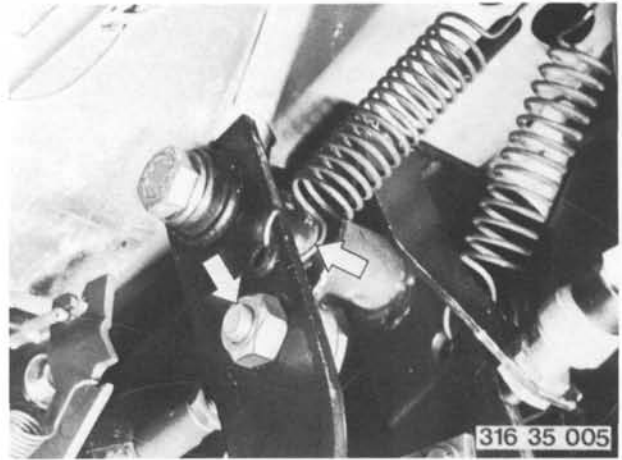
Installation Note! Check reference distance A¹⁾,
adjust piston rod (1) if necessary.
Adjust brake light switch and contact button B¹⁾.

1) See Specifications

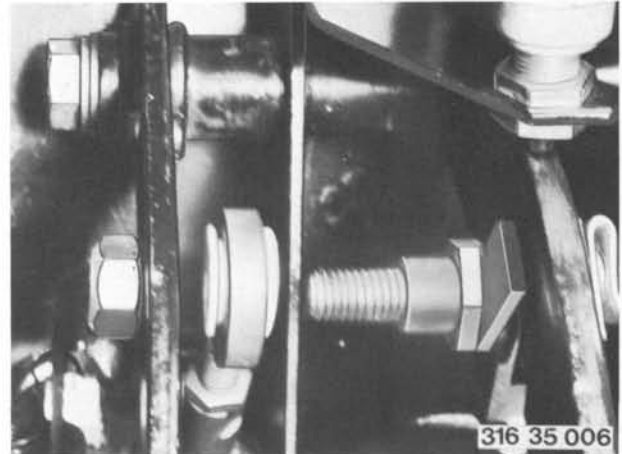
35 31 000 REMOVING AND INSTALLING CLUTCH PEDAL

Detach and attach bottom center trim - 51 45 190.
Detach clutch pedal return spring.
Unscrew stop nut.

Installation Note! Replace stop nut.
Tighten to specified torque. 1)

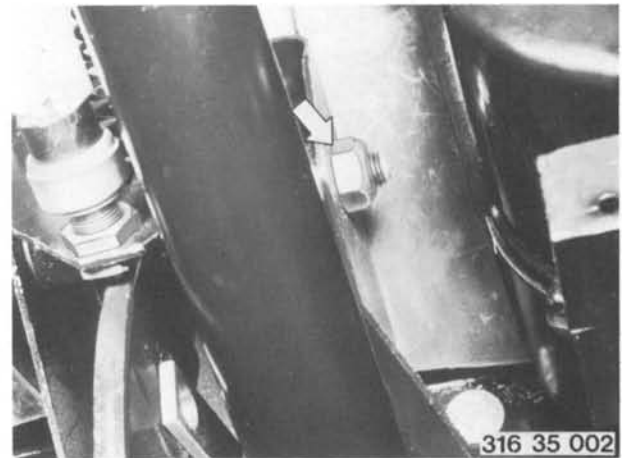


Installation Note! Note sequence of installation.
Check bushings for wear, replace if necessary and
apply a lubricant 1) when installing.

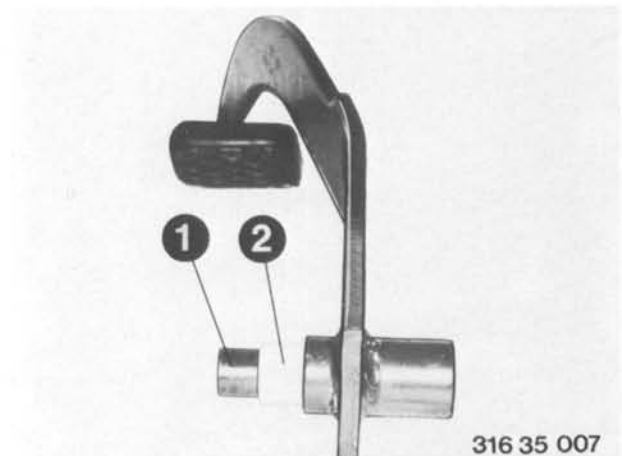


Unscrew stop nut and pull out bearing bolt.

Installation Note! Replace stop nut.
Tighten to specified torque. 1)

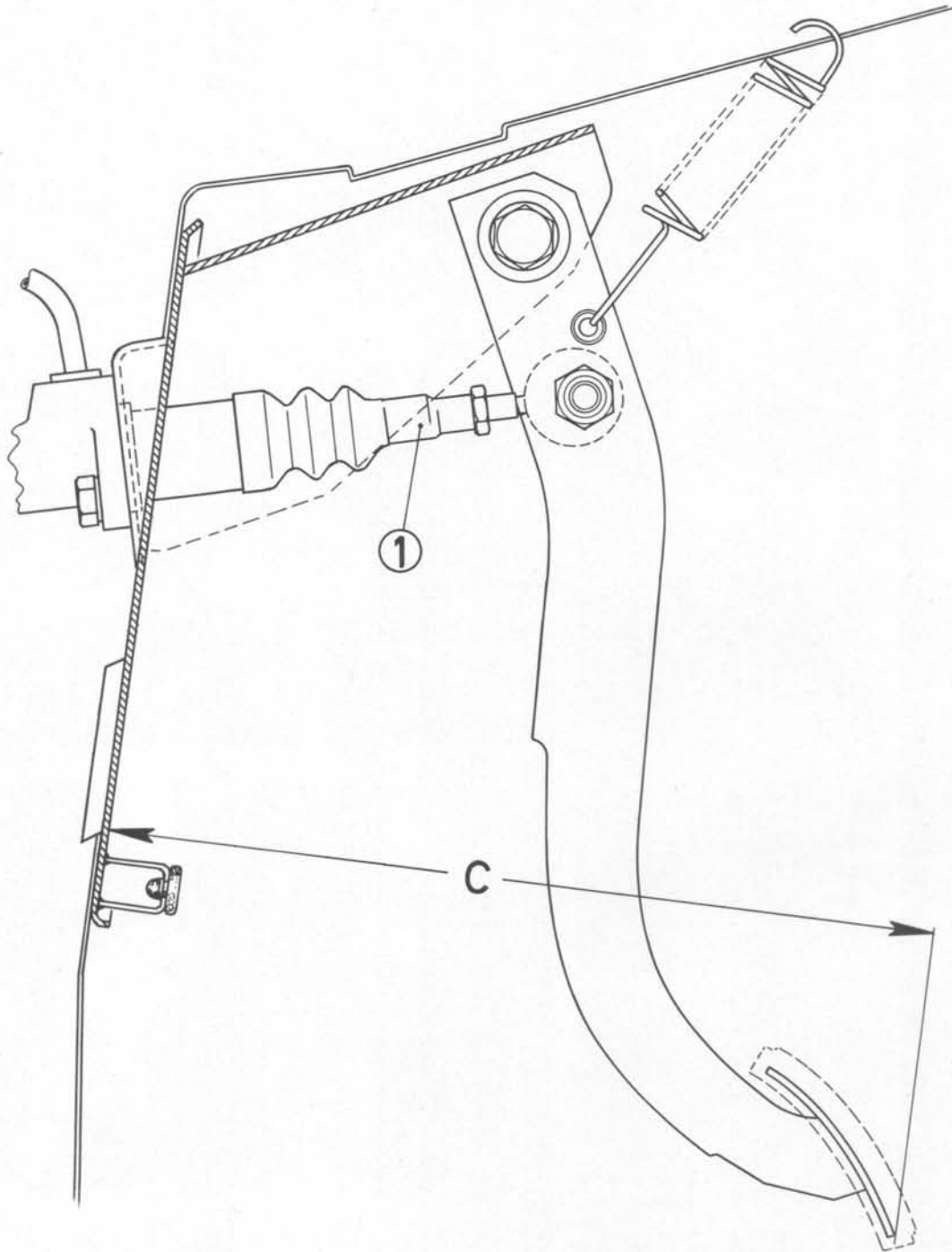


Installation Note! Apply a lubricant¹⁾ to spacer
(1) and bushing (2) when installing.



1) See Specifications

Clutch Pedal Layout Drawing



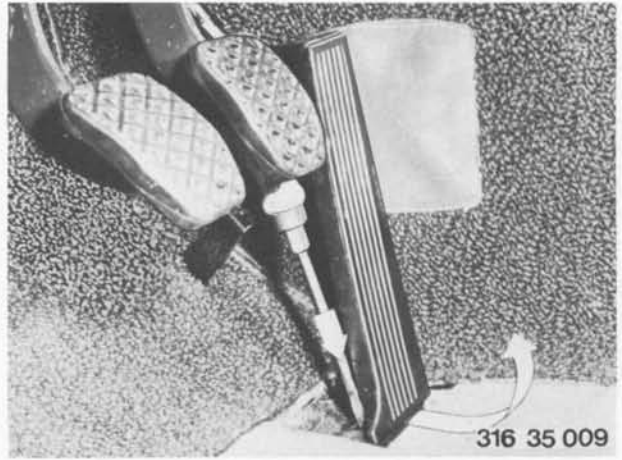
316 35 008

Installation Note! Check reference distance C¹⁾,
adjust piston rod (1) if necessary.

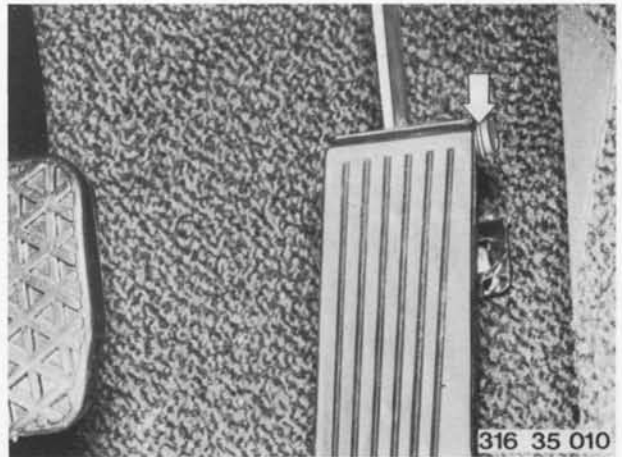
1) See Specifications

35 41 000 REMOVING AND INSTALLING ACCELERATOR PEDAL
TREAD PLATE

Pry base of accelerator pedal out of holder with a screwdriver.



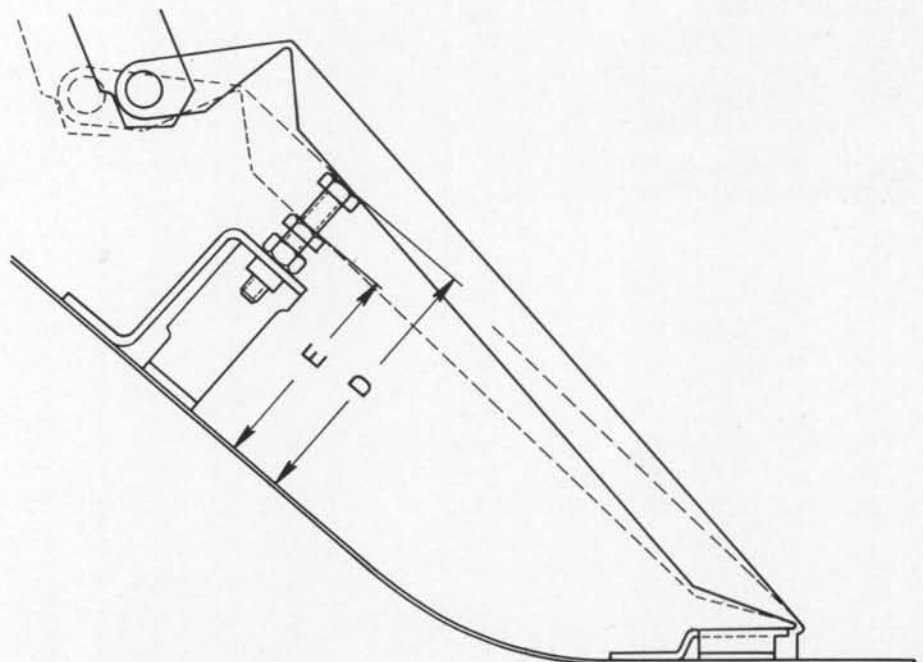
Remove lockwasher at accelerator pedal and take off accelerator pedal tread plate.



Check accelerator pedal full throttle stop, adjust if necessary.

Distance D¹⁾ : manual transmissions

Distance E¹⁾ : automatic transmissions



1) See Specifications

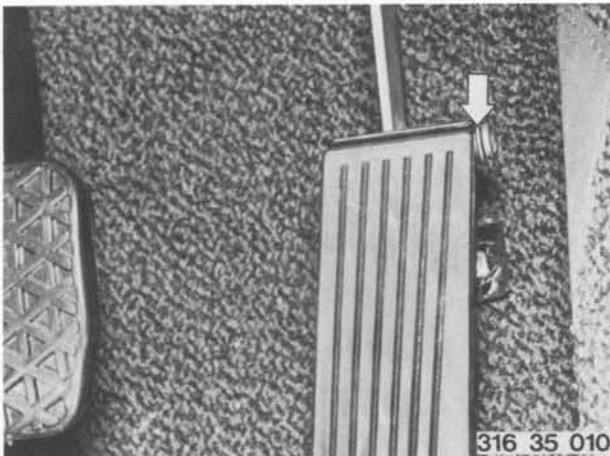
35 41 010 REMOVING AND INSTALLING ACCELERATOR PEDAL
ARM

Detach and attach bottom center trim - 51 45 190.
Detach return spring and accelerator cable.



Remove clip.
Remove washer (1).
Slide accelerator pedal arm to the right off of base.

Installation Note! Apply a lubricant¹⁾ to bearings and check rubber mount. Replace if necessary.

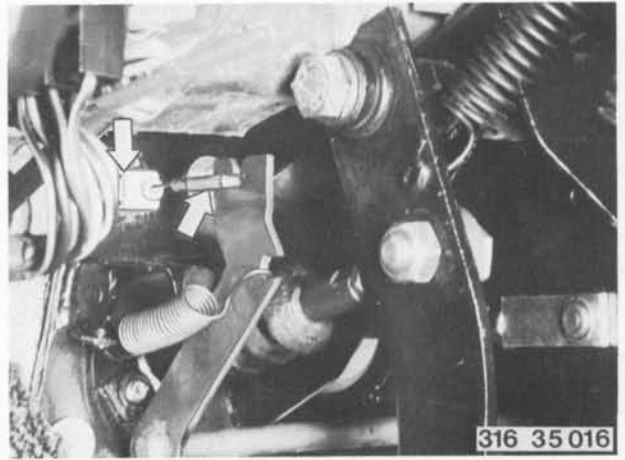


Remove lockwasher and take accelerator pedal arm off of accelerator pedal tread plate.

1) See Specifications

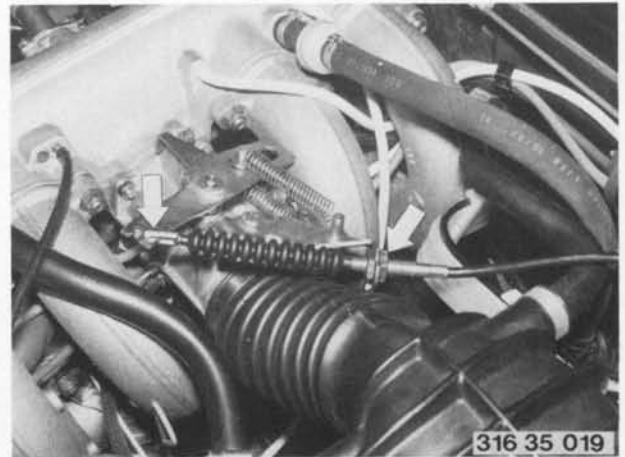
35 41 420 REMOVING AND INSTALLING/ADJUSTING
ACCELERATOR CABLE

Detach and attach bottom center trim - 51 45 190.
Detach accelerator cable at pedal.
Compress holder and pull out of pedal base.



Detach accelerator cable at holder and operating lever.

Installation Note! Tighten to specified torque¹⁾.



Installation Note! Basic throttle valve setting must be correct; see Section (B) of 13 50 009. Check full throttle stop screw (5), if necessary adjust to distance (A):

72 mm (2.835") for manual transmissions

58 mm (2.283") for automatic transmissions

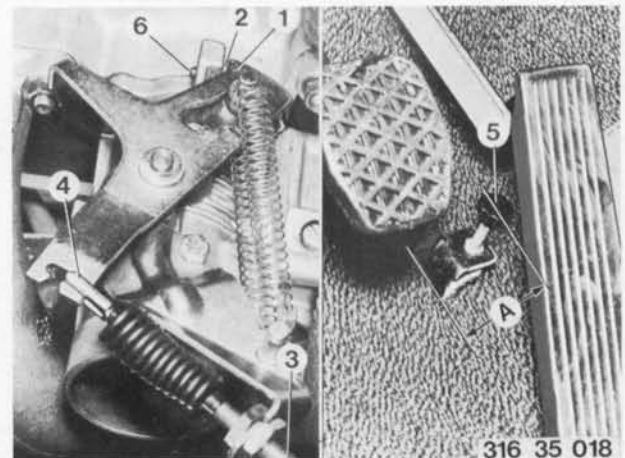
Depress accelerator pedal to stop.

Operating lever (1) must be against stop (2), so that throttle is fully open.

If not, adjust control screw (3) accordingly.

Play at nipple (4) is about 1 mm (0.040") at idle.

Operating lever (1) must rest against idle stop (6).



1) See Specifications