

2005 BMW Z4

2003-05 Brakes Pedal Assembly - Repair Instructions - Z4

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PEDAL MOUNTING BLOCK

35 11 000 REMOVING AND INSTALLING MOUNTING BLOCK FOR PEDALS

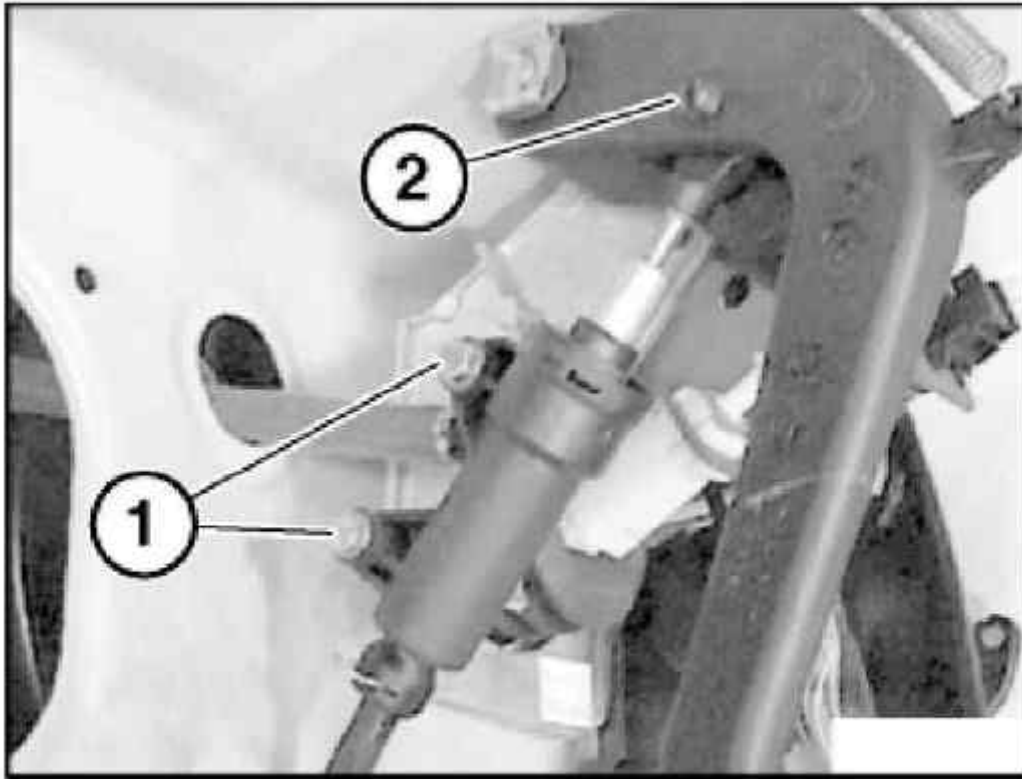
Remove panel for pedal assembly. Refer to **51 45 185 REMOVING AND INSTALLING/REPLACING TRIM FOR PEDAL ASSEMBLY** .

Remove brake pedal. Refer to **35 21 000 REMOVING AND INSTALLING/REPLACING BRAKE PEDAL** .

Installation:

Make sure plug connections engage correctly.

Unhook return spring from clutch pedal.



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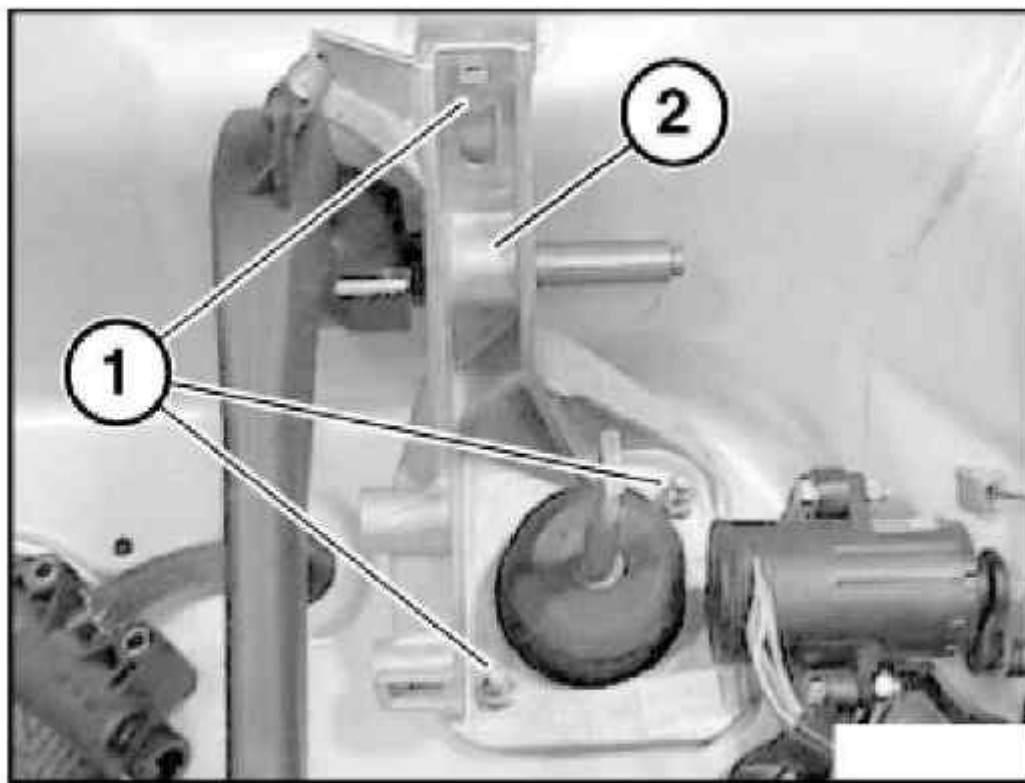
Fig. 1: Releasing Screws From Clutch Master Cylinder
Courtesy of BMW OF NORTH AMERICA, INC.

Press pin ends together and withdraw pin (2).

Release screws (1) from clutch master cylinder.

Remove retaining plate for brake light and clutch switches.

Release nuts (1) and remove bearing block (2).



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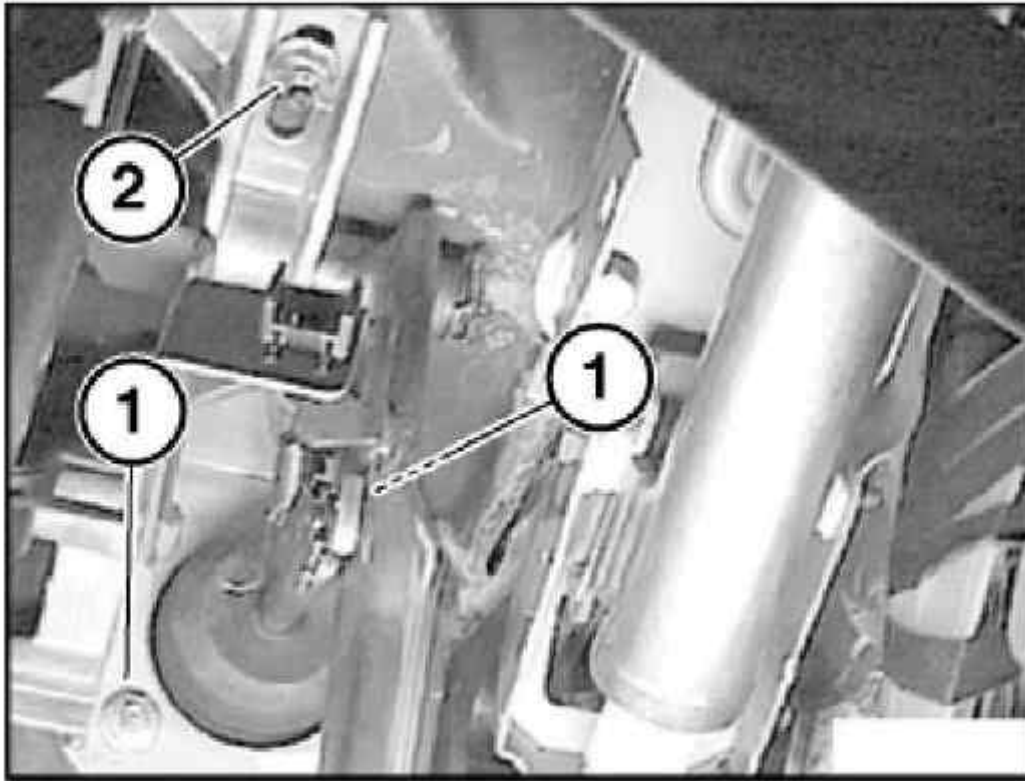
Fig. 2: Removing Bearing Block

Courtesy of BMW OF NORTH AMERICA, INC.

Installation:

Tighten nuts (1) in front of nut (2).

Tightening torque 35 11 1AZ. Refer to **PEDALS - TIGHTENING TORQUES** .



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Fig. 3: Locating Bearing Block Nuts
Courtesy of BMW OF NORTH AMERICA, INC.

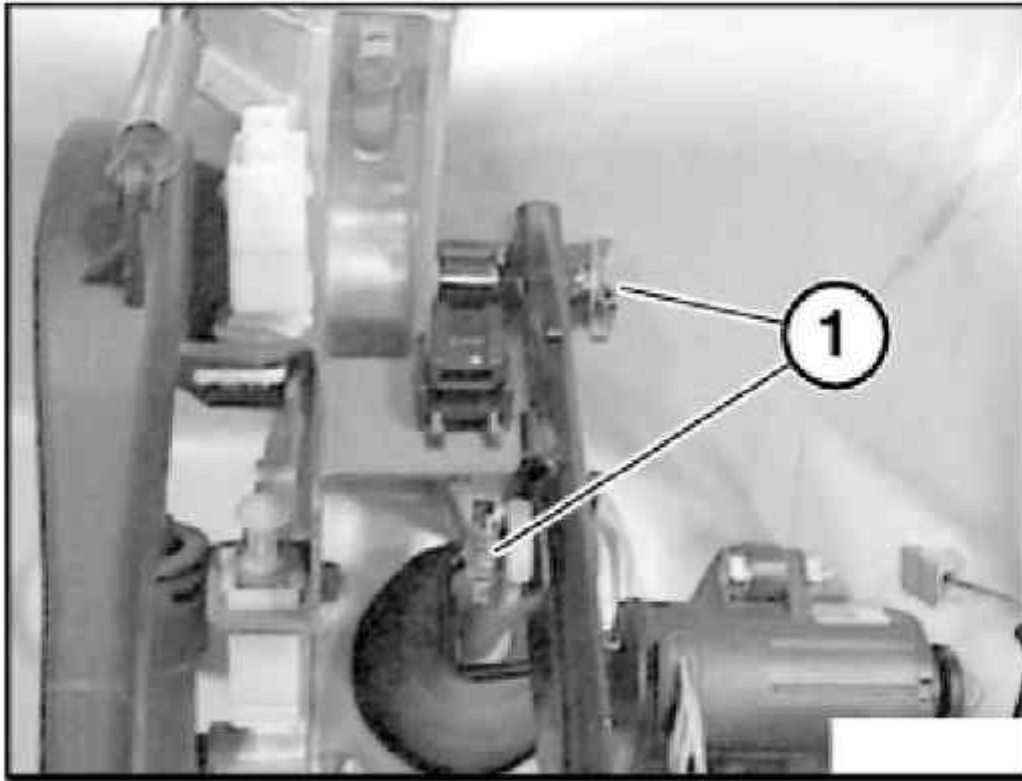
BRAKE PEDAL WITH LINKAGE

35 21 000 REMOVING AND INSTALLING/REPLACING BRAKE PEDAL

Remove trim panel for pedal assembly. Refer to **51 45 185 REMOVING AND INSTALLING/REPLACING TRIM FOR PEDAL ASSEMBLY** .

Remove brake light switch. Refer to **61 31 310 REPLACING BRAKE LIGHT SWITCH** .

Detach retainers (1).



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Fig. 4: Detaching Retainers

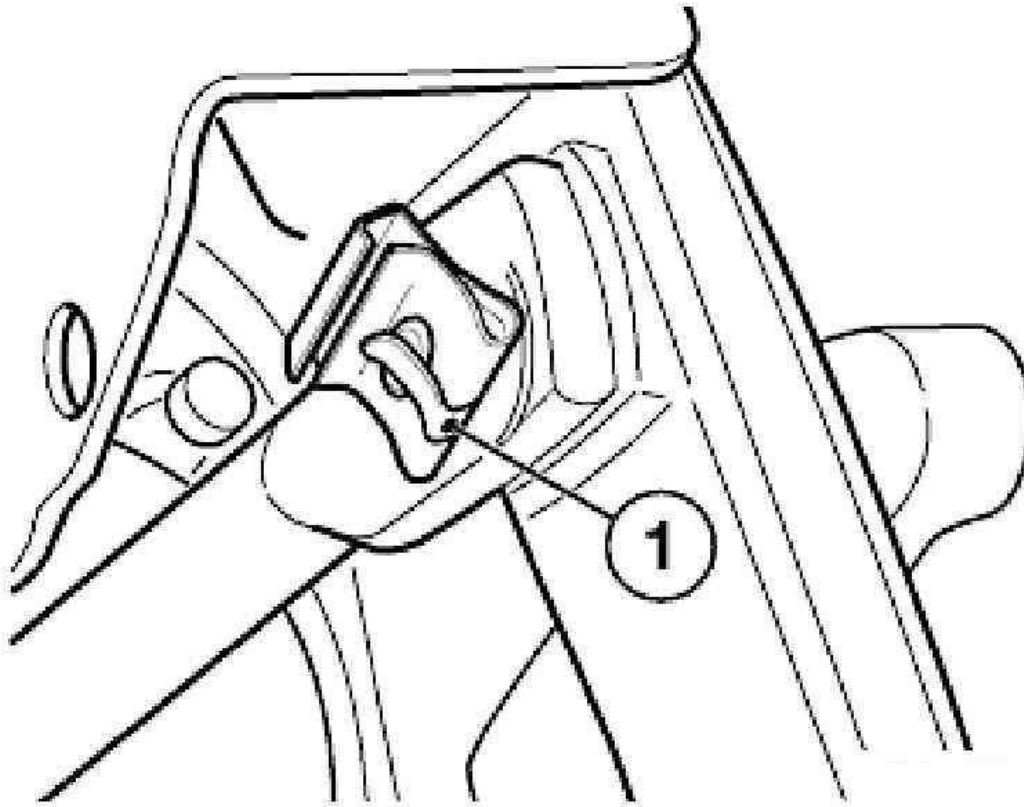
Courtesy of BMW OF NORTH AMERICA, INC.

Installation:

Use new retainers (1).

Installation:

Use new retainer.



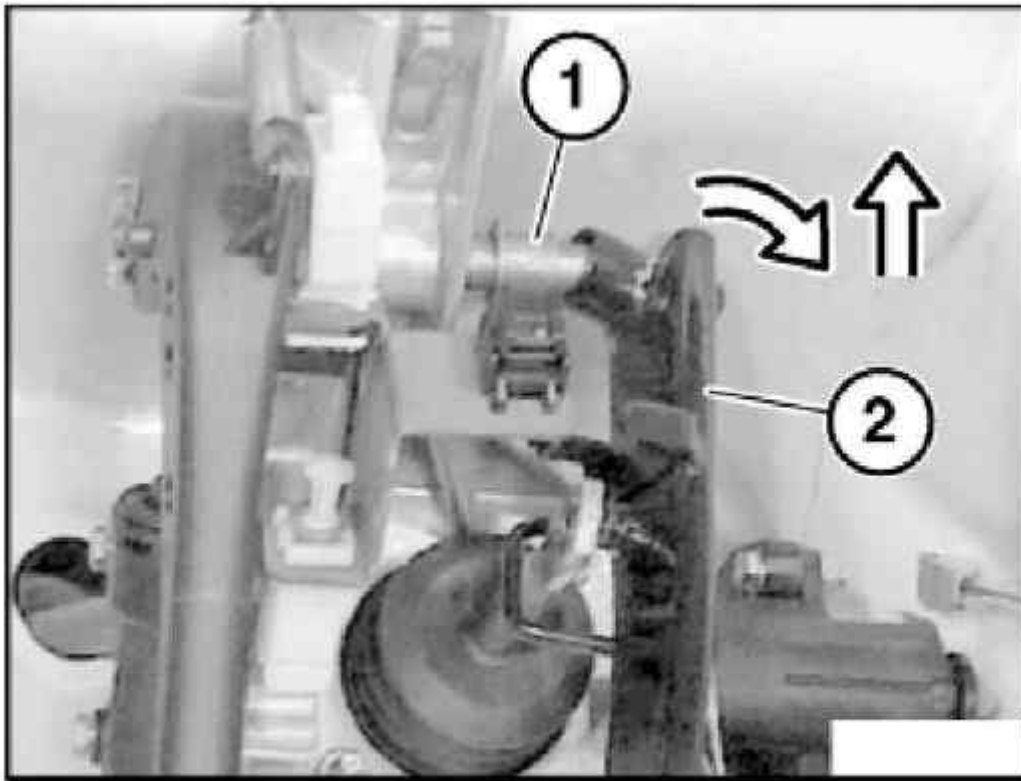
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Fig. 5: Marking Retainer With Dot Of Red Paint
Courtesy of BMW OF NORTH AMERICA, INC.

The retainer must be seated with both legs in the pin groove.

The workshop supervisor must mark the retainer with a dot of red paint (1) thereby acknowledging correct installation.

Disconnect return spring.



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Fig. 6: Removing Brake Pedal

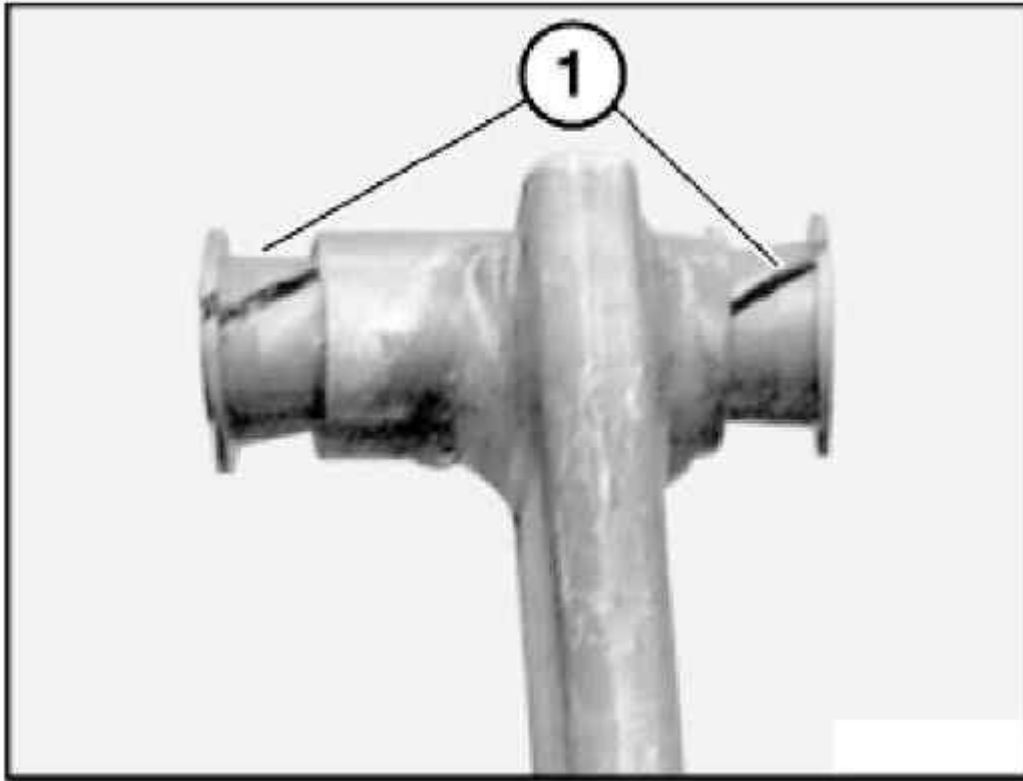
Courtesy of BMW OF NORTH AMERICA, INC.

Pull bearing bushing (1) out of brake pedal and press to left.

Twist brake pedal (2) downwards out of mounting in direction of arrow.

Installation:

Check bearing bushes (1) and replace if necessary.



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Fig. 7: Checking Bearing Bushes

Courtesy of BMW OF NORTH AMERICA, INC.

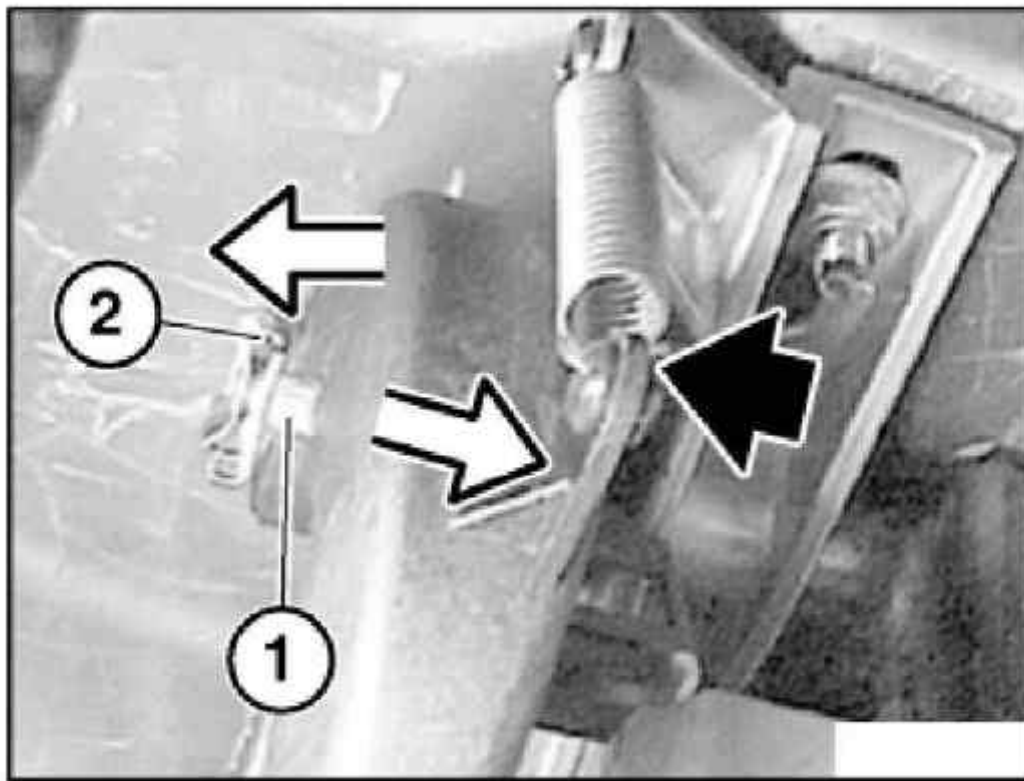
Lightly grease bearing bushes (1), BMW Service Operating Fluids.

CLUTCH PEDAL WITH LINKAGE

35 31 000 REMOVING AND INSTALLING/REPLACING CLUTCH PEDAL

Remove trim panel for pedal assembly. Refer to **51 45 185 REMOVING AND INSTALLING/REPLACING TRIM FOR PEDAL ASSEMBLY** .

Disconnect return spring.



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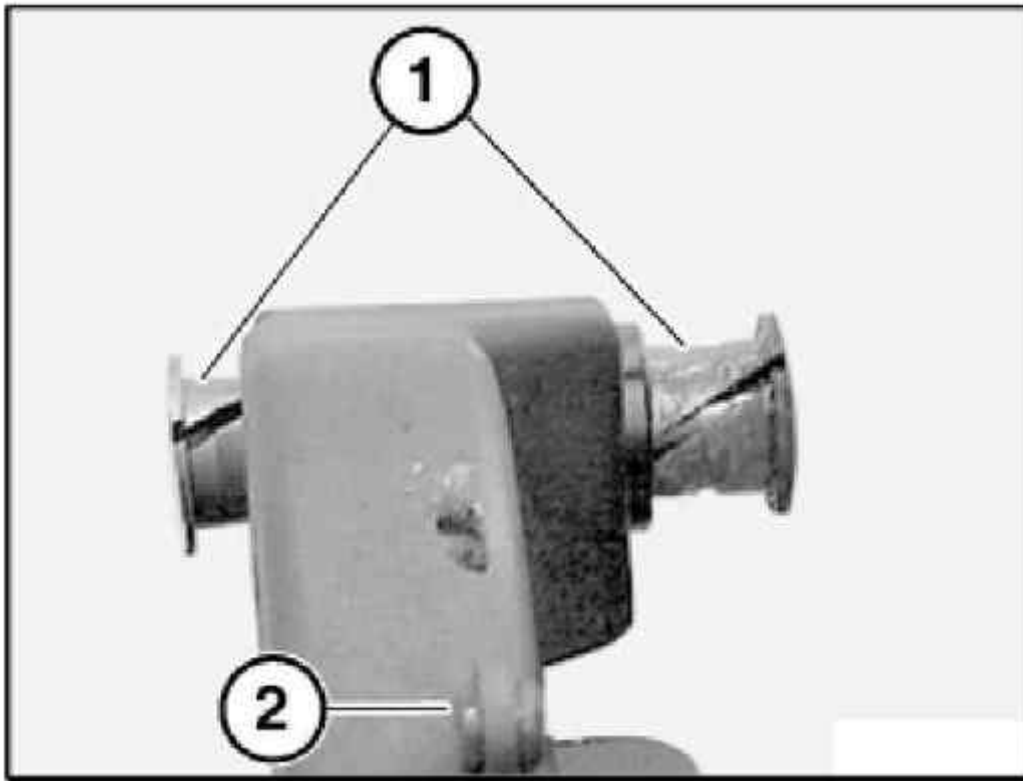
Fig. 8: Detaching Clutch Pedal From Bearing Pedestal
Courtesy of BMW OF NORTH AMERICA, INC.

Press bolt ends (1) together and remove bolt.

Remove retainer (2) and detach clutch pedal from bearing pedestal.

Installation:

Check bearing bushes (1) and replace if necessary.



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Fig. 9: Checking Bearing Bushes

Courtesy of BMW OF NORTH AMERICA, INC.

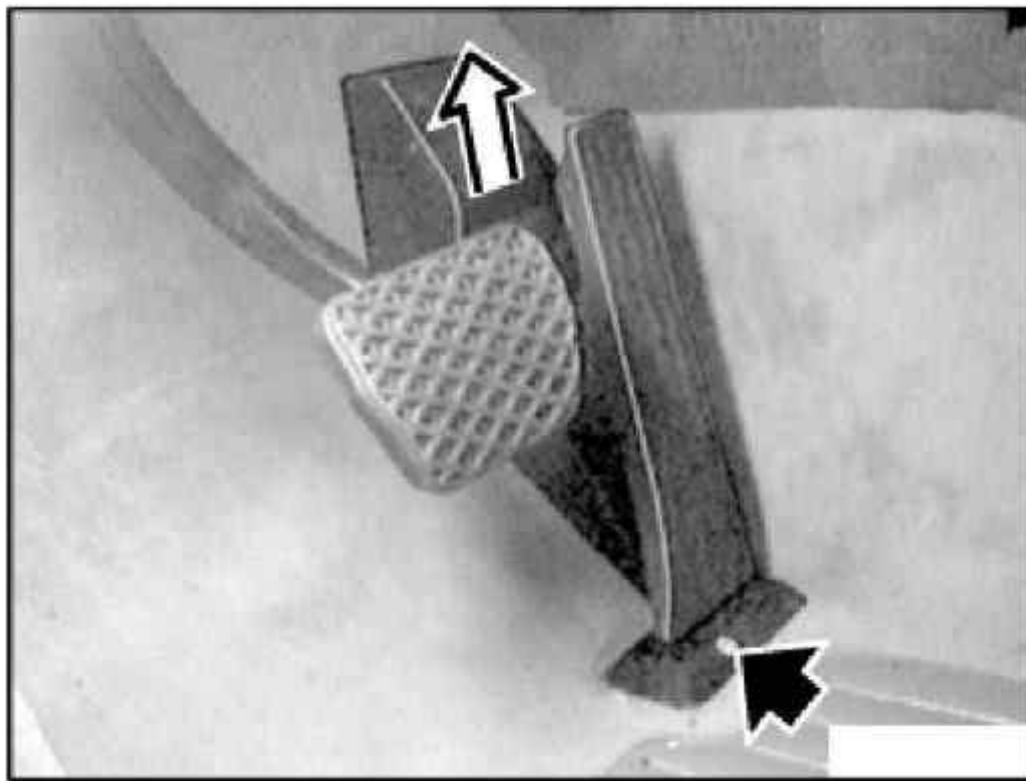
Lightly grease bearing bushes (1), BMW Service Operating Fluids.

Replace rubber grommet (2) if necessary.

ACCELERATOR PEDAL ACTUATION

35 40 001 REMOVING AND INSTALLING/REPLACING ACCELERATOR PEDAL MODULE

Take off cap.



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Fig. 10: Pulling Accelerator Pedal Module Out Of Fixture
Courtesy of BMW OF NORTH AMERICA, INC.

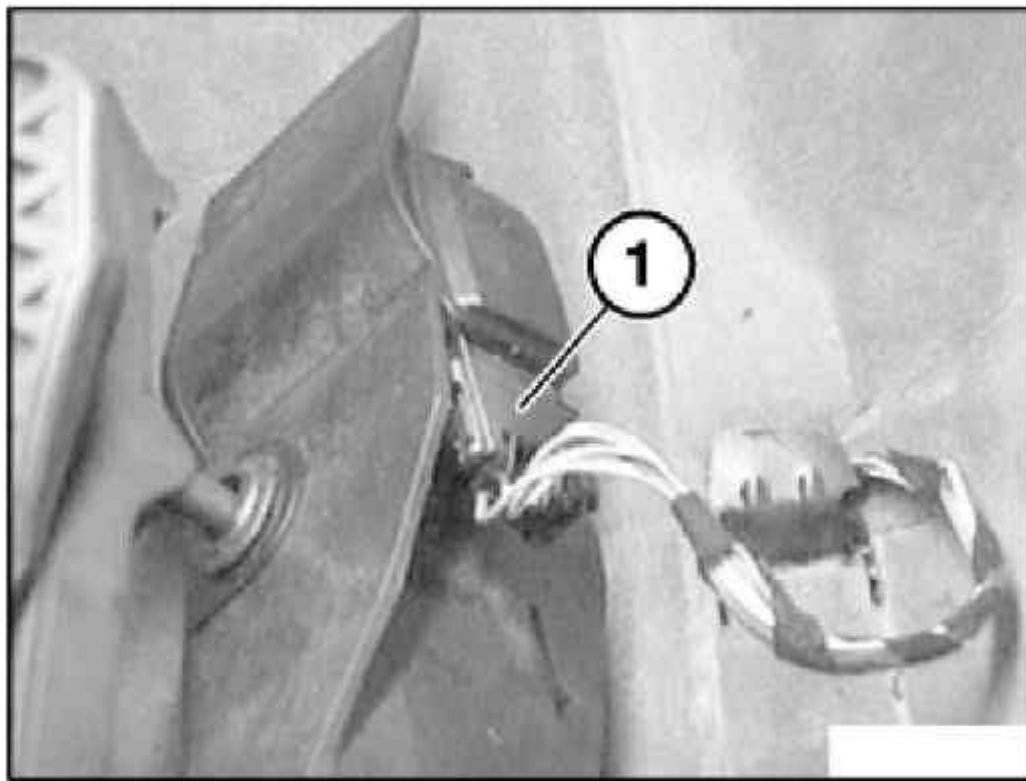
Unscrew screw.

Pull accelerator pedal module upwards out of fixture.

Installation:

Tightening torque 35 40 1AZ. Refer to **PEDALS - TIGHTENING TORQUES** .

Pull off plug (1).



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Fig. 11: Removing Accelerator Pedal Module
Courtesy of BMW OF NORTH AMERICA, INC.

Remove accelerator pedal module.

IMPORTANT: Accelerator pedal module can only be replaced completely with adapter plate.