

2007-08 BRAKES**Pedals - Repair Instructions - X5****11 PEDAL MOUNTING BLOCK****35 11 000 REMOVING AND INSTALLING (REPLACING) COMPLETE BEARING BLOCK FOR FOOT PEDAL**

Necessary preliminary tasks:

- Remove pedal trim. Refer to **51 45 185 REMOVING AND INSTALLING/REPLACING PANEL FOR PEDALS**

IMPORTANT: After completion of work, carry out function check.

Release screws (1).

Remove air duct (2).

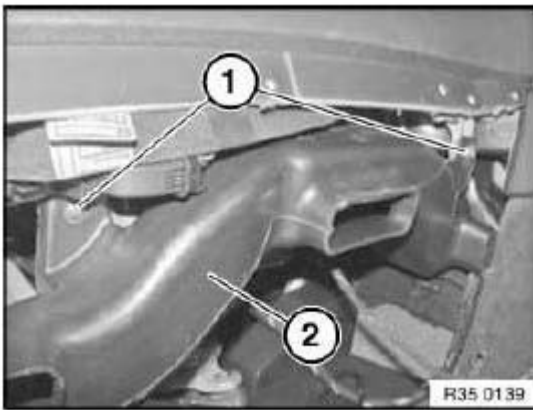


Fig. 1: Identifying Air Duct And Screws
Courtesy of BMW OF NORTH AMERICA, INC.

Disconnect plug connection (1).

Remove locking clip (2) and pull out locking pin in direction of arrow.

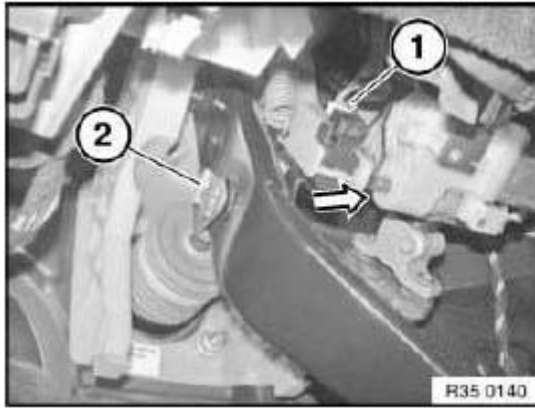


Fig. 2: Identifying Locking Clip And Plug Connection
 Courtesy of BMW OF NORTH AMERICA, INC.

Unscrew nuts (1).

Installation:

Replace self-locking nuts.

Tighten nuts (1) such that bearing block can still be moved.

Make sure bearing block is correctly seated on body.

Tighten nuts (1).

Tightening torque. Refer to **35 11 PEDAL ASSEMBLY CONSOLE** .

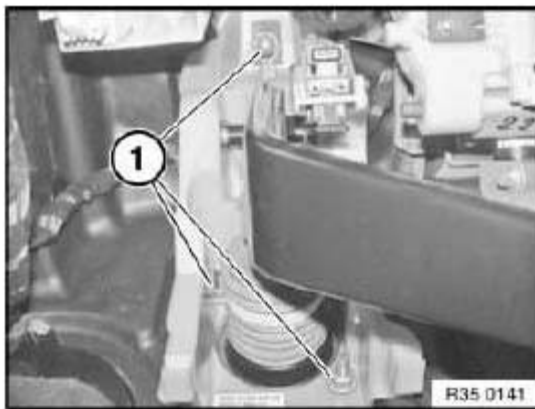


Fig. 3: Identifying Bearing Block Nuts
 Courtesy of BMW OF NORTH AMERICA, INC.

Remove left partition wall for equipment compartment. Refer to **51 71 ... REMOVING AND INSTALLING/REPLACING ASSEMBLY COMPARTMENT PARTITION WALL**

Unclip retaining bar (1) and remove both brake lines (2) from guides.

Pull brake master cylinder with brake booster 30 mm forwards.

IMPORTANT: Do not bend brake lines.

Installation:

Retighten brake lines on brake master cylinder.

Tightening torque. Refer to **34 32 BRAKE LINES** .

Feed out bearing block for pedal assembly.

Replacement:

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

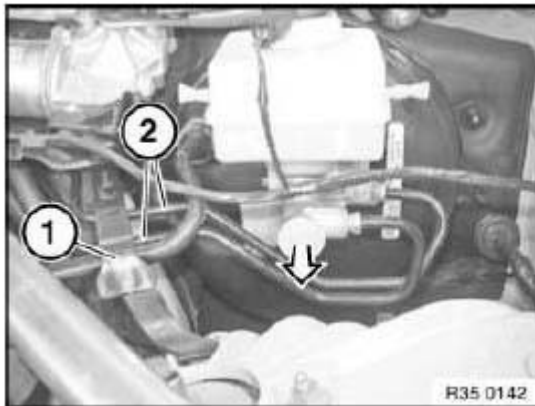


Fig. 4: Identifying Retaining Bar And Brake Lines
Courtesy of BMW OF NORTH AMERICA, INC.

21 BRAKE PEDAL WITH LINKAGE

35 21 041 REPLACING SPRING FOR BRAKE PEDAL

Necessary preliminary tasks:

- Remove bearing block for pedal assembly. Refer to **35 11 000 Removing and Installing (Replacing) Complete Bearing Block for Foot Pedal**

Disconnect return spring (1).

NOTE: Check grommet (2) for damage, ^{800 of 3160} replace if necessary.

40 ACCELERATOR PEDAL ACTUATOR

35 40 001 REMOVING AND INSTALLING/REPLACING ACCELERATOR PEDAL MODULE

Take off cap.

Release screw.

Pull accelerator pedal module upwards out of fixture.

Installation:

Tightening torque. Refer to **35 40 PEDALS** .

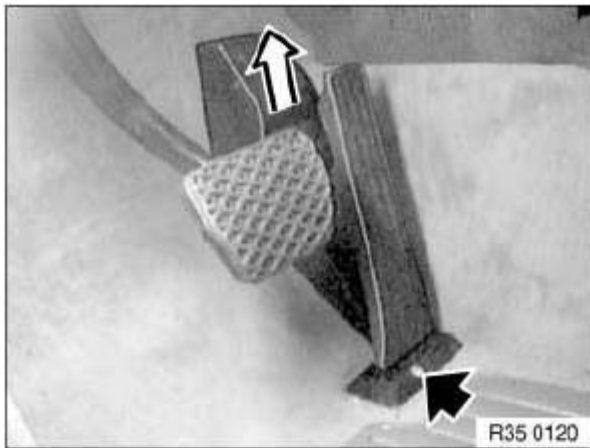


Fig. 5: Pulling Accelerator Pedal Module
Courtesy of BMW OF NORTH AMERICA, INC.

Pull off plug (1).

Remove accelerator pedal module.

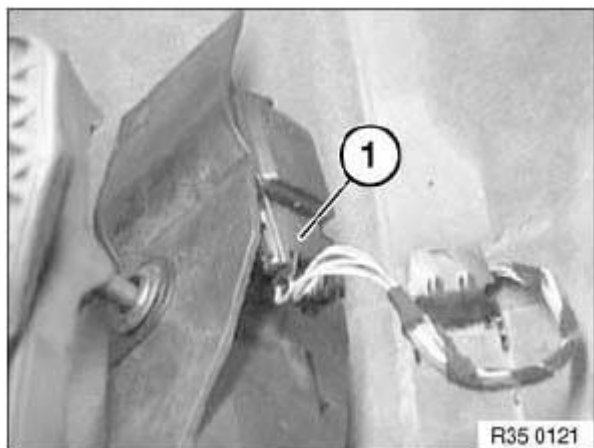


Fig. 6: Identifying Accelerator Pedal Module Plug
Courtesy of BMW OF NORTH AMERICA, INC.

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