

# Service Campaign Bulletin

FILE: SERVICE: GROUP 00 OF SERVICE INFORMATION BINDER  
PARTS: GROUP I OF INFORMATION \_ PARTS & ACCESSORIES BINDER

Campaign No. 2005060007  
July 2005

TO: ALL MERCEDES-BENZ CENTERS  
SUBJECT: **MODEL 171, MODEL YEAR 2005  
REPLACE CLIMATE CONTROL MODULE**

This Service Campaign has been initiated because DCAG has determined that on the affected vehicles (see VIN range below) the climate control unit may not function properly and cause the A/C compressor to shut down under certain operating conditions.

Please review the Effective Serial Number chart located below and if necessary repair the subject vehicles during the vehicle's next service.

Prior to performing this Service Campaign:

- Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.
- Please review the entire Service Campaign bulletin.

Approximately 1,156 vehicles are affected.

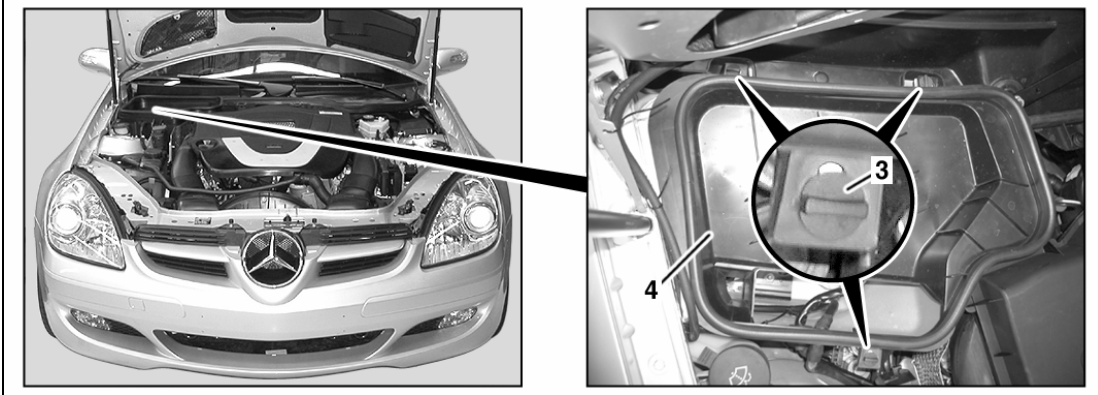
## Effective Serial Number Range

| Models  | Chassis End Number |         |
|---------|--------------------|---------|
|         | From               | To      |
| 171.456 | F004630            | F035961 |
| 171.473 | F035332            | F035828 |

Order No. P-SC-2005060007

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

## Procedure



**Figure 1**

1. Connect battery charger:

- Remove fasteners (3, Figure 1) from air duct and remove air duct.
- Connect battery charger to battery (observe proper polarity).

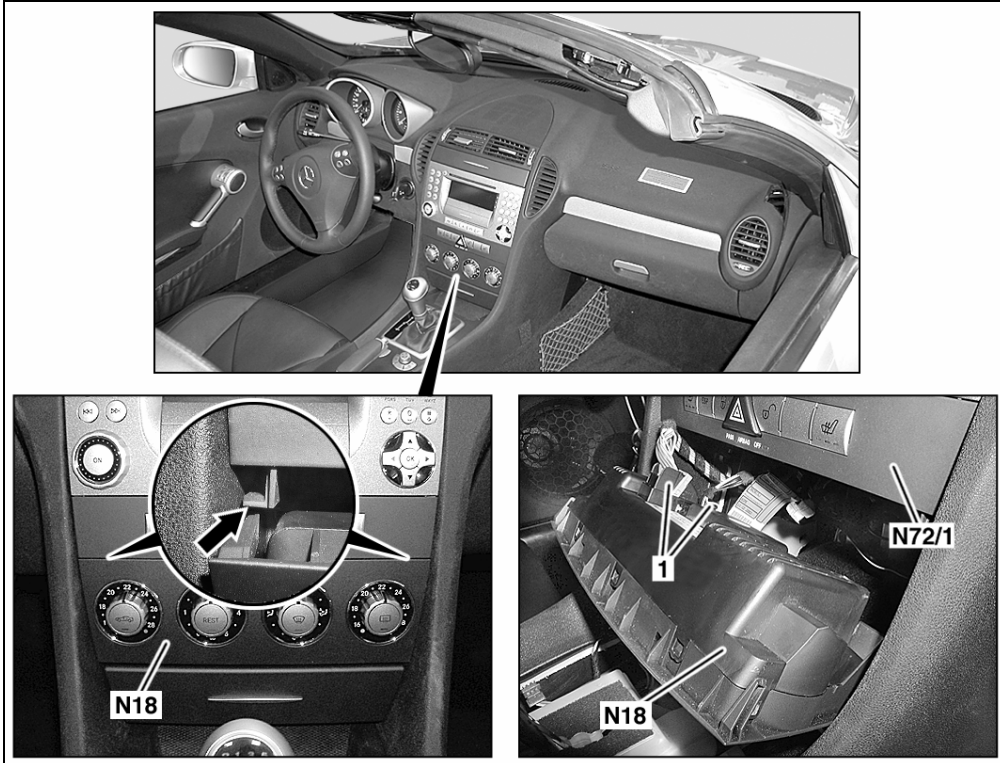
**Note:**

Ensure ignition is switched **OFF** prior to connection of battery charger.

2. Connect STAR DIAGNOSIS and transfer the settings of the climate control module (N18), to STAR DIAGNOSIS by navigating through the following screen menus:

Main groups/Control units/Air conditioning/C-AAC-Convenience automatic air conditioning - AAC automatic air conditioning - HEAT/Initial startup/Initial startup with automatic takeover of settings of previous control unit (follow on-screen instructions to save data to Star Diagnosis)/Read coding and transfer to new control unit (if coding has been transferred screen display will read: "Coding has been read"), Switch ignition **OFF**.

3. Disconnect negative battery cable (refer to WIS: AR54.10-P-0003V).



**Figure 2**

4. Remove ashtray WIS: AR68.20-P-2420V.

**Note** (applies to WIS document: AR68.20-P-2350V that is linked to above WIS instructions):

- **Do not** remove shift knob when removing center console.
- **Do not** perform steps 6 and 7 (in WIS: AR68.20-P-2350V).

5. Pull the climate control module (N18) out of the recesses (arrow, Figure 2) on the upper control panel control module (N72/1). Then tilt the climate control module (N18) downward until the electrical connectors (1) are accessible.

6. Disconnect electrical connectors (1, Figure 2) and remove climate control module (N18).

7. Installation of new climate control module is in reverse order.

**Note:**

Ensure new climate control module (N18, Figure 2) is properly seated into the recesses (arrow) on the upper control panel control module.

8. Reconnect negative battery cable.

9. Connect battery charger.

10. Transfer settings (saved to Star Diagnosis) to new climate control module (N18):

Read coding and transfer to new control unit (switch ignition **ON**)/Normalizing Positioning Motors/Initial startup with automatic takeover of settings of previous control unit; Question: Do you want to break in new AC compressor? Select: NO.

**Note:**

When the transfer of the control module settings is complete, the following screen will be displayed: "Initial startup was fully completed".

- 11 Reinstall air duct covering battery in reverse order.
12. Reinitialize electrical systems (refer to WIS: AR00.19-P-0200V).

**Parts Information**

| Qty. | Part Name                       | Part Number        |
|------|---------------------------------|--------------------|
| 1    | Climate Control unit (Code 581) | A 171 830 01 85 05 |
| 1    | Climate Control unit (Code 580) | A 171 830 05 85 28 |

**Note:**

- Only one Climate Control Unit is replaced under this campaign.
- The Automatic A/C (AAC) Climate Control Unit is Code 580
- The Convenience A/C (C-AAC) Climate Control Unit is Code 581

**Note:**

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

**Warranty Information**

**Operation:** Climate control unit, replace (02-4653)

| Damage Code | Operation Number | Labor Time (hrs.) | Model Indicator(s) |
|-------------|------------------|-------------------|--------------------|
| 83 940 47 7 | 02 4653          | 0.8 hrs.          | X1, X2             |