



TECHNICAL ADVICE

A quick information for your help

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Edition. 1

To the attention of Service Managers

Market Area(s): All	Vehicle Model(s): 9-5
Subject: Too Hot Air in Rear Vents	

CARS AFFECTED

Procedure 1.

All 9-5 M98 LHD up to VIN 23058288 which have been retrofitted with 53 34 040 Rear Cam Service Kit LHD.

All 9-5 M98 LHD- which is updated with 53 36 664 Heat Exchanger Kit, according to SI 854-2396 and 854-2411.

All 9-5 M02 LHD from VIN 23058289-73522465.

All 9-5 M98 RHD up to VIN 53510970 which have been retrofitted with 53 34 636 Rear Cam Service Kit RHD.

All 9-5 M98 RHD- which is updated with 53 36 672 Heat Exchanger Kit, according to SI 854-2396 and 854-2411.

All 9-5 M05 RHD from VIN 53510971-73522465.

Procedure 2.

All 9-5 M98-

BACKGROUND

We have found on some 9-5 that they blow too much Hot Air in Rear Outlets compared to the Front Outlets.

The Rear Heater Flap is sometimes not in the correct position (set to more heat), see **Procedure 1**.

There is also a known problem that when closing the both Passenger Front Vents, there will be an increase of Hot Air in Rear Vents, see **Procedure 2**.

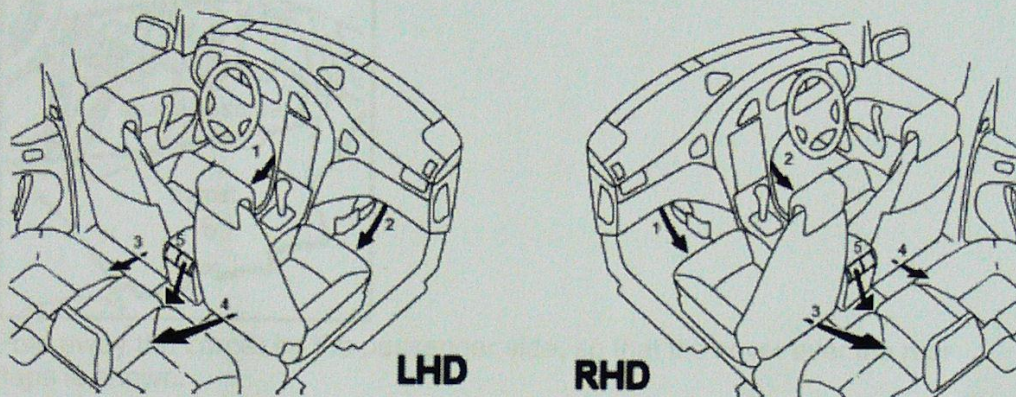
Also the offset of the temperature (higher on the passenger side than driver side) will make this problem even worse.

CONDITIONS

Could happen in all seasons, but mostly during spring and summer.
One or both Passenger Front Vents are closed.

SYMPTOM DESCRIPTION

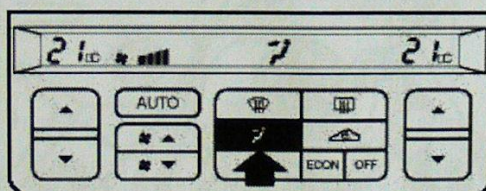
The front system is blowing a certain temperature out of the Front Floor Passenger Outlet (2 in LHD picture below, 1 in RHD picture below,). The air temperature from the Rear Air Outlets (3, 4 and 5 in pictures below) is at least 10 degrees higher.



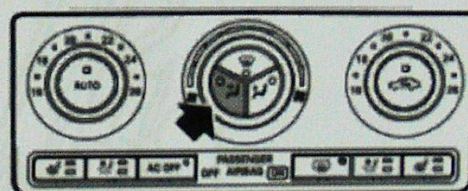
ACTION

Procedure 1

- 1 Ignition set in position ON.

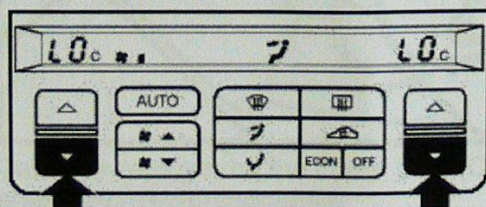


M98-M05

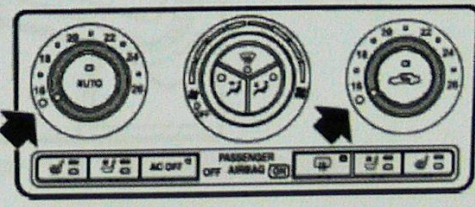


M06-

- 2 Set distribution mode in VENT.



M98-M05



M06-

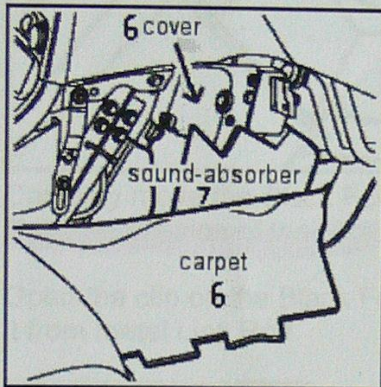
- 3 Set both the driver and passenger temperature on LO.
Reduce the fan to one bar on the scale.
Wait until the system has been stabilised. (approx. 30 sec).

- 4 Ignition set in position OFF.
- 5 Remove Glove box from the vehicle according to WIS 9-5 -8. Body / Interior equipment / Adjustment / Replacement / Glove box.

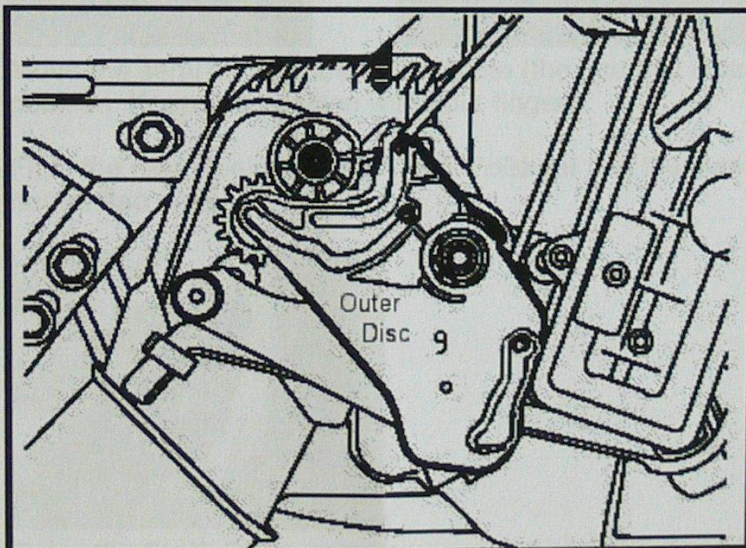
Note:

Following Pictures shows LHD vehicle, RHD is inverted.

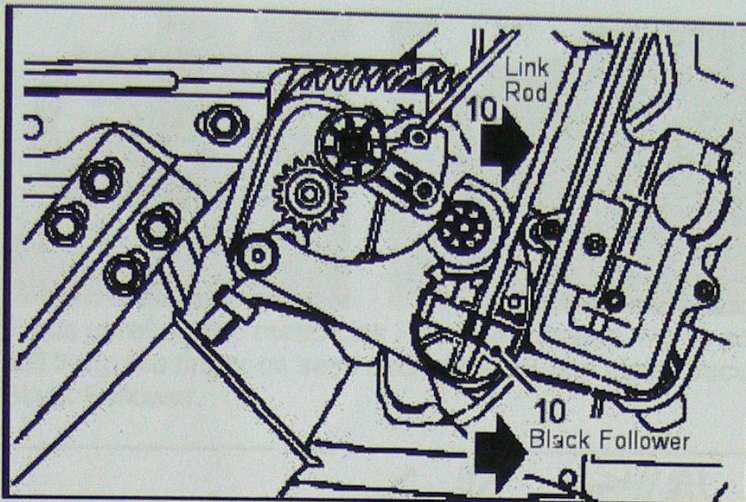
Where parts are Yellow, they are for LHD vehicle, the same parts are Blue for RHD.



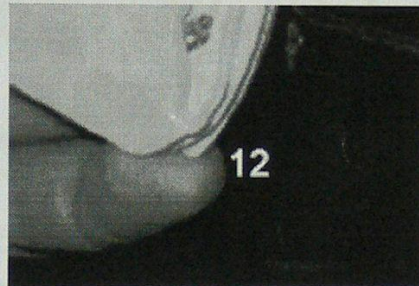
- 6 Fold away the carpet on the passenger side, so that the cover over the rear flaps is shown.
- 7 Where appropriate, remove sound-absorber below the cover.
- 8 Remove the 4 screws of the rear cover and remove the cover.



- 9 Carefully remove the the Outer Disc (Cam Float), note the position of the outer disc before removing.



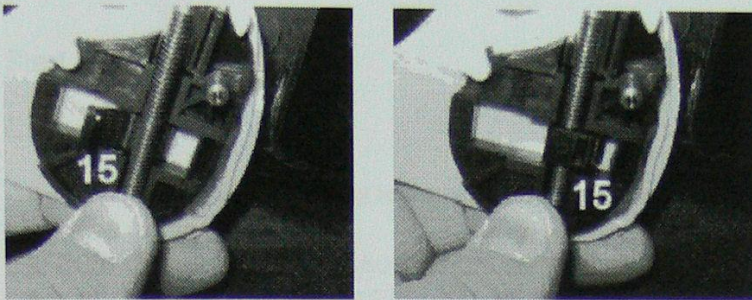
- 10 Carefully move the Black Follower together with the Link Rod out and forward. **Note the position of the "Black Follower" before removing.**
- 11 Open the clip on the Black Follower with a small screw driver and remove it from metal Link Rod.



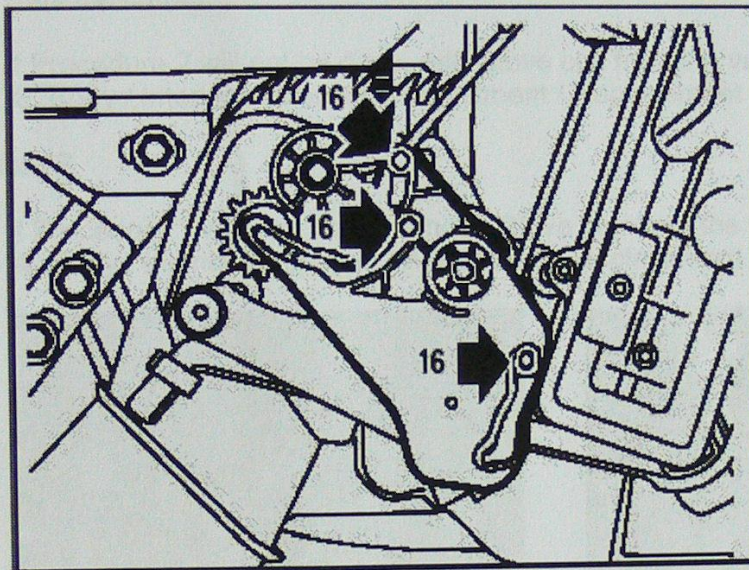
- 12 Move the semi circled heater flap plate (the one that is farthest in) to its upper end position. Keep this position with your finger.
- 13 Fit in the rear steel pin of the Black Follower into the oval hole in the semi circled heater flap plate.



- 14 Press the Black Follower to its upper end position. Keep this position with your finger. Still keep the finger on semi circled heater flap plate.



- 15 Press carefully the metal Link Rod upwards and into its position in the Black Follower, still keep the finger on semi circled heater flap plate. Secure the clip of the Black Follower.

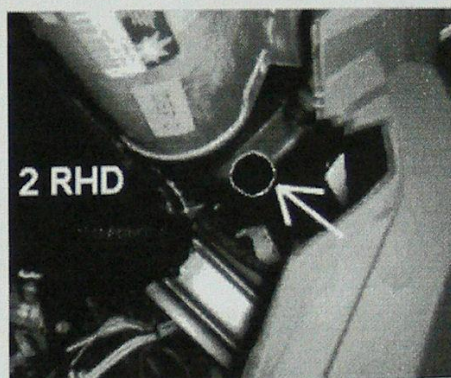
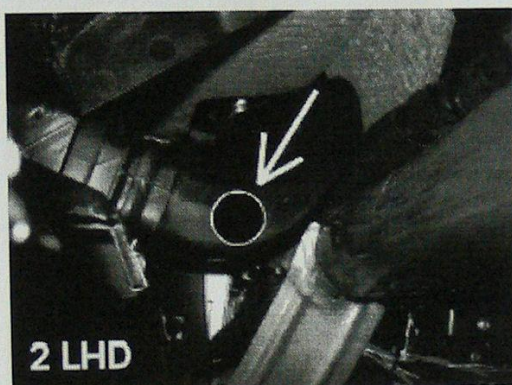


- 16 Carefully fit the Outer Disc, note that all 3 pins are in correct tracks, the clip shall snap on.
- 17 Start the engine.
- 18 Calibrate the ACC by simultaneously pressing the buttons AUTO and OFF. Wait until the control levers have stopped.
Note:
 Keep a finger gently on the top gear-wheel to prevent it from moving out during the calibration.
- 19 Check that the flap levers move from one end position to the other end position without stop and noise.
- 20 Ignition set in position OFF after the calibration.
- 21 Fit the cover with 4 screws. Start with upper, rear screw, then with lower rear and so on.
 Tightening torque 1,4 Nm (1 lbf ft).
Note:
 Be very carefull so that the clips on the cam base don't get damaged.
- 22 Where appropriate, refit the sound-absorber below the cover.

- 23 Start the engine again.
- 24 Calibrate the ACC again.
- 25 Check that flap levers move from one end position to the other end position without stop and noise.
Set both the driver and passenger temperature on ACC to 21 and AUTO after calibration. Wait until the system has been stabilised. (approx. 30 sec).
- 26 Ignition set in position OFF.
- 27 Refit the carpet.
- 28 If Procedure 2 will not be done, refit Glove box from the vehicle according to WIS 9-5-8. Body / Interior equipment / Adjustment / Replacement / Glove box.

Procedure 2

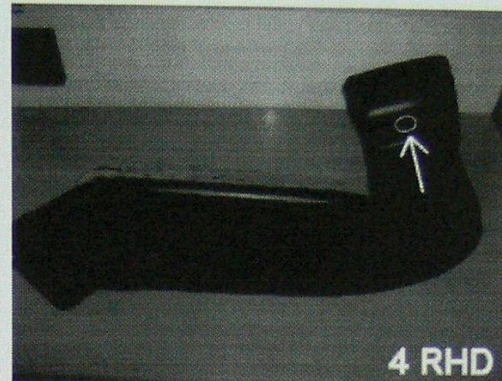
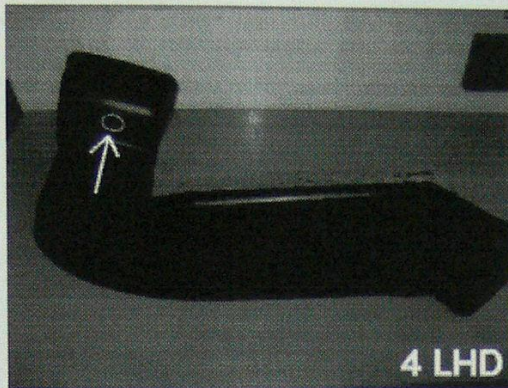
- 1 If Procedure 1 was not done, remove Glove box from the vehicle according to WIS 9-5-8. Body / Interior equipment / Adjustment / Replacement / Glove box.



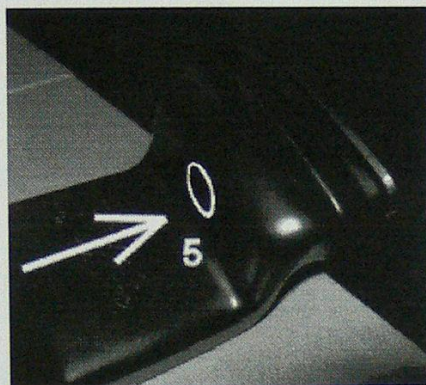
- 2 Locate the Passenger Centre Duct, leave the duct in position and drill a 27 mm diameter hole. Drill the hole on the radius, approximately 50 - 60 mm from the dashboard outlet. **Note**, it is very important that the holes are drilled to the specified size. Remove all loose plastic particles around the drilled holes.



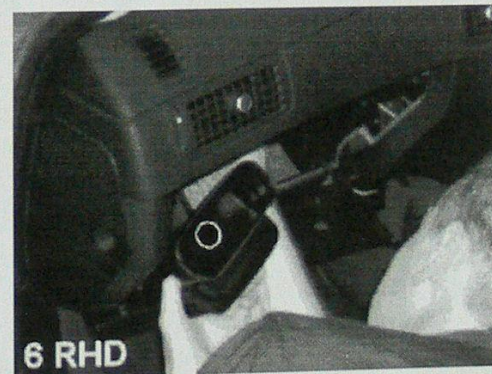
- 3 Locate the Outer Passenger Side Duct.



- 4 Remove the Outer Passenger Side Duct from the ventilation housing. and the outlet in the dashboard, take it out of the car and drill a 27 mm diameter hole.



- 5 Drill the hole on the "back side" of the duct, just below the radius.
Note, it is very important that the holes are drilled to the specified size. Remove all loose plastic particles around the drilled holes.



- 5 Refit the duct.

- 7 Refit the glove box according to WIS 9-5 -8. Body / Interior equipment / Adjustment / Replacement / Glove box.

Parts required: None