

87: Air conditioning, B5254T2

V70 XC (01-) / XC70 (-07), 2006, B5254T2, AW50/51

AWD, L.H.D, YV1SZ595761211090, 211090

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**PRINT****87: Air conditioning, B5254T2****Magnet clutch
AC-compressor,
replacing****Special tools:**

999 5596
999 5597
999 5598
999 5599
999 5600
999 5602
999 7193

**Note! The
illustrations in this
service
information are
used for different
model years
and/or models.
Some variation
may occur.
However, the
essential
information in the
illustrations is
always correct.**

Preparatory work

**Warning! Follow
the safety
instructions for
work on air
conditioning
systems. See:
Refrigerant, safety
regulations .**

**Note! First read
the instructions
covering slow and
fast leaks. See Oil
air conditioning
(A/C) system,
filling .**

**Note! When
replacing a
compressor,
always replace the
O-rings in pipes**

and quick-release connectors.

Note! Always plug the pipes and connections when working on the climate control system.

Disconnect the battery negative cable. See: Battery, disconnecting .

Preparatory work

Drain the refrigerant from the system.
See Refrigerant, draining .

Removal

Removing the auxiliaries belt

MY 1999-2000:

Remove the auxiliaries belt from the AC compressor acc. to: .

MY 2001-2004:

Remove the auxiliaries belt from the AC compressor acc. to: .

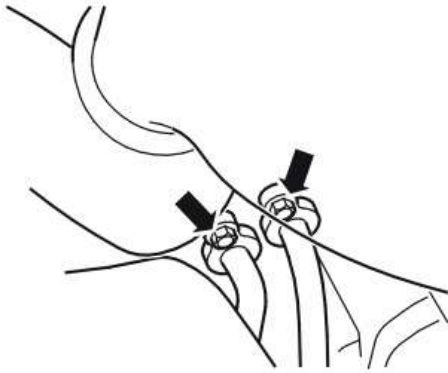
Model year 2005-

Remove the auxiliaries belt from the AC-compressor.
See: Auxiliaries belt / belt tensioner, replacing Auxiliaries belt / belt tensioner, replacing .

Removing AC-compressor

Note! The AC-compressor is removed from below.

Loosen the screws, 2 pcs., for the AC-compressor's low and high pressure connections.



Removing the splash guard

Note! Install the front lift arms so that they do not block the sub-frame's support panels.

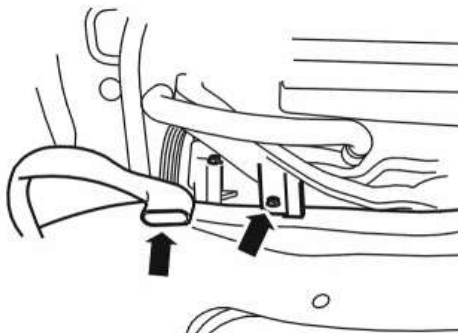
Raise the vehicle.

Loosen the protective cover under the engine by removing the screws, 7 pcs.



Remove the screws, 2 pcs., for the front protective cover.

Press in the catches in the cover's front edge and then pull backward.

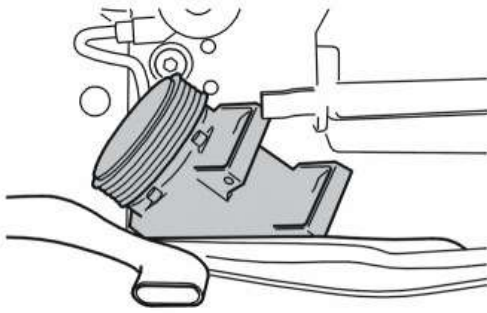


Remove the screw, 1 pc. for the cable channel and loosen the cable channel from the sub-frame.

On certain versions: remove or loosen the control module box's air channel from the sub-frame.

Remove:

- the low and high pressure hoses from the AC-compressor and fold them

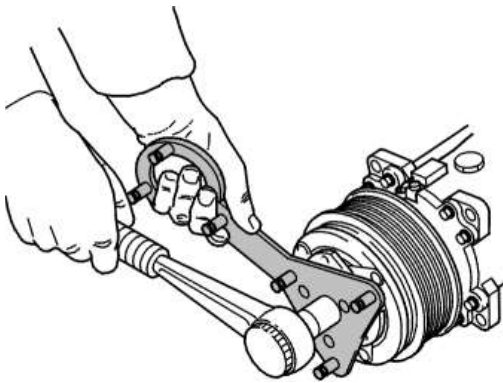


aside

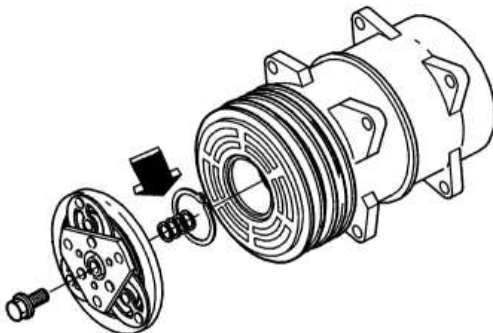
- the connector for the AC-compressor's magnet clutch
- the screws, 4 pcs., from the AC-compressor.

Hold aside the cable channel and remove the AC-compressor by extracting it between the sub-frame and body.

Removing the drive plate



Loosen the screw, 1 pc., for the drive plate using a counterhold: 999 5596 .

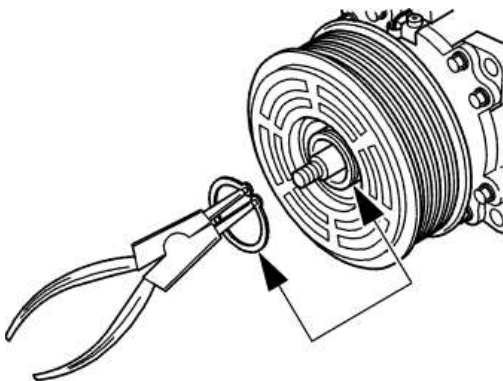


Loosen the drive plate using a puller: 999 5597 .

Note! Keep the shims.

Removing the pulley's lock ring

Remove the snap ring.



Removing the pulley

Pull off the pulley with a puller: 999 5598 and sleeve: 999 5599 .