



Select Vehicle | New TSBs | Technician's Reference

Component Search:

Conversion Calculator

1993 BMW 325i (E36) L6-2494cc 2.5L DOHC (M50 TU)

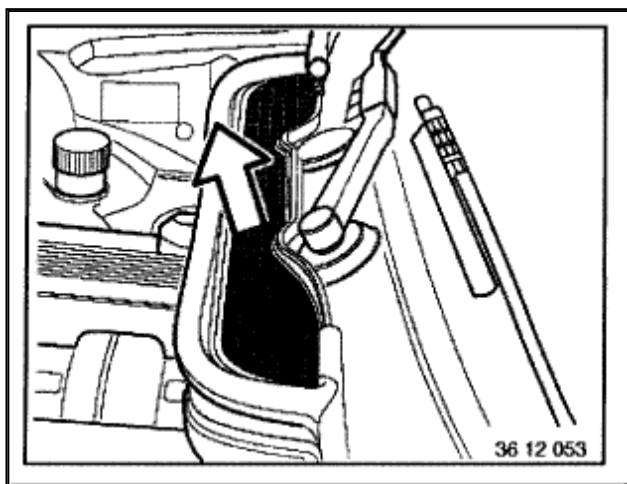
[Vehicle Level](#) → [Heating and Air Conditioning](#) → [Blower Motor](#) → [Service and Repair](#) → [With Air Conditioning](#) ←

With Air Conditioning

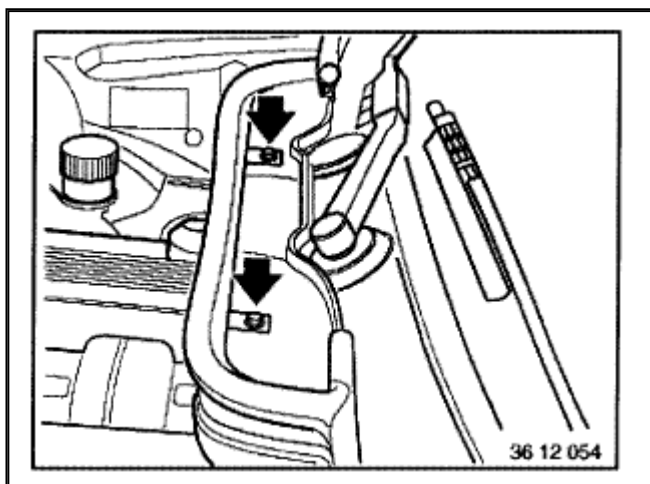
[Notes](#)

Removing and Installing/Replacing Heater and Air Conditioning Fan (M50, S50, M52)

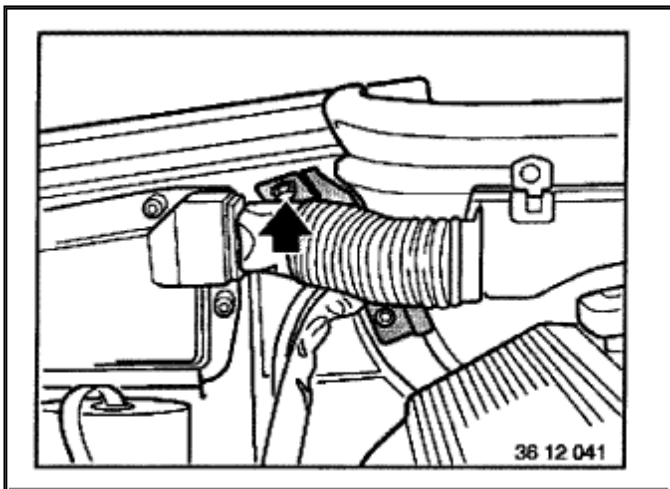
- **Additional work on 2-door model:** Remove console for the windshield wiper system.
- Position windscreen wiper, left, vertically.



- Pull off rubber part and pry out grill.



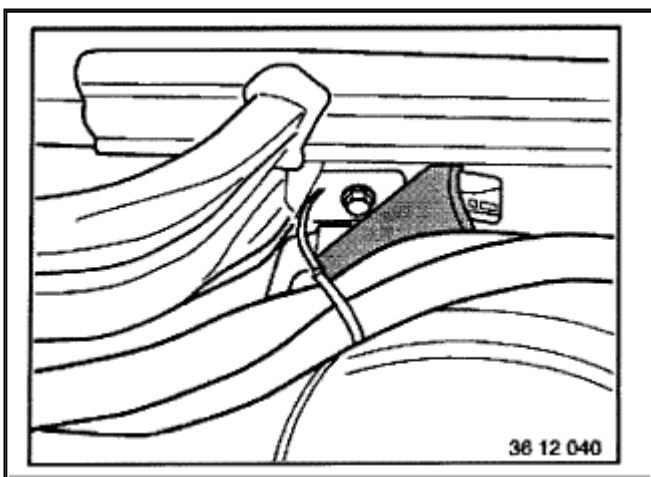
- Remove screws from cable channel.



Zoom

Sized for Print

- Remove screws on right-hand side and take off holder.

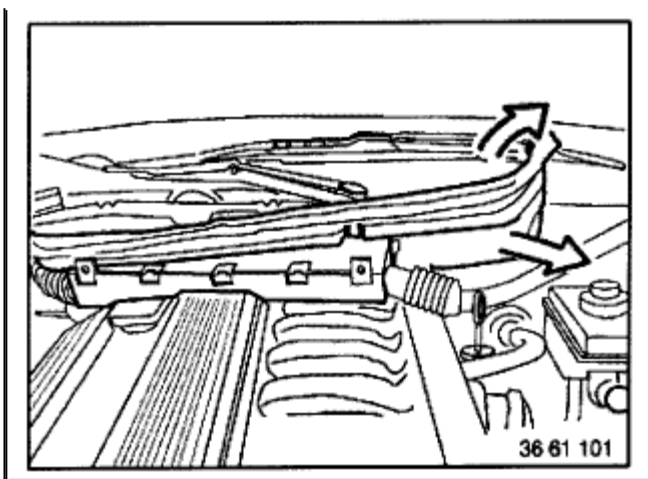


Zoom

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- Unscrew left-hand screw.





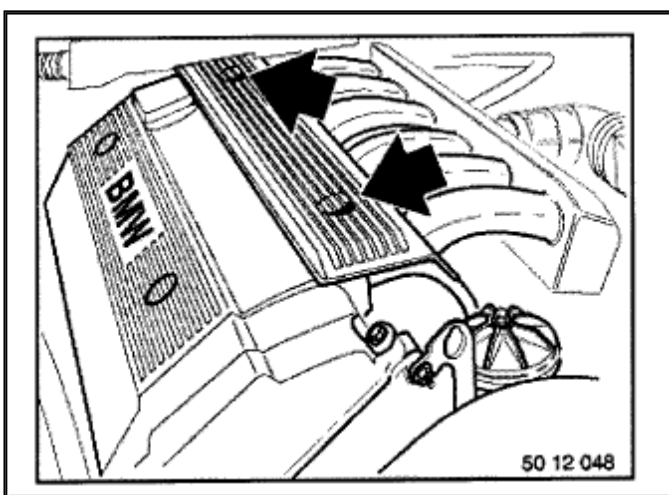
Zoom

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- Pull out air collector in upwards direction.

Note:

Air collector will be difficult to pull out.



Zoom

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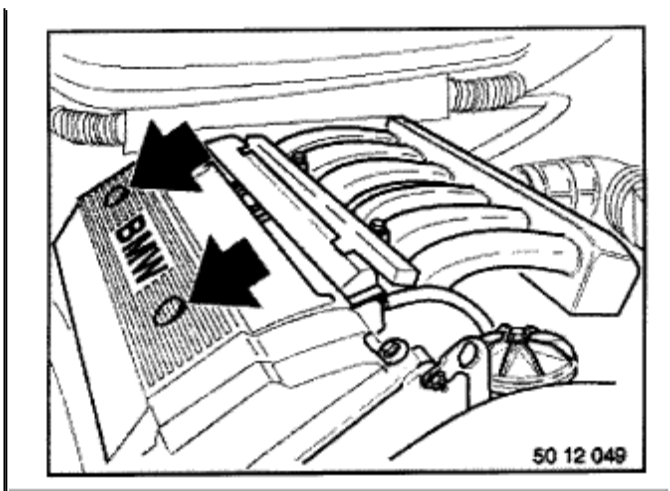
M50, M52

Unclip covers.

Unscrew bolts.

Remove cover of injection-valve plate.

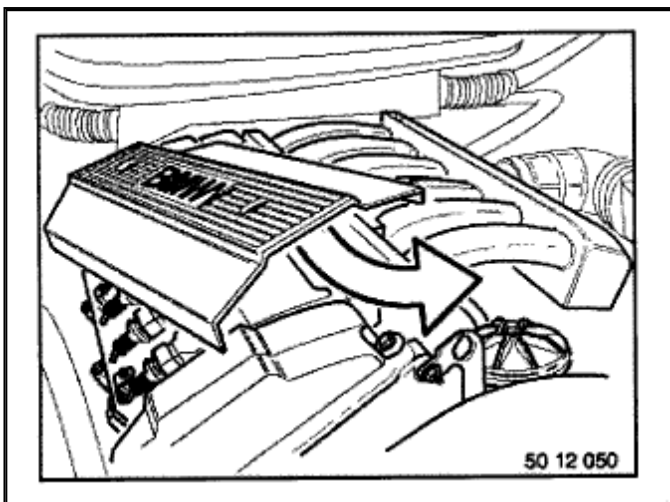




Zoom

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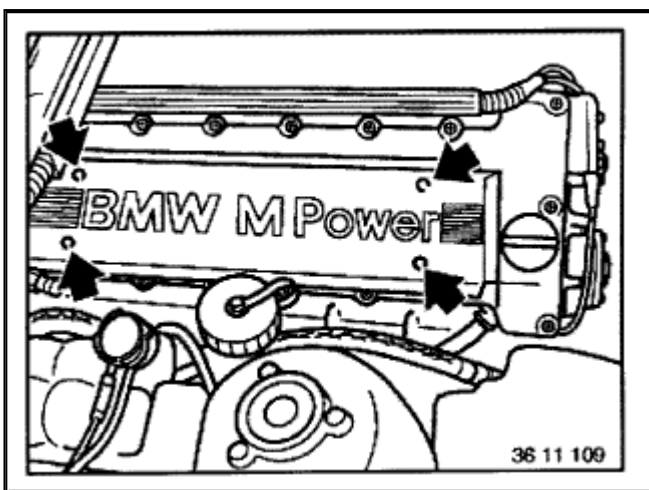
- Unclip covers and remove screws.



Zoom

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- Remove cover.

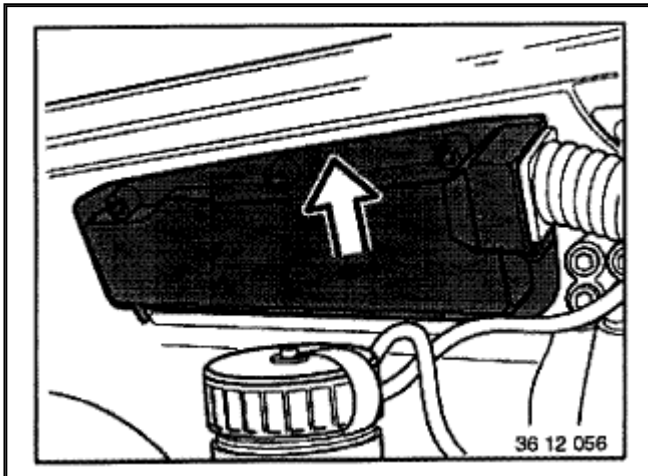


Zoom

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S50

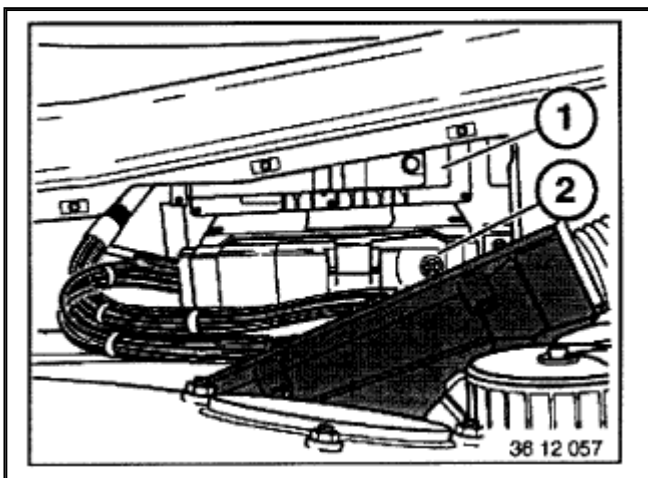
Unfasten screws and remove cover.



Zoom

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- Remove screws and tilt electric-lead cover in forwards direction.

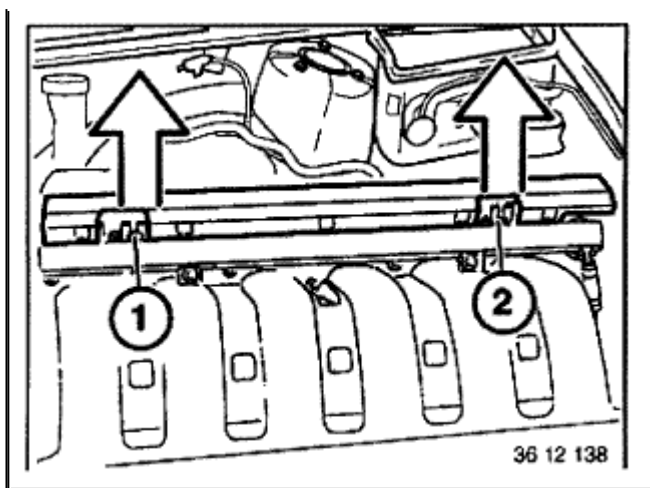


Zoom

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- Disconnect plug-in connections (1 and 2) from control units and place cable harness to one side.

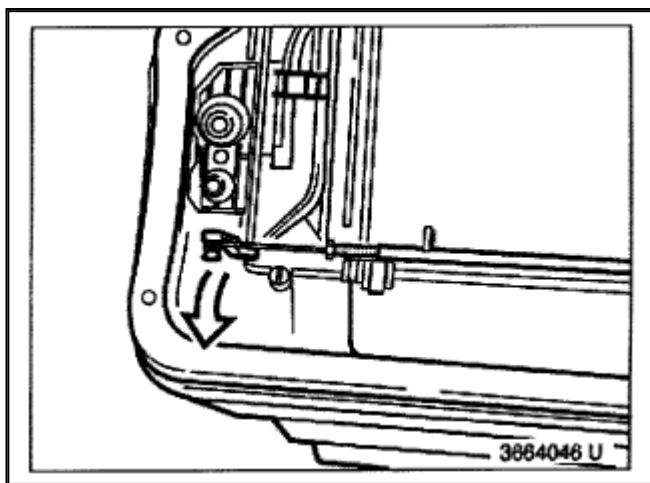




Zoom

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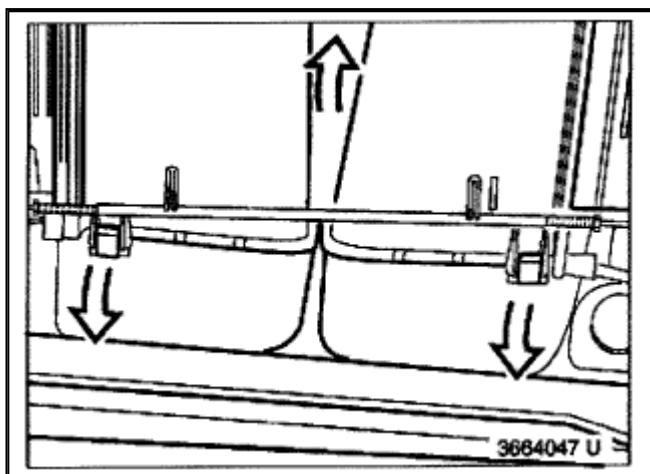
- Unfasten screws (1 and 2) and place cable channel to one side.



Zoom

Sized for Print

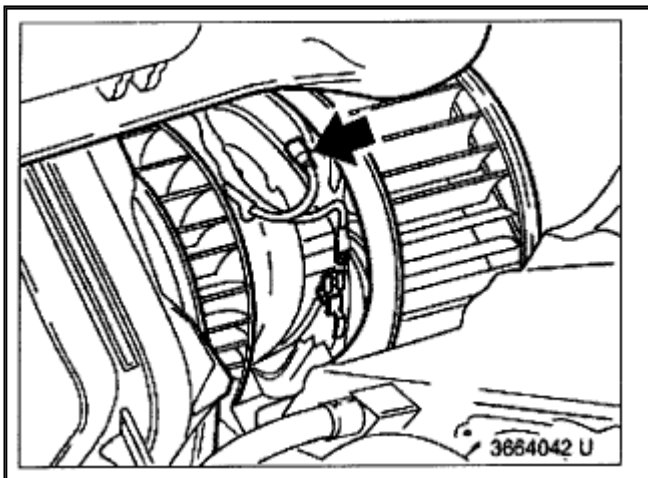
- Disconnect cable.



Zoom

Sized for Print

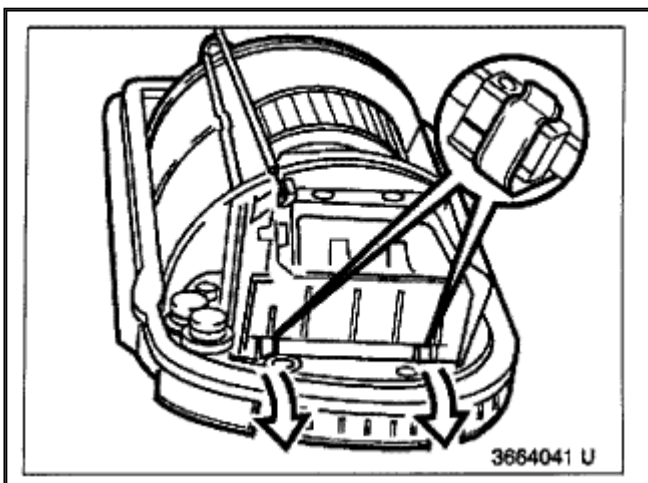
- Unfasten clips and remove blower cover.



Zoom

Sized for Print

- Disconnect connector.



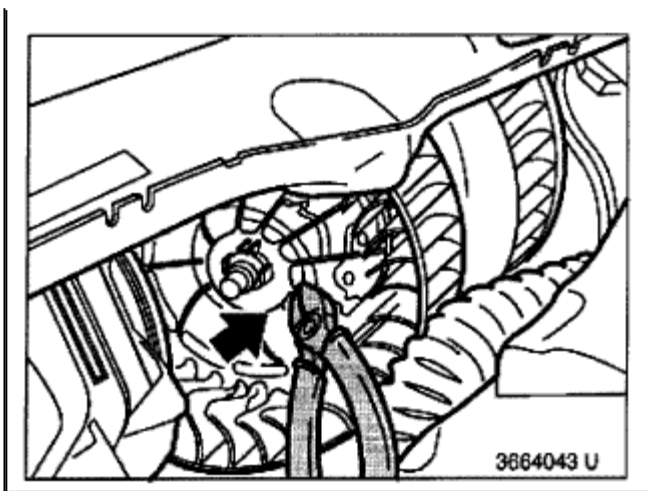
Zoom

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- Unfasten clips and lift out left upper section of blower.

Note: The air conditioning system remains installed. Illustration shows air conditioning unit removed.

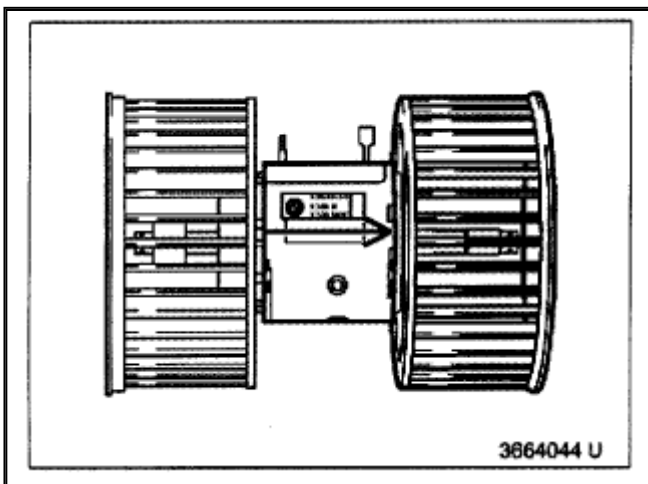




Zoom

Sized for Print

- Cut off blower wheels at brace.
- Lift out blower wheels separately together with blower.



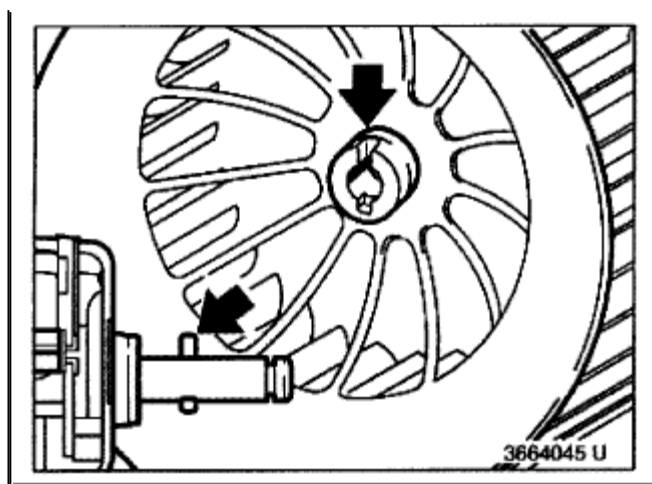
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Sized for Print

Installation note:

Install fan motor and fan gears individually in air manifold box and assemble there. Install blower wheel on shaft of blower motor so that colours match. The arrow on the blower indicates the correct installation position of the blower wheels.





Zoom

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Caution! Blower wheels are balanced and fit on the shaft in one position only.

Installation note:

The installation direction of the blower wheels is defined by the differing press-in depth of the driver pin.