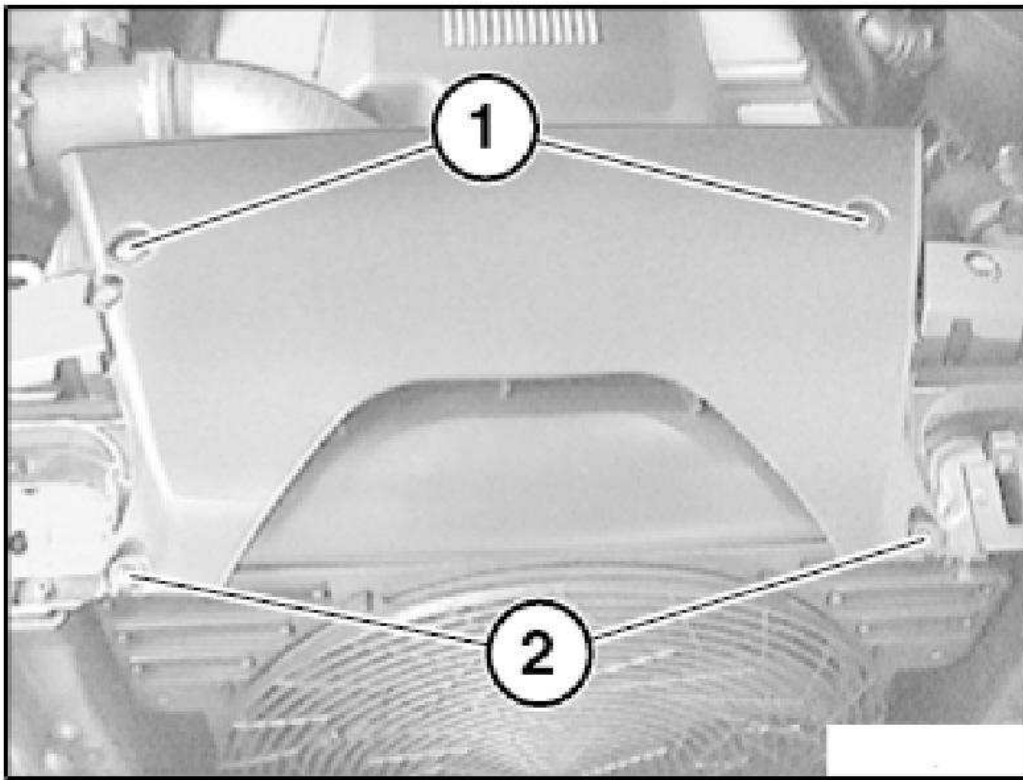


17 11 031 REPLACING FAN COWL (M62 / M54)**M62 Only:**

Lever out expansion rivets (1). Release screws (2). Tightening torque, see 13 71 3AZ in **FUEL SYSTEM - TIGHTENING TORQUES**.



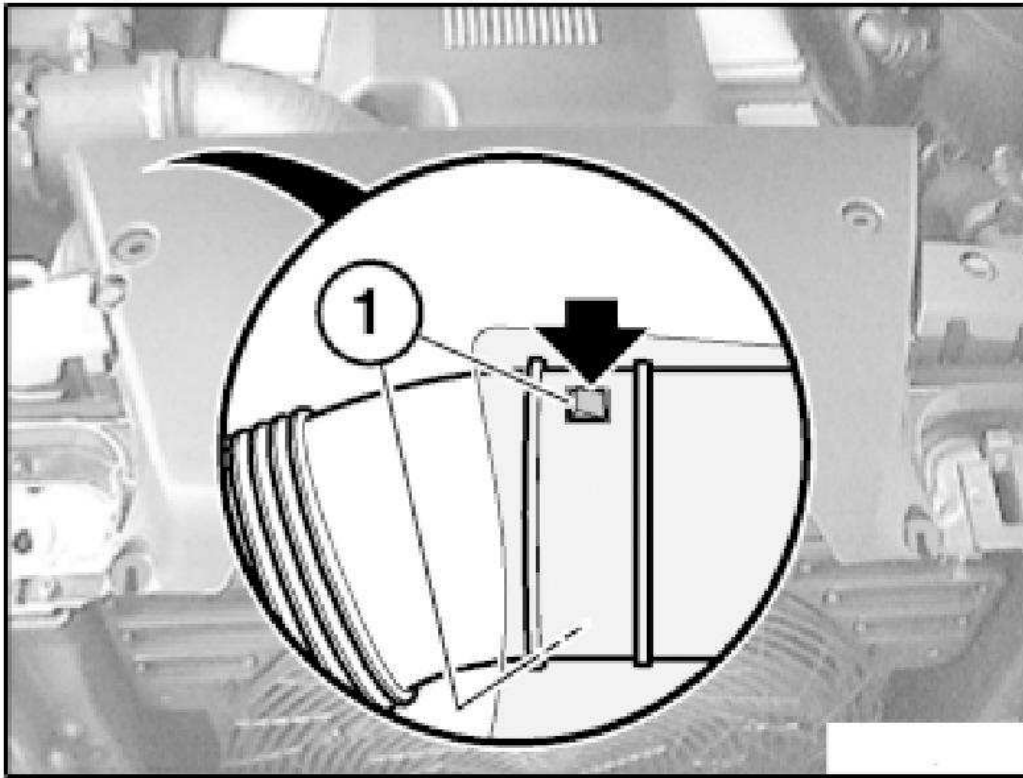
G03252472

Fig. 33: Removing Expansion Rivets

Courtesy of BMW OF NORTH AMERICA, INC.

NOTE: Intake pipe is secured in intake hood by means of two retaining lugs (1). Retaining lugs are located under intake hood.

Press in retaining lugs (1) and remove intake hood.



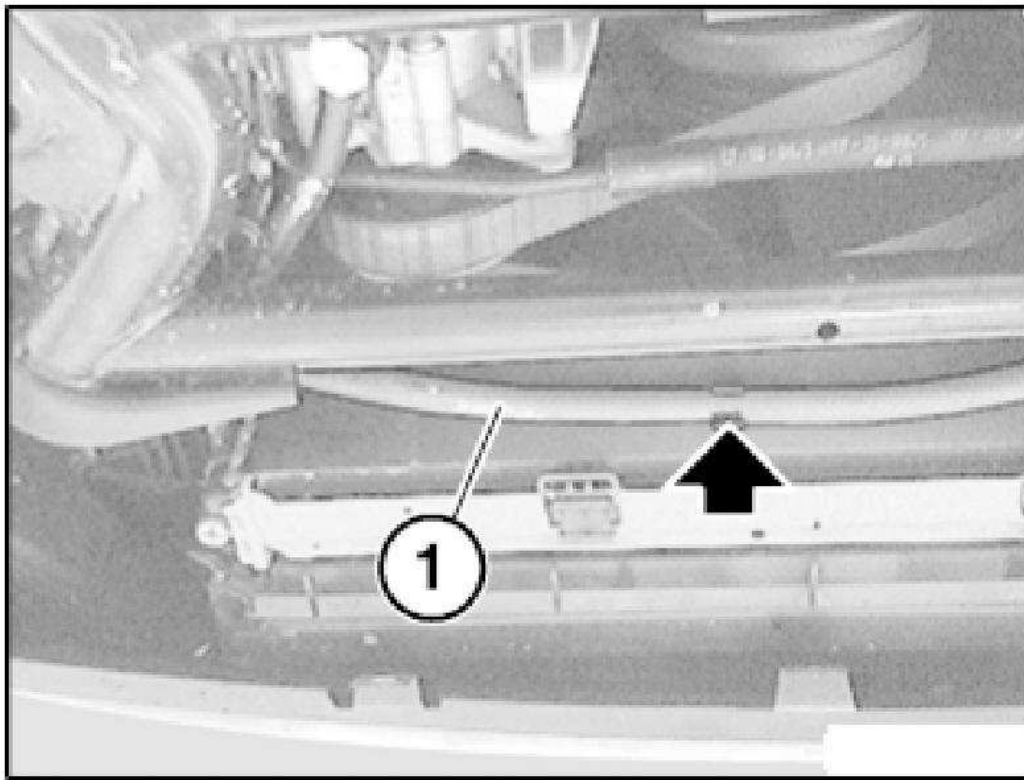
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Fig. 34: Removing Intake Hood By Pressing Retaining Lugs

Courtesy of BMW OF NORTH AMERICA, INC.

Unclip water hose (1) from holder on fan cowl.

NOTE: For purposes of clarity, this work step is shown on the car from below. Underbody paneling does not have to be removed. Water hose (1) can be pulled out of holder from above.



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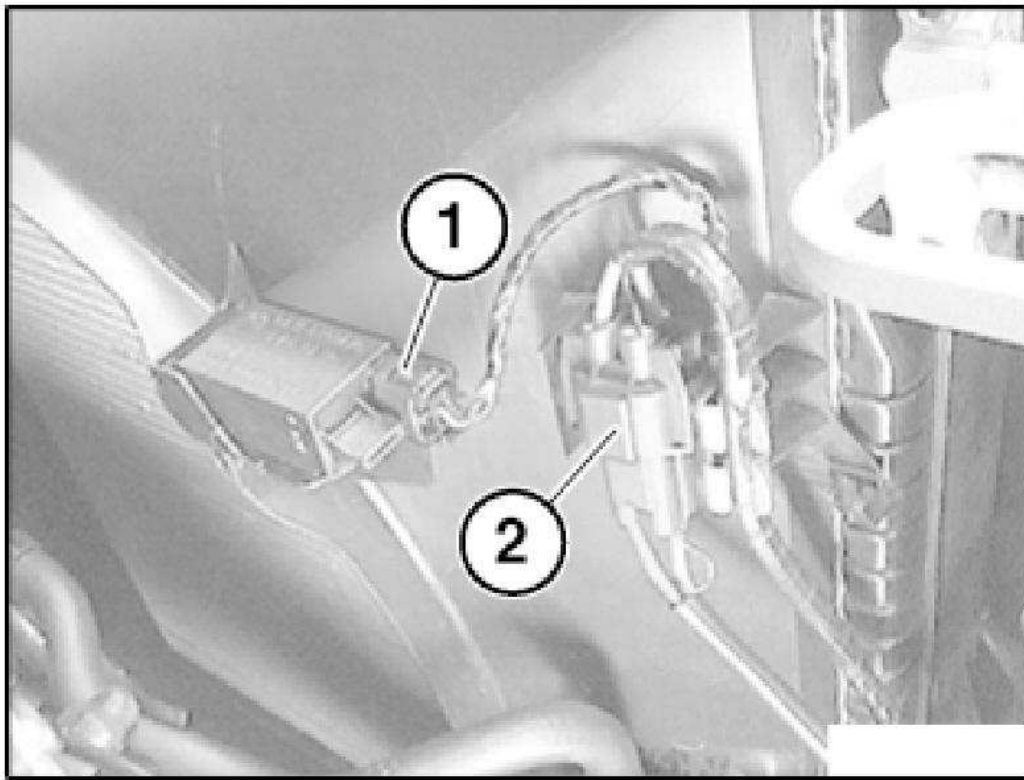
Fig. 35: Locating Water Hose
Courtesy of BMW OF NORTH AMERICA, INC.

M62, M54

Remove fan impeller with fan clutch.

Detach plug (1) from AUC sensor.

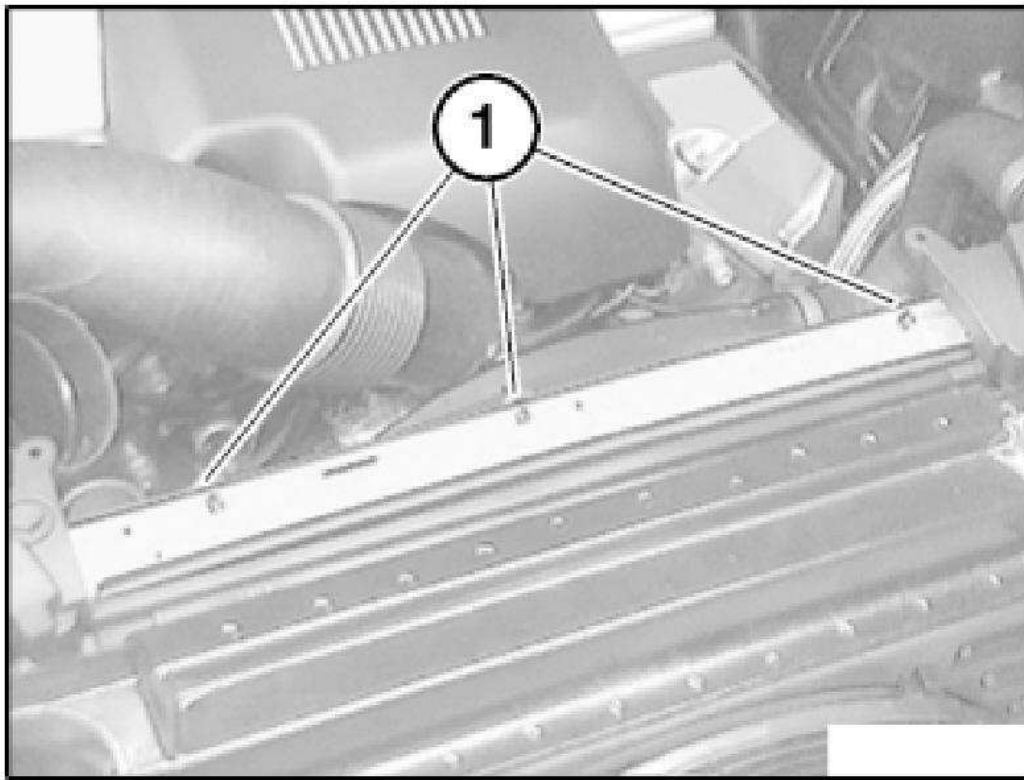
Unlock plug connection (2) and unclip cable.



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Fig. 36: Detaching Plug From Auc Sensor And Plug Connection
Courtesy of BMW OF NORTH AMERICA, INC.

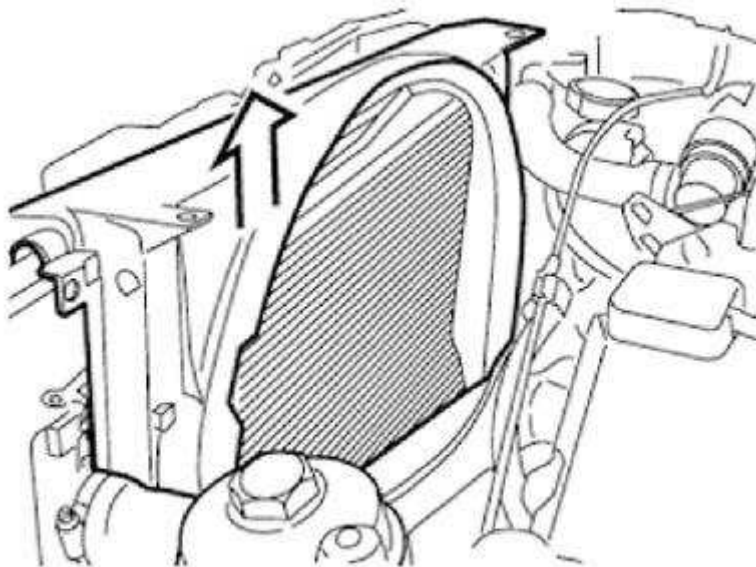
Lever out expansion rivets (1).



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Fig. 37: Removing Expansion Rivets
Courtesy of BMW OF NORTH AMERICA, INC.

Remove fan cowl towards top.

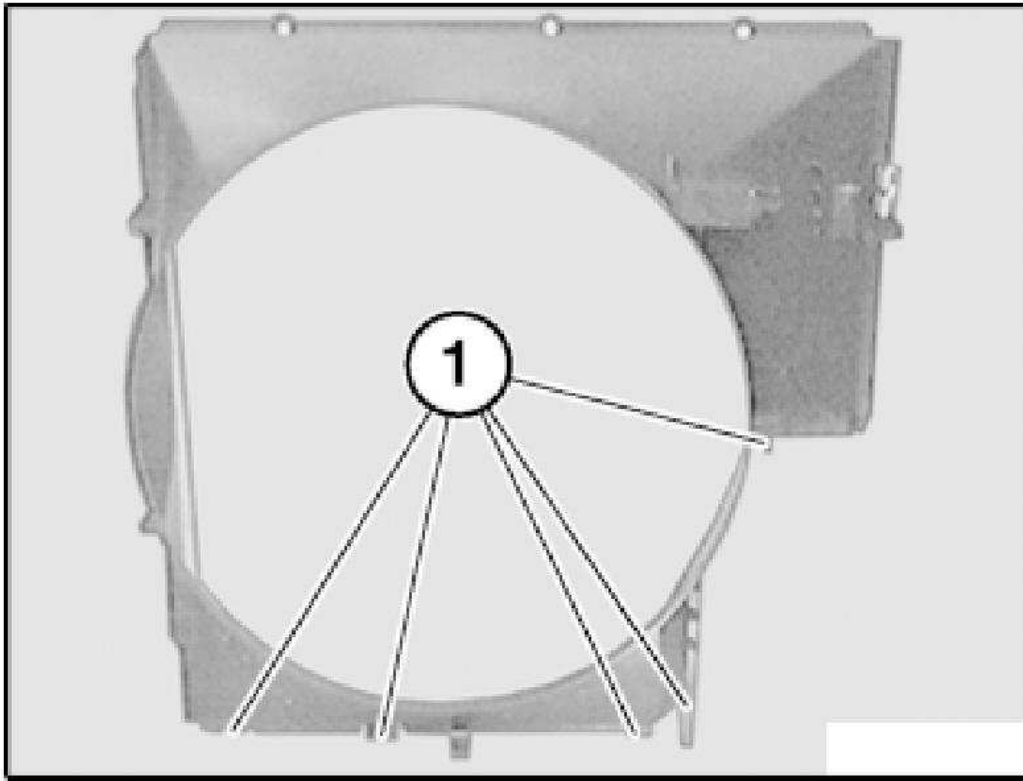


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Fig. 38: Removing Fan Cowl
Courtesy of BMW OF NORTH AMERICA, INC.

Installation:

Attach lugs (1) to holders on radiator.



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Fig. 39: Attaching Lugs To Holders On Radiator
Courtesy of BMW OF NORTH AMERICA, INC.