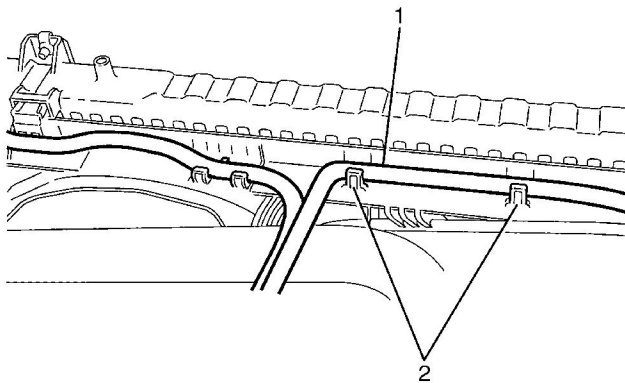


Cooling Fan and Shroud Replacement

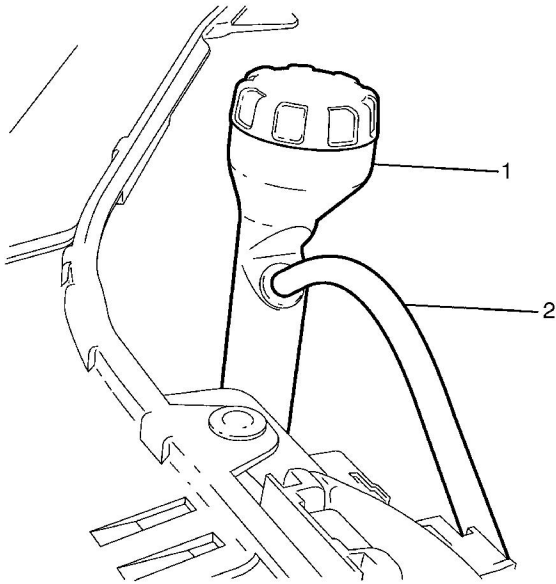
Removal Procedure

Caution: Refer to [Battery Disconnect Caution](#) in the Preface section.

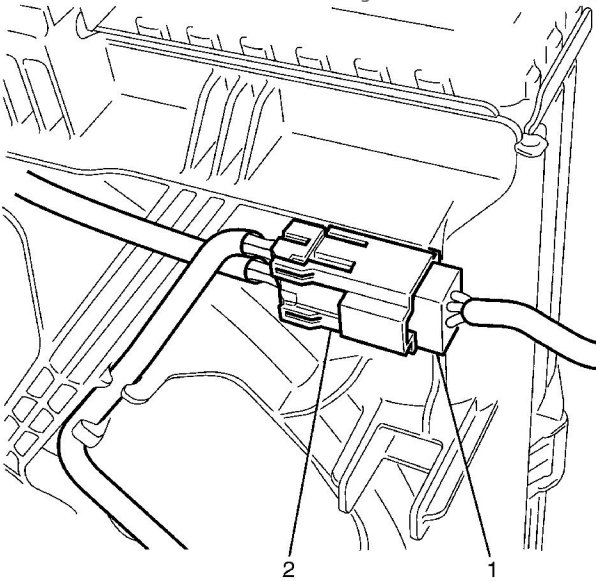
1. Disconnect the battery ground cable from the battery. Refer to [Battery Negative Cable Disconnection and Connection](#)
2. Remove the radiator air baffle and deflector. Refer to [Radiator Air Upper Baffle and Deflector Replacement](#) .
3. Remove the Mass Air Flow sensor. Refer to [Mass Airflow Sensor/Intake Air Temperature Sensor Replacement](#) for 3.6L engine, or [Mass Airflow Sensor/Intake Air Temperature Sensor Replacement](#) for 6.0L engine.
4. Remove the air intake duct. Refer to [Air Cleaner Inlet Duct Replacement](#) for 3.6L engine, or [Air Cleaner Inlet Duct Replacement](#) for 6.0L engine.
5. Remove the radiator inlet hose. Refer to [Radiator Inlet Hose Replacement](#) .



6. Detach and remove the coolant recovery hose (1) from the coolant recovery hose retaining locks (2).



7. Detach the coolant recovery reservoir hose (2) from the coolant recovery reservoir (1).

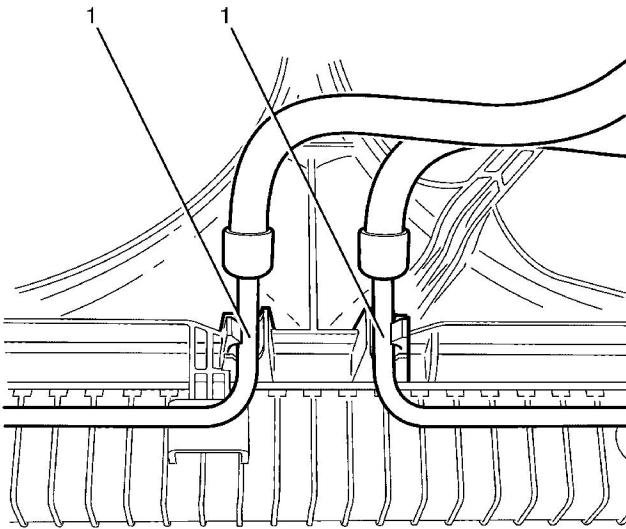


8. Detach the cooling fan motor electrical connector (2), from the main wiring harness (1).

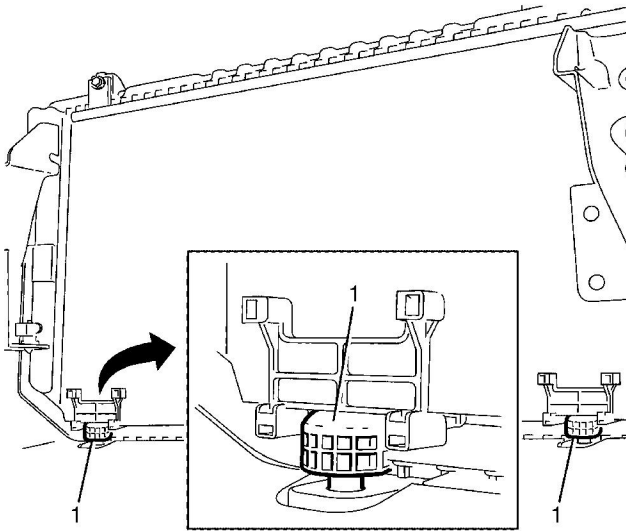
Caution: Refer to [Safety Glasses Caution](#) in the Preface section.

Caution: Refer to [Vehicle Lifting Caution](#) in the Preface section.

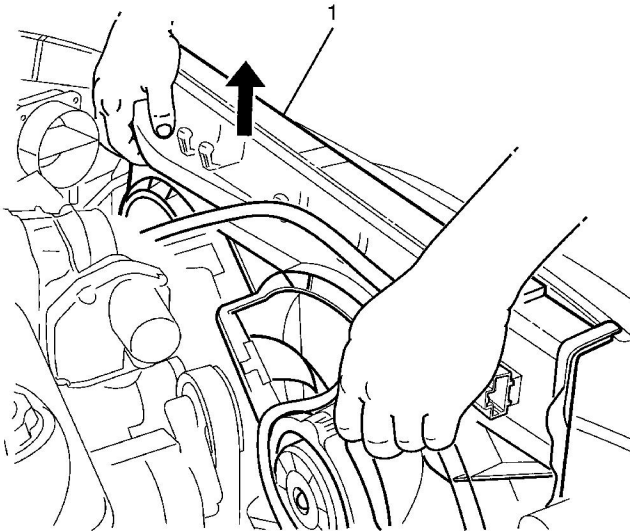
9. Raise and support the vehicle. Refer to [Lifting and Jacking the Vehicle](#) .



10. Detach the transmission cooling hoses (1) from the fan shroud.
11. Lower the vehicle.



12. Remove the fan shroud (3) by pressing down on retaining lugs (1) to release it from the radiator assembly (2).

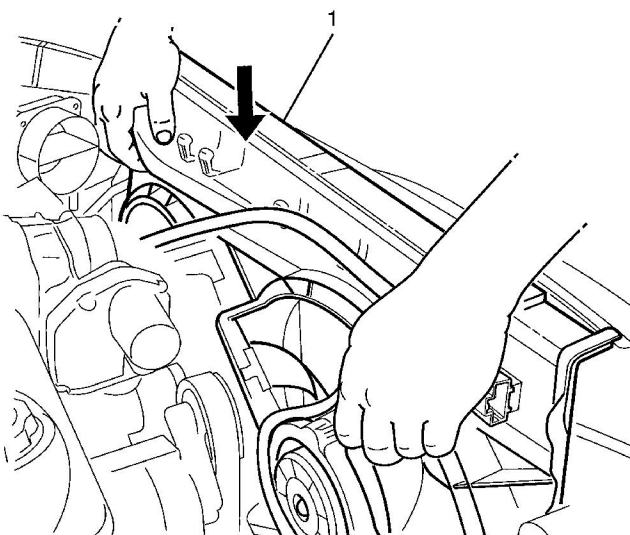


Important: When removing or installing the fan assembly always hold it by the fan motor mounting struts.

Important: Do not grasp the assembly by the fan rings as this may cause vibrations when the fans are in motion.

13. While holding the fan motor mounting struts remove the cooling fan and shroud assembly (1).

Installation Procedure



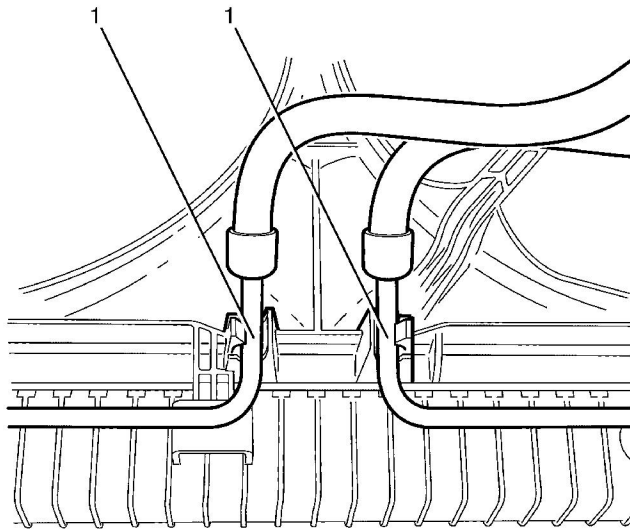


1. Install the cooling fan and shroud assembly (1).
2. Install the cooling fan and shroud assembly (1) onto the radiator (2) by pushing assembly forward until tabs lock into radiator retaining lugs. Listen for an audible click to confirm fitting.

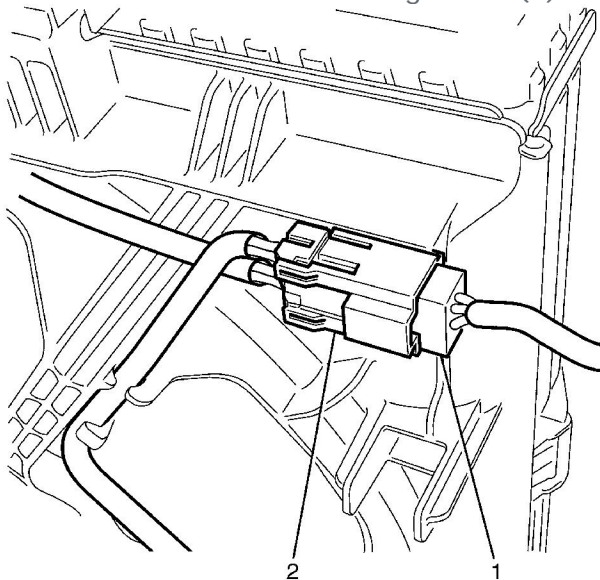
Caution: Refer to [Safety Glasses Caution](#) in the Preface section.

Caution: Refer to [Vehicle Lifting Caution](#) in the Preface section.

3. Raise and support the vehicle. Refer to [Lifting and Jacking the Vehicle](#) .

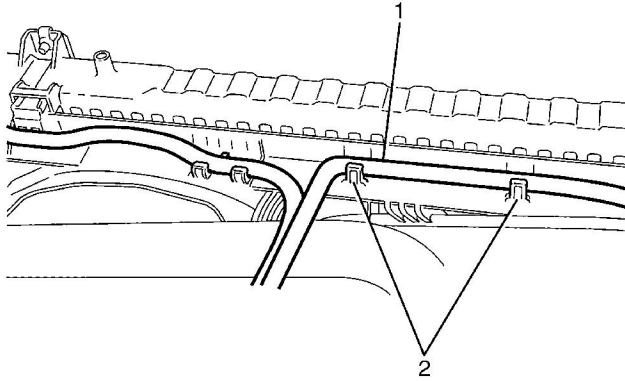


4. Install the transmission cooling hoses (1) onto the fan assembly.





5. Attach the cooling fan electrical connector (2) to the main wiring harness (1).



6. Attach the coolant recovery hose (1) into the coolant recovery hose retaining locks (2).
7. Install the radiator inlet hose. Refer to [Radiator Inlet Hose Replacement](#) .
8. Install the air intake duct. Refer to [Air Cleaner Inlet Duct Replacement](#) for 3.6L engine, or [Air Cleaner Inlet Duct Replacement](#) for 6.0L engine.
9. Install the Mass Air Flow sensor. Refer to [Mass Airflow Sensor/Intake Air Temperature Sensor Replacement](#) for 3.6L engine, or [Mass Airflow Sensor/Intake Air Temperature Sensor Replacement](#) for 6.0L engine.
10. Install the radiator air baffle and deflector. Refer to [Radiator Air Upper Baffle and Deflector Replacement](#) .
11. Connect the battery ground lead to the vehicle. Refer to [Battery Negative Cable Disconnection and Connection](#) .
12. Start and run engine until the cooling fans are activated.