1975 Corvette: Service News: Radiator and Fan Shroud Removal

Subject: Radiator and Fan Shroud Removal

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Published information on 1975 Corvette models (refer to 1975 Service and Overhaul Manual Supplement, Page 13-5, Fig. 5) does not include a procedure for removal of the radiator and fan shroud.

Removal and replacement should be performed as follows:

- 1. Disconnect the battery ground cable.
- 2. Remove radiator cap when engine is cool by:
 - Slowly rotating cap counterclockwise to detent (do not press down while rotating).
 - Wait until any residual pressure (indicated by a hissing sound) is relieved.
 - After all hissing ceases, press down on cap while continuing to rotate counterclockwise.

CAUTION: To avoid the danger of being burned, do not remove radiator cap while engine and radiator are sill hot because scalding fluid and steam will be blown out under pressure.

- 3. Place vehicle on a hoise.
- 4. Open the drain cock and drain the radiator.
- 5. Disconnect transmission oil cooler lines if so equipped.
- 6. With help from an assistant, remove the hood.

- 7. Remove the fan shroud to radiator support brackets.
- 8. Remove the two (2) hood hinge forward bolts.
- 9. Remove six (6) radiator side support bolts. Access to these bolts is at wheel housing.
- 10. Remove two (2) radiator support bottom bolts and center brace.
- 11. Pull radiator support forward and clamp with a C-clamp to the right hood hinge.
- 12. Disconnect upper radiator hose and overflow rube hose at radiator.
- 13. Disconnect lower radiator hose at radiator.
- 14. With help from an assistant, remove the radiator from the vehicle.
- 15. Remove the outer fan extension shroud.
- 16. Remove radiator shroud (inner) lower bolts and remove radiator shroud.
- 17. To install, reverse Steps 1-16 above.
- 18. Add sufficient ethylene glycol coolant, meeting GM Specification 1899-M, to provide the required freezing and corrosion protection--at least a 50 percent solution (-20°F). Fill radiator to the base of radiator fill neck and add sufficient coolant to recover tank to raise level to the "FULL-COLD" mark. Reinstall recovery tank cap.
- 19. Run engine, with radiator cap removed, until normal operating temperature is reached. (Radiator upper hose becomes hot.)
- 20. With engine idling, add coolant until level reaches bottom of filler neck and install radiator cap making arrows on cap line up with overflow tube.

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