Carburetor Spacer Installation Procedure

1. Remove air cleaner and set aside.
2. Drain the cooling system at least halfway.
3. Disconnect the vacuum line from side of carburetor.
4. Disconnect the choke cable (if applicable).
5. Disconnect the fuel line from carburetor and move out of the way. Plug line to keep fuel from spilling.
6. Disconnect the throttle linkage from carburetor.
7. Remove the E-Clip from throttle linkage pivot shaft then pull throttle linkage off of the pivot shaft and let it hang down.
8. Remove the throttle linkage pivot shaft from the stock spacer and set aside for reuse.
9. Remove the pcv hose (if applicable) and remove hose barb from stock spacer and save for reuse.
10. Unbolt the carburetor and set aside.
11. If your car does not have the heated carburetor spacer move to step 14 otherwise unclamp and remove the rear heater hose being careful not to spill any coolant. Clamp or plug hose to prevent coolant spillage while working.
12. Unclamp, remove, and discard the front heater hose.
13. Unbolt and remove the spacer.
14. Remove the gasket and any residue from the intake manifold surface
15. Check the intake manifold mounting surface with a straightedge to make sure it is flat and no large gouges are present. If it is not flat use a stock carburetor gasket to make sure there are no leaks.
16. Install the throttle linkage pivot shaft that was removed from the stock carb spacer (see below).
17. Reinstall the PCV hose barb (if applicable) being careful to not overtighten as you can split the spacer. You will need to remove the pipe plug that was shipped in the spacer. The use of teflon tape is ok but not required as the phenolic material seals well on its own.
18. Install the spacer using the 5/16-18 Button Head Cap Screws provided. Make sure o-ring is properly installed in lower o-ring groove (o-ring should stay in place in groove on its own).
19. Check the carburetor base with straightedge to make sure mounting surface is flat. If it carb base is not flat then a stock carburetor gasket will need to be used to ensure that it will seal.
20. Reinstall the carburetor making sure the upper o-ring is in place then tighten the supplied mounting nuts.
21. Reinstall choke cable (if applicable), vacuum line, PCV hose (if applicable), and fuel line.
22. Install the supplied hose splice in the section of heater hose that fed the back of the original spacer using the supplied hose clamp.
23. Install a new section of hose between the splice and the coolant outlet on the left front of the engine. See figure 2 for recommended hose routing. If following the suggested hose routing a 2 foot piece of 5/8” heater hose will be required.
24. Refill the cooling system.
25. Start the engine and check for fuel and coolant leaks.

Spacer with Throttle Lever Pivot Shaft Installed

Suggested Heater Hose Routing