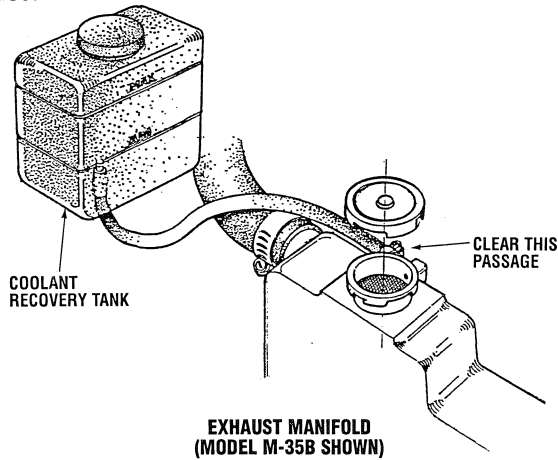


EXHAUST MANIFOLD SERVICE

EXHAUST MANIFOLD

The exhaust manifold, which was disassembled from the cylinder head, should be inspected before reassembly.

1. Remove the exhaust nipples, elbows and plugs from the manifold.
2. Examine all parts for defects, corrosion and wear, and replace as needed.
3. Flush out the manifold's interior with a liquid cleaner and rinse thoroughly with fresh water.
4. Use a pipe cleaner to clear the passage that connects the filler neck to the coolant recovery tank tubing.
5. Flush out the coolant recovery tank and its connecting tube.



ASSEMBLY

1. If the manifold was removed as an assembly and left intact, it can be replaced on the cylinder head in the reverse order of removal.
Do not reuse the gaskets; install new ones.
 - a. Loosely attach the manifold elbows to the cylinder head using new gaskets. Do not use any gasket sealant on these gaskets.
 - b. Gradually tighten each fitting to ensure proper alignment of all the parts. This should be done in three steps.
2. Reinstall the exhaust connections. Use new gaskets and check the exhaust elbow-to-manifold clamp's condition. Replace it if necessary.
3. Check the manifold pressure cap. Open the valve by pulling it, and make sure it closes when released. Make certain the upper and lower seals are in good condition. If any doubt, replace the cap.

