

110-8 Maintenance Program

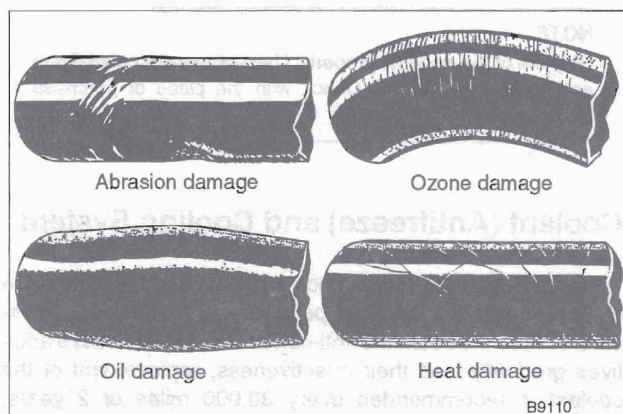


Fig. 5. Examples of damaged coolant hoses. Any of conditions shown is cause for replacement. Courtesy of Gates Rubber Inc.

To check the freezing point of the coolant, use a hydrometer. With the engine cold, remove the cap from the expansion tank and draw up some coolant with the hydrometer. Saab recommends using a 50/50 mixture of anti-freeze and water, which has a freezing point of -35°F (-38°C). If the freezing point is too high, drain a small amount of coolant from the system and add new anti-freeze until the proper protection level is obtained.

Drive Belts

Drive belts (or V-belts) and pulleys transfer power from the engine crankshaft to various accessories. Cars covered by this manual have four drive belts. The alternator and coolant pump are driven by two belts, side by side. See Fig. 6.

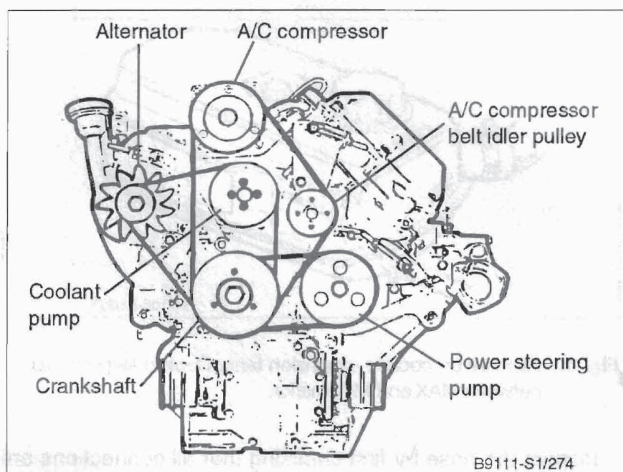


Fig. 6. Drive belt configuration.

Incorrect drive belt tension can decrease the life of the belt and the component it drives. Inspect belts with the engine off. Twist the belt to inspect its sidewalls and bottom. Belt structural damage, glazed or shiny sidewalls caused by a loose belt, or separation caused by oil contamination are all reasons to replace a belt. Some of these faults are illustrated in Fig. 7.

NOTE

Always replace both alternator belts as a matched set.

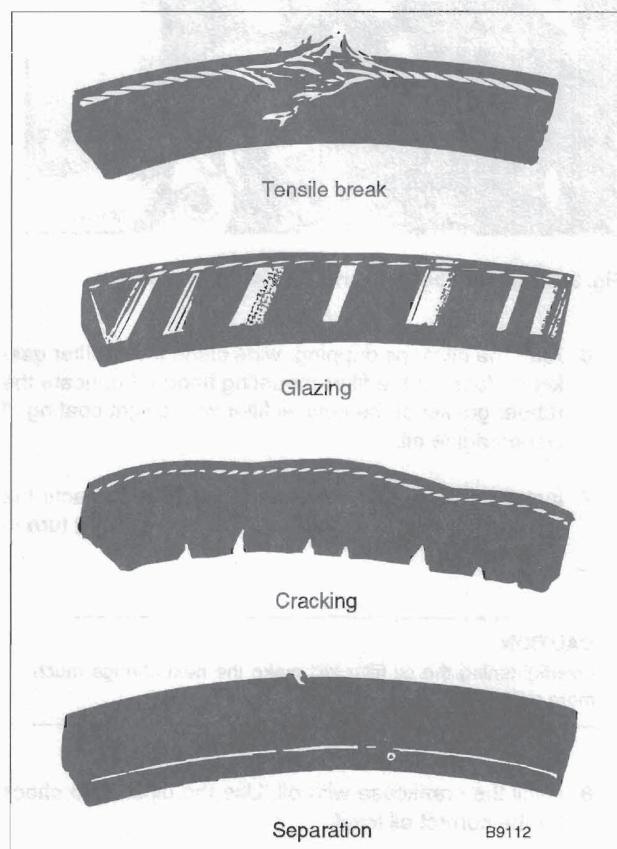


Fig. 7. Examples of belt failure. Courtesy of Gates Rubber Inc.

Drive belt squealing is normally caused by incorrect belt tension (too loose) or by a worn belt. Extremely loud squealing may only be corrected by replacing the belt. To accurately tension the drive belts, a special drive belt tensioning tool should be used. Correct belt tensions are listed in **Table c**.