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## Radiator Hose

## **Problem**

During the scheduled maintenance for replacing the timing belt and water pump, it will be required that the cooling system be drained. This requires the removal and refitting of the cooling system hoses. The brittle plastic quick connectors and joints can fracture which can cause the coolant to leak.

## Cause

High temperatures and prolonged exposure to fluids can cause the rubber of the coolant hose to become soft and expand which can lead to hose failure. The plastic connectors, in turn, become brittle and are susceptible to breaking due to engine vibration and the stresses of circulating coolant. The quick connectors can also fail when the hoses are removed during cooling system maintenance.

## **Solution**

febi recommends carrying out a thorough check of the cooling system hoses and plastic connectors for signs of damage when removing and installing a timing belt system and a water pump. Due to the location of the plastic connectors of this coolant hose in relation to the water pump, removal and installation is required during the replacement of the water pump which can lead to fracture damage occurring around the plastic connectors. It is recommended that this coolant hose be replaced as preventive maintenance.

For more technical information please visit: partsfinder.bilsteingroup.com