

Part # 80-203

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Traditional Expansion Tank Plumbing



In modern cars the radiator is lower than the engine, creating the requirement for a different fill point and a pressure relief. Expansion tanks are part of the pressurized part of the coolant system. They allow room for the coolant to expand when it is heated up. By pressurizing the coolant system the boiling point of the system is raised to prevent the coolant system from overheating. Once the system pressurizes above the coolant tanks cap pressure built up gas and extra coolant are expelled through the relief.

To prevent this extra coolant from being dicharged into the atmosphere a recovery tank can be used. This allows for proper discharge of air from the system without dispelling coolant onto the ground. It also ensures that the pressurized part of your coolant system is being used at max capacity.

Pressure Relief Vent Plumbing seperate expansion and recovery tanks

Traditional Recovery Tank Plumbing



Use of an expansion style tank is often paired with a recovery tank. Many sanctioning bodies require catch/recovery tanks to keep fluids off of the track. If using an expansion style tank as well you just need to plumb the lines from the pressure relief of the expansion to the recovery tank as shown in the diagram.

Turn Over -

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