Today's transmission is controlled by a multitude of sensors and controllers. Many transmission-related problems are caused by these non-transmission related components. Below is a list of the most common control components found on today's vehicles.

The problems they cause when they fail vary for each manufacturer. The problems listed below are the most common.

**NOTE**: The sensors and switches listed are the most common ones used on vehicles with computer-controlled transmissions. The problems created by malfunctions of these sensors vary with the manufacturer. Some auto manufactures use sensors not listed here. Many transmission-related problems are caused by anything more than a bad battery. Always make sure your battery is in good condition. Doing so can prevent a transmission related problem.

Your local ATRA member has the tools and expertise to diagnose your transmission — and the whole-car problems.