

The Allison Advantage

Your Allison Automatic is fully electronically controlled. The Allison electronic controls package oversees the operation of the transmission, controlling transmission upshifts and downshifts, and providing important information on the operation of your drive system.

Through readouts on your shift selector, you will be able to monitor transmission oil levels, read diagnostic codes and prognostic information. This brochure will help you understand shift selector readouts and enjoy long, trouble-free operation of your Allison Automatic.

General Information

FLUID LEVELS

The transmission fluid cools, lubricates and transmits hydraulic power, so it is important the proper fluid level be maintained at all times. If the fluid level is too low, the converter and clutches do not receive an adequate supply of fluids. If the fluid level is too high, the fluid can aerate causing the transmission to shift erratically or overheat.

DIAGNOSTICS

The Transmission Control Module (TCM) of your Allison Automatic monitors the transmission's electronic controls, and when a problem condition is detected, it:

- Restricts shifting
- Illuminates the **CHECK TRANS*** light on the instrument panel
- Registers a diagnostic code

Continued illumination of the **CHECK TRANS** light during vehicle operation (other than start-up) indicates that the TCM has signaled a diagnostic code.

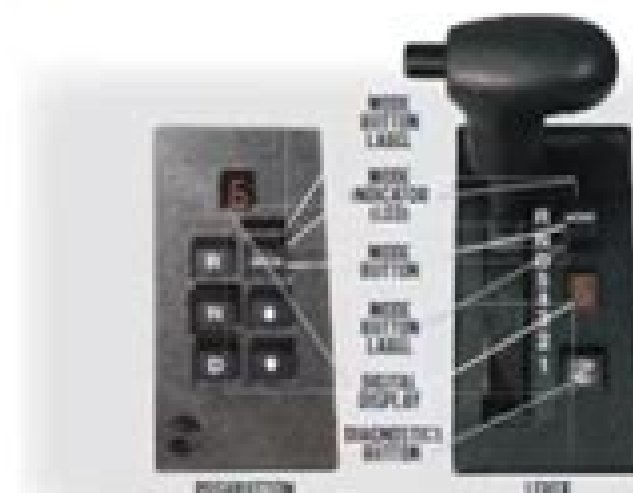
MODE BUTTON

Allison Automatics offer primary and secondary shift schedule modes to enhance performance or fuel economy. The vehicle always defaults to the primary mode (light off). You can switch to the secondary mode (light on) by pushing the **MODE** button.



* For some problems, diagnostic codes may be registered without the TCM activating the **CHECK TRANS** light. Your Allison Transmission authorized service outlet should be consulted whenever there is a transmission-related concern. They have the equipment to check for diagnostic codes and to correct problems.

WTEC III Electronic Controls Shift Selectors



Vehicle manufacturers may choose different types of shift selectors for their vehicles. The shift selector in your Allison-equipped vehicle will be similar to one of the pushbutton or lever styles as shown above.

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