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Coding Information

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Title: Allison Transmission with Auto Neutral Feature Won't Shift Back into Gear When the Parking Brake is Released

Applies To: All HPV models with Allison MD Transmission and Auto Neutral Feature 13AAZ and 13WUA

DESCRIPTION

When using Auto Neutral the driver must leave the shift selector in gear and bring the vehicle to a stop, then apply the parking brake. When Auto Neutral is activated and both vehicle speed and throttle position are near zero, the transmission will be commanded to neutral regardless of shift selector position. If the transmission is not left in the drive mode, the Auto Neutral feature will not operate. There are currently 3 sales code combinations for the above feature but only one 595 code in the ESC. **Please do not reprogram the ESC!** Both combinations of 13AAZ require Push Button Selector code 13WBL.

With 13AAZ & 13WUK AUTOMATIC NEUTRAL Allison WT Transmission shifts to neutral when parking brake is applied. The transmission will shift back into the previous range when the parking brake is released (if service brake is depressed). If vehicle has this code combination and does not return to gear when service brake is depressed and parking brake is released contact Tech Central for direction.

With 13AAZ & 13WUJ AUTOMATIC NEUTRAL Allison WT Transmission shifts to neutral when parking brake is applied. The transmission will shift back into the previous range when the parking brake is released (does not require service brake input).

With 13WUA & 13WUS AUTOMATIC NEUTRAL Allison WT Transmission shifts to neutral when parking brake is applied and remains in neutral when park brake is released. Shifting back into range occurs when the parking brake is released and **the range is re-selected**.

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