

PA53301H AOD Hold Valve Body

Operating Instructions

Once you have installed your new PA53301H AOD Hold Valve Body in your vehicle, it is time to make a test drive.

Park, Reverse, Neutral remain in their traditional positions.

Changes

Due to the re-programming of the factory AOD valve body for the Hold feature, putting the shifter in D will allow the transmission to shift 1st to 2nd **only**. The transmission **will not** shift into Drive in the Drive position. There is **no position** with the PA53301H valve body that prevents the transmission from shifting into Overdrive automatically.

Automatic Shifting the PA53301H

When in the Overdrive position, the vehicle will shift thru all gears, 1-2-Drive-Overdrive, as normal. Shift RPM and firmness will be determined by the amount of gas pedal pressure being applied. The harder you are on the gas pedal, the higher RPM's the transmission will shift. You will feel a much harder shift above ½ throttle.

Manual Shifting the PA5330H

Manual shifting the PA53301H is designed to be done at wide open throttle (WOT), foot to the floor.

Starting in 1st and applying WOT, shift at desired RPM (example: 5800 RPM) by moving the shifter from 1st to D position. This will be the 1-2 shift.

Still holding WOT, when the engine RPM's reach the shift point (example: 5800 RPM, again), moving the shifter from D to the Overdrive position will be the 2-3 shift (3rd being Drive). The transmission will remain in 3rd gear (Drive) as long as you remain at WOT. Lifting off the gas pedal partially or completely will shift the transmission automatically into Overdrive.

Shifting from D to Overdrive position at anything less than WOT will result in the transmission "stack shifting", which is going immediately from Drive to Overdrive.

Please contact Performance Automatic if you have any questions.