



TO: Dealer Sales & Service Team  
SUBJECT: IQS Quick Tip #16 – Dual Clutch Transmission (DCT)  
DATE: January 2023

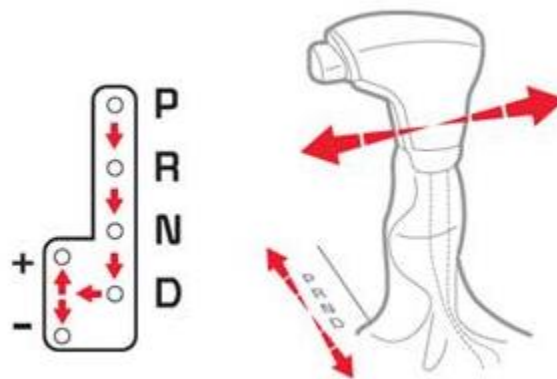
The Dual Clutch Transmission (DCT) is applied to:

- 2023 MY K5 & Sorento (2.5L-T/wet)
- 2023 MY Seltos and Forte (1.6L-T/dry)
- 2023 MY Niro Hybrid/Plug-in Hybrid (1.6L/dry)

**To enhance your understanding of how the DCT operates, please note the following:**

- The DCT is a manual transmission, with two (2) either wet or dry clutches (for odd & even gears), that is electronically shifted/controlled.
- The DCT combines the efficiency and driving feel of a manual transmission with the convenience of an automatic transmission.

Driving a DCT is as simple as putting the car into gear and going! Alternatively, you can manually select the gears by sliding the shifter to the left gate, and shift +/- to change gears manually or use the +/- paddle shifters (if equipped).




**Note: Illustration shown is Niro DCT shifter.**

**KEY REMINDERS:** Unlike a traditional automatic transmission, the DCT may operate as follows:

- When you first turn the vehicle ON and/or OFF, you may hear clicking sounds as the DCT system goes through self-testing.
- The DCT gear shifting can sometimes be felt and/or heard, as the actuators engage/disengage the clutches or gears.



- The DCT is a dual clutch system, and as a result, gear shifts are sometimes more noticeable and a light vibration when accelerating may be felt as the DCT speed is matched to the engine speed. This is especially true while traveling at low, stop-and-go speeds.
- When rapidly accelerating from a low vehicle speed, the engine RPM may increase depending on the vehicle's driving condition.
- To hold a DCT-equipped vehicle stationary on a hill or slope, you must use the foot brake, parking brake, or the 'Auto Hold' function (if equipped). If the vehicle is held stationary by applying the accelerator pedal on a hill or slope, the clutches may overheat, resulting in an overheat warning and potential damage to the clutches/DCT.
- Avoid aggressive launches on steep grades as this may result in an overheated clutch and transmission.
- If the clutch is overheating, an amber warning light  will be displayed in the instrument cluster. **Should this condition occur, pull over and place the vehicle in Park and idle the engine.**

All of the above conditions are normal for the DCT transmission operation.

For additional information on the DCT operation, please refer to the vehicle Owner's Manual.

*Dual Clutch Transmission (DCT) Driving Experience Video*

<https://www.youtube.com/embed/kKvrNJTI9Oo>

Sincerely,

**Ownership Experience Team**  
**Kia America**

For additional resources and other information related to potentially difficult to understand features, visit the IQS learning center within the Product Presentation Center.

<https://kiappc.com/kia-learning-center/kia-quality-center/tips-resources/>