

## Transfer Case Judder with Steering Input Applied

18-20MY F-PACE, XE, XF, Range Rover  
Velar**Customer Voice:**

- Customer concern will be a Judder/Vibration when a right or left steering input is applied at low speed.

**Technical Description:**

- Concern is caused by torque wind up in the rear axle, potentially resulting in 'skipping' of the rear inside wheel. This cyclic driveline wind-up/release is the root cause of reported 'judder / vibration' at low speed.

**Status:**

- Update the Anti-lock Brake System (ABS) and TCCM module software.
- This procedure requires TOPIx Cloud and alternatively minimum of Pathfinder build 366 loaded or later depending on vehicle.
- The issue is predominantly linked to older levels of ABS and TCCM software. TOPIx (Section 307-07 > Diagnosis and Testing > Transfer case) has been updated to reference the software update:

Refer to SSM 75681 / 75682

