



To: All Subaru Retailers
From: Subaru of America, Inc. - Service Technical- Field Quality Assurance
Date: August 21, 2026
Re: ***CVT Diagnostic Assistance Application – TR580 Support Now Available***

This announces the expansion of the CVT Diagnostic Assistance Application within TechShare starting August 21st, 2026 to include TR580.

CVT Diagnostic Assistance Application

Background:

Subaru of America (SOA) remains committed to providing retailers with the tools and resources necessary to deliver the highest levels of service quality and customer satisfaction.

As part of the continued development of the CVT Diagnostic Assistance Application within TechShare, SOA is pleased to announce that **diagnostic support has now been expanded to include the TR580 CVT**, in addition to TR690.

The addition of TR580 support expands the population of vehicles that can benefit from the application and provides technicians with additional support when diagnosing specific drivability concerns.

New TR580 Diagnostic Symptom Coverage

The CVT Diagnostic Assistance Application can now evaluate TR580 transmission data for the following conditions:

- **Chain Slip:** The application evaluates CVT operating data for fluctuations in the actual gear ratio that may indicate CVT chain slippage.
- **Shudder While Accelerating from a Stop:** The application reviews operating data related to body vibration or shudder during acceleration from a stop. This condition may be caused by internal valve body wear that creates fluctuations during lock-up operation.

CVT Diagnostic Assistance Application Vehicle Applicability

Vehicle	Applicable Model Year(s)	TR690	TR580
Ascent	2019MY–Present	✓	—
WRX	2022MY–Present	✓	—
Legacy/Outback	2020MY–Present	✓	✓
	2017MY–2019MY	—	✓
Impreza	2017MY–Present	—	✓
Crosstrek (Non-Hybrid)	2018MY–Present	—	✓
Forester (Non-Hybrid)	2019MY–Present	—	✓

Existing TR690 Support

The current TR690 diagnostic functionality remains available in the application. Adding TR580 support builds on the original design and further expands the application's value as a diagnostic resource for Subaru retailers. Applicability is determined automatically from the VIN session. If the CVT Assistance Application applies to the VIN being diagnosed, it will appear in that VIN session.

Supporting Documentation and Training

Retailers should continue to reference the applicable information available through STIS and TechShare, including:

- **16-154-25:** CVT Drivability Diagnosis Assistance Application User Guide
- **16-151-24R:** TR690 Chain Slip, Judder, Shudder & Hesitation Concerns
- **(NEW) 16-158-26:** TR580 Chain Slip Judder, Shudder & Hesitation Concerns

Technicians should always review the latest applicable Technical Service Bulletins and Service Manual procedures in STIS prior to performing diagnosis or repairs.

The CVT Diagnostic Assistance Application is available within TechShare and must be utilized as an additional diagnostic resource when evaluating supported TR580 and TR690 CVT concerns.