

SUBARU TR580/TR690 LINEARTRONIC

TCC SOLENOID AND VDC CODES

COMPLAINT: A Subaru with a Gen 1 TR690 or Gen 2 TR580 Lineartronic CVT has arrived in your shop with a variety of codes. The most frequent codes are for the lock up solenoid electrical circuit P2764 and P2770, most often these codes set when hot. There may be vehicle dynamic control (VDC) codes such as C0044 no communication with the TCM, C0045 TCM malfunction and C0057 ECM malfunction. These codes are listed in the VDC system or under the ABS system depending on model and year.

CAUSE: A shorted or open TCC duty solenoid. See figure 1 for Gen 1 TCC solenoid location and figure 2 for Gen 2 TCC solenoid location.

CORRECTION: Replace the Lock up solenoid. The TCC solenoid is not available separately from Subaru. There are after market replacements available. Transmission Parts Now in Oregon is a reliable source for the TCC solenoids.

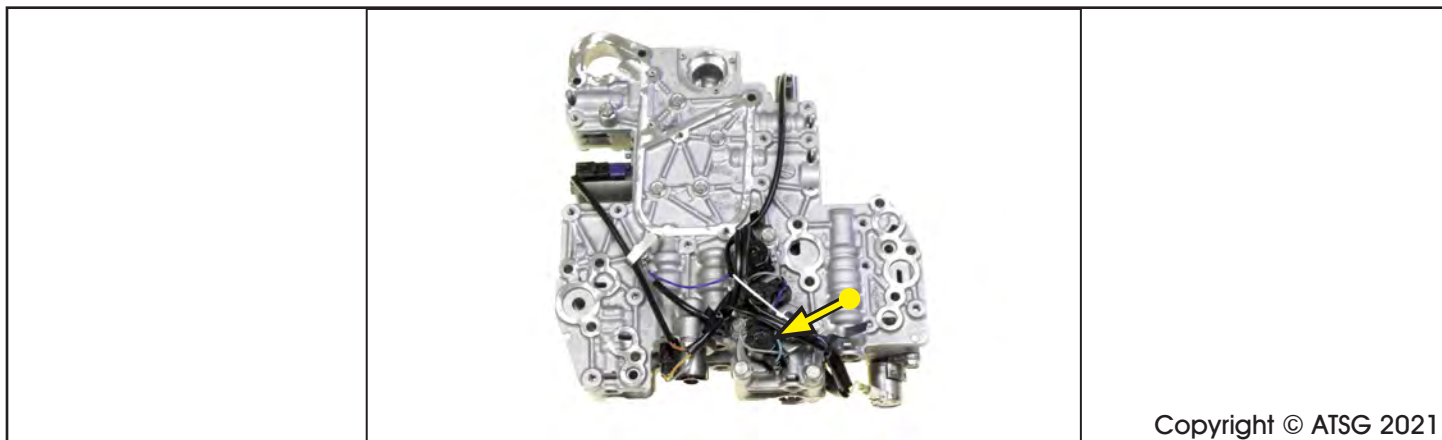


Figure 1

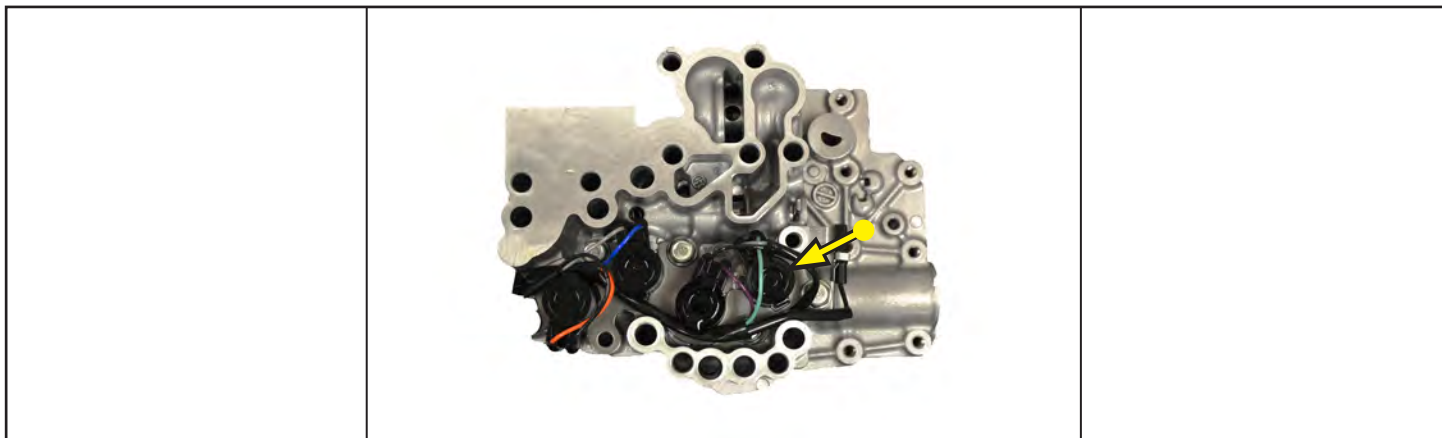


Figure 2