

Subject

**Abnormal 1-2 and/or 2-3 Shift after Transaxle Replacement or Engine Repair**

Market

USA

Service Category

Drivetrain

Section

Automatic Transmission/Transaxle

Applicability

2001-2003 Highlander & 2002-2003 Camry

**APPLICABLE VEHICLES**

2001-2003	Highlander	1MZ-FE V6 w/4 Speed ATM
2002-2003	Camry	1MZ-FE V6 w/4 Speed ATM

**CONDITION**

- Customer states the transaxle is not shifting correctly after transaxle/engine repair.
- The 1-2 and/or 2-3 shifts are slipping or shuddering.

**RECOMMENDATIONS**

- Confirm the ground cable is correctly fastened to the rear side of the intake air surge tank assembly as shown below.
  - The suspect ground cable is referred to as “EC” in the Highlander Electrical Wiring Diagram (EWD) and as “EE” in the Camry EWD.
- If the ground cable was incorrectly fastened to the valve cover or left loose, these shifting concerns will occur.

