

TOYOTA A140E EARLY STACKED SHIFTS

COMPLAINT: Early stacked shifts at moderate to heavy throttle only, and normal operation at light throttle. The vehicle shifts properly with the cable disconnected.

CAUSE: Shifts solenoids may be partially restricted.

CORRECTION: USE THE FOLLOWING TEST PROCEDURE:

1. Raise the wheels off the ground, and run the vehicle with the shift lever in 2nd C'2"), with the engine at 1200 RPM. Both shift solenoids will be energized (OPEN).

2. Then pull the cable all the way to maximum pressure.

3. If the transmission then shifts to 1st gear, the number 2 shift solenoid is restricted.

4. If the transmission then shifts to 2nd gear, the number 1 shift solenoid is restricted

5. If the transmission then shifts to 4th gear, both shift solenoids are restricted

NOTE: The number 1 solenoid wire is white, and the number 2 solenoid wire is black. Replace defective solenoid/solenoids.

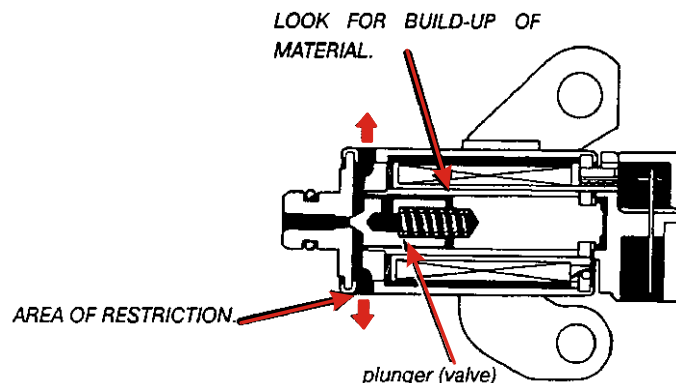


Figure 1

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