

ANSWER KEY TO CHALLENGE SHEET

LOCKUP CONVERTER CHALLENGE

Customer's Concern: My truck shudders when I'm driving at 45-50 mph. This only occurs when I lightly press on the accelerator. When I drive above or below 45-50 mph, I have a smooth ride.

Customer Vehicle: Dodge Dakota.

Possible Causes of This Challenge:

1. Friction area of lock-up torque converter delaminated or burned.
2. Out-of-balance condition in drive shaft.
3. Lock-up solenoid shorted or leaking internally.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Follow all safety rules when using hand tools.

Tools and Equipment Required:

1. Hand tools.
2. Transmission oil pressure gauge.
3. Digital multimeter.
4. Vehicle service information.