

ANSWER KEY TO CHALLENGE SHEET

CONTROL SYSTEMS CHALLENGE

Customer's Concern: My transmission upshifts harshly. Occasionally, it will not shift into overdrive.

Customer Vehicle: Dodge 2500 Pickup.

Possible Causes of This Challenge:

1. Low or aerated fluid.
2. Throttle linkage misadjusted.
3. Hydraulic pressure loss due to leaking seals.
4. Electronic malfunctions of sensors or wiring.

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. Scan tool.
3. Transmission pressure gauge.
4. Vehicle service information.