

ANSWER KEY TO CHALLENGE SHEET

STEERING SYSTEMS CHALLENGE 2

Customer's Concern: It steers like a truck. When I try to back out of the driveway or out of a parking place I have to use all of my muscles just to turn the steering wheel.

Customer Vehicle: Hyundai Santa Fe.

Possible Causes of This Challenge:

1. Low fluid level (due to external leaks) or insufficient hydraulic pressure from P/S pump.
2. Worn internal rings or seals causing pressure leakage.
3. Incorrect pinion torque or preload adjustment.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Connect exhaust system to a vent hose in a closed shop.
3. Place vehicle in Park or Neutral and set parking brake.
4. Watch out for moving or hot parts.
5. Use proper procedure for using a lift or jack and jack stand.

Tools and Equipment Required:

1. Vehicle service information.
2. Hand tools.
3. Power steering pressure gauge and adapters.