

STEERING SYSTEMS CHALLENGE 2

NATEF Standard(s) for Suspension & Steering:

B5 Diagnose power steering gear (rack and pinion) binding, uneven turning effort, looseness, hard steering, and fluid leakage concerns; determine necessary action.

Directions: Read the challenge below and then list (1) Possible Causes, (2) Safety First Practices, and (3) Tools and Equipment Required if a technician were to perform a Quick ✓ Check.

CUSTOMER'S CONCERN

My vehicle steers like a truck. When I try to back out of my driveway or out of a parking place I have to use all my muscles just to turn the steering wheel.

Customer Vehicle: Hyundai Santa Fe.

Possible Causes of This Challenge:

1. _____
2. _____
3. _____
4. _____
5. _____

Safety First Practices to Follow to Quick ✓ Check This Challenge:

1. _____
2. _____
3. _____
4. _____

Tools and Equipment Required to Quick ✓ Check This Challenge:

1. _____
2. _____
3. _____
4. _____
5. _____