BTC Automotive Technology

Job Sheet: SS1 – Steering system diagnosis

Objective: To familiarize student with the diagnosis of a typical steering system failure.

Procedure: Document vehicle. List a complaint associated with the vehicle if applicable. Record procedures as described below. Repair quality must be at industry standard.

Vehicle: ________________________________________________________________

Complaint: _____________________________________________________________

- Identify steering gear type:
  1. Rack and pinion or recirculating ball gear? _______________________
  2. Power assist? _____________

- Inspect power steering fluid level and condition and record. _________________

- Inspect condition of PS belt and record. _________________________________

- Inspect steering gear, pump and lines for any leaks and record any problems below.
  ___________________________________________________________________

- Diagnose steering system failure such as binding, uneven turning effort, looseness, hard steering and record root cause below.
  ___________________________________________________________________
  ___________________________________________________________________

Related NATEF tasks: IV.A.4 IV.A.5 IV.A.14