BTC Automotive Technology

Job Sheet: BR4 – Disc brake repair

Objective: To familiarize student with a typical complete disc brake job.

Procedure: Document vehicle and complaint. Student must be time efficient in all activities and must not exceed 2 times flat rate. Repair quality must be at industry standard.

Repair order must be attached.

Vehicle: __________________________________________________________

Complaint: _________________________________________________________

- Remove brake caliper and pad assemblies.
- Inspect caliper for damage to housing, mountings and slides and record any problems.

- Inspect pads and retaining hardware for wear and damage and record any problems.

- Inspect brake hoses and lines for wear or damage and record any problems.

- Record pad wear in percentage remaining. __________%

- Measure rotor thickness, parallelism and runout and record the following information.

  Minimum thickness spec. __________
  Left rotor thickness. __________   Right rotor thickness. __________
  Left rotor runout. __________    Right rotor runout. __________
  Left rotor parallelism. __________    Right rotor parallelism. __________

- Can rotors be refinished? __________

Related NATEF tasks: V.A.5 V.A.7 V.C.1 V.C.2 V.C.3 V.C.4 V.C.6 V.C.7 V.C.8 V.C.9 V.C.10 V.C.11 V.E.2 V.E.7

DiscbrakeBR4.doc
☐ Refinish rotors if possible.

☐ Clean, inspect and repack non-drive wheel bearings and replace grease seals and cotter pins. (if required)

☐ Lubricate and reinstall calipers, pads, related hardware and rotors.

☐ Seat pads as per manufacture’s recommendations.

☐ Inspect and top off brake fluid in master cylinder reservoir.

☐ Inspect operation of brake lights.

Related NATEF tasks: V.A.5  V.A.7  V.C.1  V.C.2  V.C.3  V.C.4  V.C.6  V.C.7  V.C.8  V.C.9  V.C.10  V.C.11  V.E.2  V.E.7