BTC Automotive Technology

Job Sheet: SSA – Rear suspension diagnosis/repair

Objective: To familiarize student with the procedure of disassembling and repairing a typical rear axle suspension system.

Procedure: Document vehicle. List a complaint associated with the vehicle if applicable. Record procedures as described below. 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: ____________________________________________

☐ Is rear axle a dead or live design? _________________

☐ Is rear axle independent or solid? ________________

☐ Disassemble rear suspension and inspect the following components based on suspension type.

1. MacPherson strut: Remove and inspect cartridge and assembly, strut, coil spring and insulators for wear or damage and record below.

2. Coil spring: Remove and inspect coil springs and mounts, transverse links, control arms and bushings for wear or damage and record below.

3. Leaf spring: Remove and inspect leaf springs and insulators, shackles, brackets, bushings and mounts for wear or damage and record below.