BTC Automotive Technology

Job Sheet: BR2 – Hydraulic system diagnosis and repair

Objective: To familiarize student with the diagnosis of a failed hydraulic system.

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

Vehicle: ____________________________________________________________

Complaint: _________________________________________________________

☐ Inspect brake lines and hoses for failures and record if any found. Repair if required.

____________________________________________________________________________

☐ List diagnostic methods used to find fault.

____________________________________________________________________________

☐ List the repairs required to restore hydraulic system operation.

____________________________________________________________________________

☐ List the function of the following valves on this vehicle:

   Proportioning valve:_________________________________________________

   Metering valve:_____________________________________________________

   Pressure differential valve:____________________________________________

   Residual pressure valve:_____________________________________________