BTC Automotive Technology

Job Sheet: AT2 – TCC Diagnosis

Objective: To familiarize student with the diagnosis and testing of a typical torque converter locking clutch circuit.

Procedure: Document vehicle. List complaint if applicable. Record procedures as described below. Student must be time efficient in all activities. Repair quality must be at industry standard.

Vehicle: _____________________________________________________________

Complaint: __________________________________________________________

☐ Obtain and attach wiring schematic for the TCC circuit on this vehicle.

☐ List the required input parameters to engage the torque converter clutch on this vehicle.

☐ Diagnose failure if appl. and record summary of diagnosis methods used and of failed component.

☐ Road test vehicle to confirm TCC engagement.
  - Record TCC engagement time in MPH with light throttle. ______________
  - Record TCC engagement time in MPH with normal throttle. ___________

☐ List a possible customer complaint associated with a TCC that does not engage.

☐ List a possible customer complaint associated with a TCC that stays engage.