utomatic Transmissions and Transaxles 7th Edition Chapter 13	
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HORT ANSWER. Write the word or phrase that best completes each statement or answers the question.	
1) How is the automatic transmission fluid level checked on an automatic transmission/transaxles that do have a dipstick?	es not
2) What is the difference between a factory scan tool and an aftermarket scan tool?	
3) How are pressure gauges attached to an automatic transmission/transaxle?	
4) What is the diagnostic procedure that most vehicle manufactures suggest be followed when diagnosing automatic transmission/transaxle customer concern?	an
5) What does a high CVI indicate on a scan tool display?	

## Answer Key

Testname: ATT7\_SHORT13

- 1) To check transmission fluid level on a vehicle without a dipstick, perform the following steps: STEP 1 Check service information for the correct checking procedure.
  - STEP 2 Check the transmission temperature using a scan tool.
  - STEP 3 Locate and carefully remove the fluid level plug.
  - STEP 4 If fluid drips or seeps from the hole, the level is correct.

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2) Factory scan tools are the scan tools required by all dealers that sell and service a specific brand of vehicle. Aftermarket scan tools are designed to function on more than one brand of vehicle.

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- 3) Locate the pressure ports, remove the plugs, and connect the gauge(s) to the ports. Note that most domestic transmission ports use female, 1/8-inch National Pipe Threads (NPT). Always double-check that the fitting has the same threads as the transmission port by turning the adapter inward several turns using hand force only.

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- 4) When diagnosing automatic transmission concerns, perform the following steps:
  - STEP 1 The first step is to verify the customer complaint.
  - STEP 2 Check the fluid level and condition.
  - STEP 3Check for stored diagnostic trouble codes (DTCs).
  - STEP 4 Check for any related technical service bulletins (TSBs).
  - STEP 5 Check scan tool data including checking the adaptive values.
  - STEP 6 Visual inspections.
  - STEP 7 Locate the root cause of the problem.
  - STEP 8 Replace all components that do not meet factory specifications.
  - STEP 9 Preform an adaptive relearn and drive the vehicle to verify that the repairs corrected the customer concern.

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5) A high CVI usually indicates a clutch with excessive slippage.

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