

Transit Connect 1.6L	198 PIN	E53 E46	SIGRTN CHT2
All other vehicles	190-PIN	E39 E49	CHT SIGRTN

PINPOINT TEST DL: CYLINDER HEAD TEMPERATURE (CHT) SENSOR > TEST PROCEDURE

DL1 CHECK FOR DTCS

Are DTCs P0116, P0119, P0125, P0128, P017C, P017D, P017E, P101F, P1021, P1022, P1023, P1024, P1025, P1026, P1285, P1288, P1289, P128A, or P1290 present?

Yes	No
GO to DL2	For temperature warning indicator lamp or gauge (applications with CHT sensor only) symptom, GO to DL12. For all others, RETURN to SYMPTOM CHARTS for further direction.

DL2 CHECK THE COOLING SYSTEM

 **WARNING:** TO AVOID PERSONAL INJURY DO NOT UNSCREW THE COOLANT PRESSURE RELIEF CAP WHILE THE ENGINE IS OPERATING OR HOT. THE COOLING SYSTEM IS UNDER PRESSURE. STEAM AND HOT LIQUID CAN COME OUT FORCEFULLY WHEN THE CAP IS LOOSENED SLIGHTLY. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.

 **NOTE:** DTC P0125 or P0128 indicates the engine coolant temperature has not achieved the required engine operation temperature level, since start-up within a specified amount of time.

Check the cooling system for:

- correct coolant level
- internal or external coolant leaks
- blockage of the radiator
- cooling fan operation

Is the cooling system OK?

Yes	No
For DTCs P0125 or P0128,	REFER to the service information , Engine Cooling to