

AB: Symptom Chart 2[← AB: Introduction](#)**AB1 PRELIMINARY CHECKS**

- Perform the following preliminary checks:
 - Engine oil level/quality
 - Electrical connections
 - Automatic transmission TCC
 - ATF level
 - Engine overheating

Are all checks OK?

Yes	No
GO to AB2 .	REPAIR as required. VERIFY a symptom no longer exists.

AB2 CHECK FOR COLD WEATHER STALL**Does engine restart after a stall?**

Yes	No
Oil return to oil pan may be too slow. CONFIRM proper grade of oil for frigid conditions. CHANGE oil, if necessary.	GO to AB3 .

AB3 CHECK FOR PCM RESET

- If a PCM reset occurs, the following conditions will be present:
 - Engine will momentarily stumble.
 - PCM will go through a normal key on cycle.
 - Glow plug lamp and glow plugs will be turned on.
 - Accelerator pedal position validation will be attempted.
 - Pedal authority will not be allowed by the PCM until the accelerator pedal is released and the engine returns to idle.

Is a fault indicated?

Yes	No
GO to Pinpoint Test ME .	GO to AB4 .

AB4 CHECK PERFORMANCE DIAGNOSTICS

- GO to [Section 4A](#) or [Section 4B](#) , Diagnostic Subroutines. Perform Performance Diagnostic Procedures.

Is a fault indicated?

Yes	No
FOLLOW Performance Diagnostic Procedures direction.	GO to the Workshop Manual to perform automatic transmission diagnosis.
