

11-2 TROUBLESHOOTING

Condition

Section/Item Number

The following troubleshooting charts are divided into 7 sections covering engine, drive train, brakes, wheels/tires/steering/suspension, electrical accessories, instruments and gauges, and climate control. The first portion (or index) consists of a list of symptoms, along with section and item numbers. After selecting the appropriate condition, refer to the corresponding diagnostic procedure in the second portion's specified location.

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SECTION 1. ENGINE

A. Engine Starting Problems

Gasoline Engines

Engine turns over, but will not start	1-A, 1
Engine does not turn over when attempting to start	1-A, 2
Engine stalls immediately when started	1-A, 3
Starter motor spins, but does not engage	1-A, 4
Engine is difficult to start when cold	1-A, 5
Engine is difficult to start when hot	1-A, 6

Diesel Engines

Engine turns over but won't start	1-A, 1
Engine does not turn over when attempting to start	1-A, 2
Engine stalls after starting	1-A, 3
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Engine is difficult to start	1-A, 5

B. Engine Running Conditions

Gasoline Engines

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Diesel Engines

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C. Engine Noises, Odors and Vibrations

Engine makes a knocking or pinging noise when accelerating	1-C, 1
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