



PRODUCT SERVICE INFORMATION

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COLD WEATHER STARTING TIPS

APPLIED VEHICLE(S): All models

SERVICE INFORMATION

During cold weather we suggest the following procedure to make starting a vehicle easier. This method is an expansion of the procedure outlined in the owner's manual and should be used when the ambient temperature is around or below 32°F (0°C).

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1. Depress the accelerator pedal approximately 1/3 of the way to the floor.
2. Hold the accelerator pedal in this position while cranking the engine.
3. Once the engine has started release the accelerator pedal. (Do not race the engine while warming it up.)
4. If the engine does not start within 15 seconds, wait at least 10 seconds before cranking the engine, again repeating steps 1 through 3.

Once a vehicle is started, in cold weather conditions, the engine should be run for a minimum of two to three minutes before shutting it off. Starting and stopping of the engine over a short period of time may make the vehicle more difficult to restart. This type of usage may also adversely affect a vehicle's fuel economy.

Another factor which may affect a vehicles "startability" is the viscosity or thickness of the oil that is used. An API SG quality, SAE 5W-30 is the preferred engine oil, all year-round for most models. In colder weather, oil that is rated as 5W-30 will not thicken as much as a 10W-30 rated oil; this makes it easier to start the engine and maintain a stable idle during warmup.

Please communicate these cold weather starting tips to your customers.

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