

Battery, Mounting and Cables -

Battery Specification

WARNINGS:



Batteries produce explosive gases which may cause personal injury. Do not expose the battery to a naked flame. When charging or working near a battery wear protective clothing and eye protectors. Always provide adequate ventilation. Failure to follow these instructions may result in personal injury.



Batteries contain sulphuric acid, avoid contact with skin, eyes and clothing. Shield your eyes when working near the battery to protect against possible contact of the acid solution. In case of contact with the skin or eyes, flush immediately for a minimum of 15 minutes and seek prompt medical attention. If swallowed call a physician immediately. Failure to follow these instructions may result in personal injury.



CAUTION: Make sure all electrical systems are off before connecting the battery ground cable. Failure to follow these instructions may result in damage to the electrical system.

Engine Specification	Battery	
	Battery type	Battery Information
		Specification
All	Varta T8	90 Ah

Battery Cold Cranking Specification

Item	Specification
90 Ah Battery Cold Cranking	800 Amps

Battery Disconnect/Connect Procedures



WARNING: The backup power supply energy must be depleted before any supplementary restraint system repairs are carried out. To deplete the backup supply energy, first disconnect the battery ground cable, then disconnect the battery positive cable and wait ten minutes to avoid accidental deployment and personal injury. Failure to follow this instruction may result in personal injury.



CAUTION: Disconnecting the battery cables will cause all of the electronic control modules to lose all stored data/fault codes.

NOTE: Following reconnecting of the battery, the engine should be allowed to idle as the stored idle and drive values contained within the engine control module (ECM) will have been lost. This may cause driveability concern if the following procedure is not carried out.

Battery disconnect procedure	Battery connect procedure
1. If possible, apply parking brake or alternatively, chock wheels.	1. Connect the battery cables and tighten to 5 Nm. Ground cable must be connected last
2. If required, record any customer audio and climate control settings. This also applies to all electronic control module stored information.	2. Install the battery cover and close the luggage compartment lid.
3. Switch off ignition.	3. Start the engine and allow to idle until the engine reaches normal operating temperature.
4. Open the luggage compartment lid.	4. Switch the engine off.
5. Release the cover and disconnect the battery ground cable.	5. Restart the engine and allow to idle for approximately two minutes (this will allow the ECM to learn the idle values).
6. If required, disconnect the battery positive cable.	6. Apply and hold the brake pedal, select drive and allow the engine to idle for a further two minutes.
	7. Drive the vehicle for approximately five miles/eight kilometers of varied driving to enable the ECM to complete its learning strategy.
	8. Reset the audio unit and climate control assembly to original customer settings.
	9. Reset the door window motors. For additional information, refer to: Door Window Motor Initialization (501-11 Glass, Frames and Mechanisms, General Procedures).