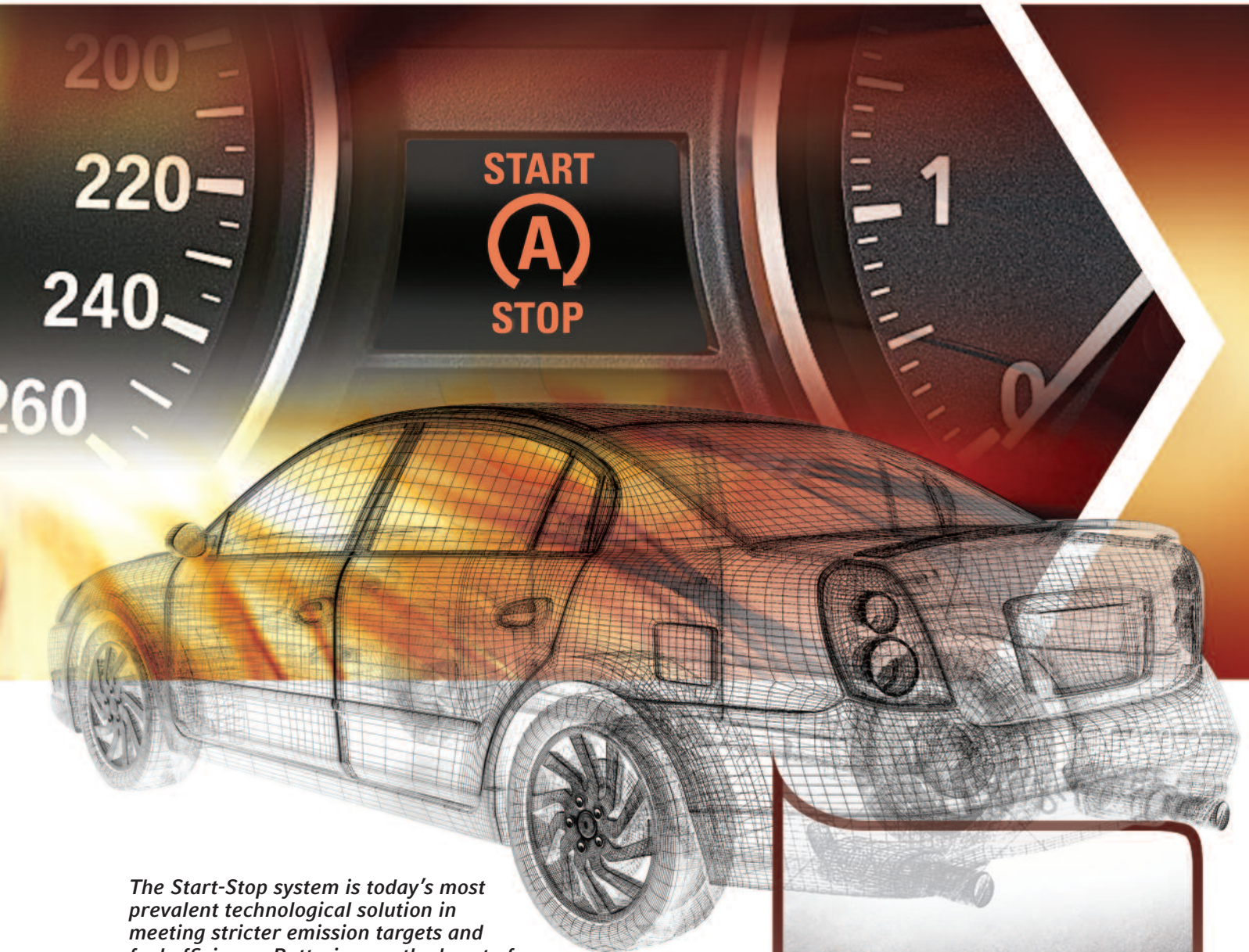


Auxiliary Batteries for Start-Stop and Other Systems

Intense Cycling Durability for High Frequency Use

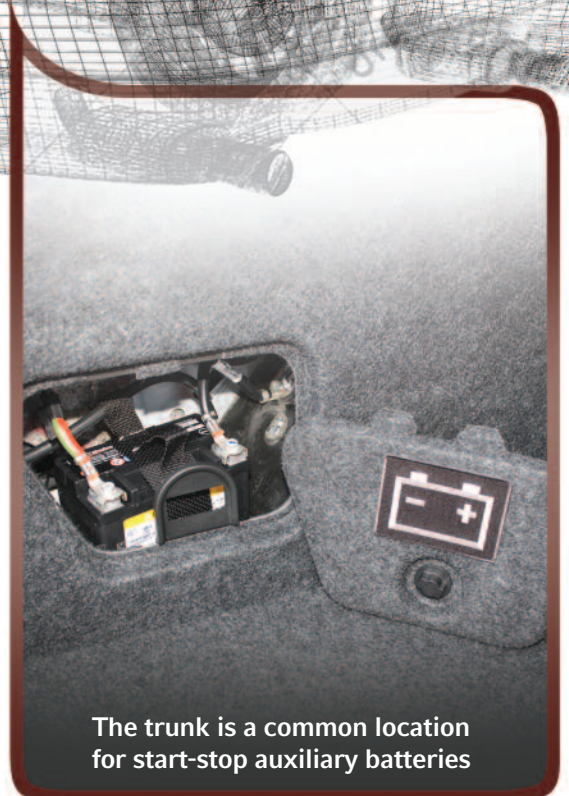


The Start-Stop system is today's most prevalent technological solution in meeting stricter emission targets and fuel efficiency. Batteries are the heart of these systems. Conventional batteries aren't designed to handle the intense cycling demands of this type of high frequency starting.

East Penn's AUX AGM batteries for Start-Stop systems are built with the cycling reinforcement, rapid energy absorption, and life-extending vibration resistance critical for high frequency battery use.

Premium AUX AGM technological innovation optimizes valve-regulation and recombination efficiency through an individual cell venting system. This ensures unquestionable reliability while maximizing cycling performance.

A durable, reinforced case, cover, and terminal design further protect the battery's critical performance in almost any location of the vehicle.



The trunk is a common location for start-stop auxiliary batteries

SPECIAL FEATURES

Premium AGM Technology

Superior glass mat electrolyte retention and protection against vibration maximizes long-term capacity.

Individual Cell Venting System

Optimized valve-regulation and internal moisture creation process extends battery performance at maximum efficiency.

Exclusive Molded Terminal Design

Ensures best electrical connection and the spillproof durability critical for the variability of installation locations required.



Reinforced Poly Composite Case and Cover

Resists heat and damage while enhancing internal compression to extend life.

Power-Perform[®], Full-Frame Plates

Combine a highly efficient current network with high-energy storage to optimize power performance.

FAQ

Q. Where are auxiliary batteries located?

A. The location of auxiliary batteries varies. This is not your standard under-the-hood installation. Automotive manufacturers continue to find new locations to fit these batteries as their use progresses. Some places these batteries are found: Under the seat – The front bumper – In the trunk.

Q. Do vehicles that have Start-Stop capabilities have an AUX battery?

A. While many do use the same size battery found within the auxiliary battery line, some vehicles use a traditional sized automotive battery to start the engine and provide auxiliary power. It is always important to reference the specific manufacturing instructions to assess each vehicle's battery size and power needs.

Q. How are auxiliary batteries used in the vehicle?

A. These auxiliary batteries are being integrated as an essential part of complex electrical systems and can serve multiple functions. It is extremely important to follow all individual manufacturer's instructions for each vehicle when installing these batteries. Some of the functions these batteries serve are:

- Start-stop functions in micro hybrids
- Starting assist
- Powering cabin accessories
- Drive-by-wire power backup
- Brake-by-wire power backup
- Other smart controls or enhanced functions

APPLICATIONS

MAKE	MODEL	YEAR	GROUP NO.
Chevrolet	Malibu	2015-14	AUX12
Chevrolet	Impala	2015	AUX12
Mercedes-Benz	E300	2009-08	AUX14
Mercedes-Benz	E320	2009-05	AUX14
Mercedes-Benz	E350	2013-06	AUX14
Mercedes-Benz	E500 E55 AMG	2006	AUX14
Mercedes-Benz	E550	2011-07	AUX14
Mercedes-Benz	E63 AMG	2013-07	AUX14
Mercedes-Benz	S450	2011-10	AUX14
Mercedes-Benz	S550 S600 S63 AMG S65 AMG	2013-10	AUX14
Mercedes-Benz	SL550	2013	AUX14
BMW	i3	2015-14	AUX18L

SPECIFICATIONS

12-VOLT AGM AUTOMOTIVE AUXILIARY

GROUP NO.	CCA	20 HR CAP	WEIGHT (LBS.)	LENGTH		WIDTH		HEIGHT	
AUX12	180	10	9.5	5 7/8"	150mm	3 7/8"	88mm	5 1/8"	130mm
AUX14	200	12	11.2	5 7/8"	150mm	3 7/8"	88mm	5 3/4"	145mm
AUX18L	300	20	18	8 1/8"	206mm	3 3/8"	91mm	6 3/8"	163mm



www.dekabatteries.com



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