

Exide Training Graphic Assets

Module 07 | Battery Testing, Charging & Installation

Edition 2
Revised 05.2021

Introduction

Module 07 | Battery Testing, Charging & Installation

Exide Lead-Acid Batteries Training Modules

- Module 01 | Lead-Acid Battery Basics
- Module 02 | Battery Evolution and the Environment
- Module 03 | (LV) Light Vehicle Batteries
- Module 04 | (CV) Commercial Vehicle Batteries
- Module 05 | (MC) Motorcycle Batteries
- Module 06 | (ML) Marine Leisure Batteries
- Module 07 | Battery Testing and Installation
- Module 08 | Battery Handling, Storage and Recycling
- Module 09 | Battery Aftermarket

Important Notes regarding Exide Training Graphic Assets

The text, graphics and images within this PowerPoint presentation are either the copyright of Exide Technologies or included within the presentation under a Royalty-Free licence obtained by Exide Technologies or its agencies.

This presentation was created for use by Exide's customers, employees and agents only, with the aim of expanding knowledge of Lead-Acid Battery technology. Schools, colleges and universities (excluding for-profit training organisations) may also use the presentation for educational purposes.

Slides can be separated, page order re-arranged or incorporated within other training presentations providing the 'Exide Technologies Logo with strapline' and '© Exide Technologies copyright notice' remain in the same size and positions on each slide.

Contact Exide Technologies for written permission to use any of this material beyond that described above.

Trademarks

Exide®, Tudor®, Fulmen®, Centra®, Deta®, Sonnak®, Sonnenschein®, Carbon Boost® and HVR® are all trading titles and trademarks owned by Exide Technologies.

Battery workshop tools

Module 07 | Battery Testing, Charging & Installation

Test

Exide EBT-965P
Electronic
Tester



Optional FREE Web App to help workshops choose and sell the right battery in under 5 minutes

Start-Stop
or conventional
battery



Old Battery

Replace
Battery

Charge

Exide 12/7
Battery
Charger



Use with standard, AGM, EFB or GEL batteries.



Find

Exide Online
Battery Finder
and App

Exide AGM/EFB
or conventional
battery



Reset tool for
Start-Stop
vehicles



Install

Exide BRT-12
Battery
Replacement
Tool

Exide EBT-965P Electronic Tester

Module 07 | Battery Testing, Charging & Installation

- Next generation battery tester essential for latest Start-Stop vehicles
- Conductance Profiling Technology
- WiFi connectivity
- Free Web App to share test results and improve battery replacement efficiency



Compatible with...

Standard

AGM

EFB

GEL

Exide EBT-965P Electronic Tester – Conductance Profiling™

Module 07 | Battery Testing, Charging & Installation

Standard
Tester

Conductance
only

10-second static test measures the battery's internal resistance, determining the health of its active material and connections.



The result:

Estimates the battery's cranking capability (CCA).



EBT-965P
Tester

Conductance
Profiling™

Measures the voltage drops under a small discharge load for 1 minute. The response is compared with profiles of batteries with energy availability issues, to diagnose if the battery can supply electrical charge for a long time.



The results:

Estimates the battery's cranking capability (CCA).

...plus energy availability for high electrical equipment levels and multiple engine Start-Stop during urban driving.



Exide Battery Tester Programme

Module 07 | Battery Testing, Charging & Installation

- **Free Web App for use with any (Apple/Android) mobile device or PC**
- **13 European languages**
- **Import test results from any tester**
- **Send results to customer by SMS or email with cost for battery replacement if required**
- **Professional image for workshop and generates extra battery sales**

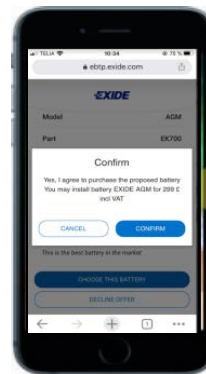
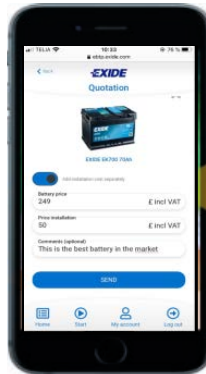
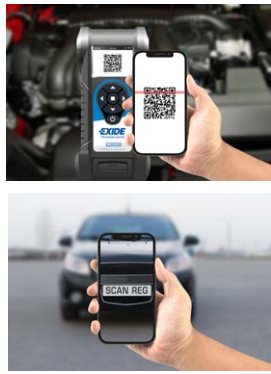


Exide Battery Tester Programme

Module 07 | Battery Testing, Charging & Installation



All in few minutes process...



Exide Battery Tester Programme

Module 07 | Battery Testing, Charging & Installation

The Web App uses the camera built-in to your mobile device to...



Scan in test results
via QR code



Scan car registration
for new battery selection

Exide battery chargers

Module 07 | Battery Testing, Charging & Installation

Workshop

A range of chargers for heavy duty workshop use



Portable

Flexible workshop use and opportunities for retail sale to end-users especially owners of:

- Motorhomes
- Caravans
- Boats
- Bikes
- Quads
- Jetskis
- Snow mobiles

Compatible with...



Specialist

Designed for the latest battery technology such as Li-Ion



Charging Tips

Module 07 | Battery Testing, Charging & Installation

- **Batteries should be charged off-vehicle if the voltage drops below 12.5 volts (or 6.2 volts for 6V batteries)**
- **Use the specially developed Exide charger for best results**
- **Avoid fire or flame and ensure good ventilation during and after charging**
- **Allow the battery to rest for at least 12 hours after charging**



Exide Battery Finder

Module 07 | Battery Testing, Charging & Installation

Website Battery Finder

www.exidegroup.com/eu/en/battery-finder

Search by...

License Plate Number

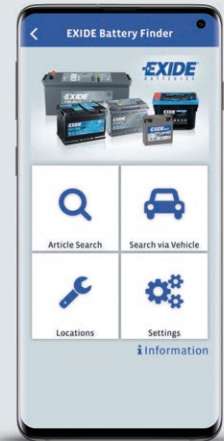
VIN Number

Battery Part or Cross
Reference Number

Vehicle & Model



Mobile App Battery Finder



Exide BRT-12 Battery Replacement Tool

Module 07 | Battery Testing, Charging & Installation

Most Start-Stop battery replacements do not require special tools.

For occasional reset of the car's Battery Management System (BMS), Exide's BRT-12 is a simple, affordable and easy-to-use tool.

Compatible with any car featuring a BMS



Exide Technical Guide Lead-Acid Batteries

Exide Technologies has been at the forefront of Lead-Acid battery innovation since 1880 to the current day. The company was the inventor of the world's first starter battery in 1912 and more recently the first manufacturer to introduce AGM and EFB battery technology into the European aftermarket.

Exide's expertise and knowledge enabled the publication of the easy-to-understand Exide Technical Guide. The latest edition is available to view and download as a PDF at:

www.exidegroup.media/techguide

