QUICK START GUIDE BT60 Battery Analyzer

Sign up for an Account **Battery Test** Enter the Settings module of 1. Create battery information on the APP homepage, fill in the "battery name", select "inside or **BT60-APP** and click Please outside the car", "battery type", "battery standard", and fill in the rated capacity. login/register first. Hello 3. Click "Perform 2. Click the navigation "Battery Test" at the bottom of the APP to Please login/register first On the account registration Battery Test". enter the history page. Email or Foxwell ID page, enter an email address as Language setting the user ID, and then click the Report sharing Verification Code Send Code. You will receive a 4. View test results as well as battery state of health, test/rated capacity, test voltage, battery state Quick auide 2 4-digit verification code to the of charge, and test resistance on the screen. Please enter password. email address you just entered. Clear detection data Please enter the verification Test/Rated CCA Test Time Test Voltage Confirm Password About us code, create a password and click Free registration. Feedback and suggestions Share Results 2024-04-12 09:47:35 Login registration Delete Results GOOD-RECHARGE After registering, please use the 637/1100 12.08V account and password you just 3 Test/rated — Test Voltage Voltage canacitance entered to log in to the APP. (\mathbf{b}) 63 State of Health 562mΩ 35% - 📾 Test Resistance Resistance Battery health status State of charge State of Charge Test Results **Result Description** Connect to a Battery No. GOOD BATTERY The battery is in good condition. 1 ▶1 Clean the battery posts on the top or 2 GOOD-RECHARGE The battery is in good condition but low current. Fully charge the battery and return it to service. side of the battery. 3 **CHARGE & RETEST** Fully charge the battery and retest. Failure to fully charge the battery ▶ 2 Connect the red clamp to the positive before testing may result in inaccurate results. If you still get (+) terminal and the black clamp to the CHARGE & RETEST message after you fully charge the battery, negative (-) terminal. please replace it. ▶ 3 Rock the clamp back and forth to REPLACE BATTERY The battery is almost dead or the connection between the battery 4 <u>s</u> ensure that the clamp and battery post and battery cable is poor. Replace the battery and retest; or are firmly connected. disconnect the battery cables and retest the battery using the out-of-vehicle test before replacing it. 4 After the clamp is connected correctly, in order to achieve matching binding The battery may be damaged such as broken cell or short circuit. 5 BAD CELL-REPLACE between the device and the APP, it is Replace the battery and retest. necessary to connect Bluetooth on the

6 24 VOLT SYSTEM The battery is 24V.

APP side.

FOXWEII Shenzhen Foxwell Technology Co., Ltd.

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1. Click "In-vehie "Battery	"Cranking Test" at the l cle Battery" when you in Test" is completed.	bottom of the nitially create	APP to enter the history page. Or you may choose the battery, and then enter the result page after the	✤ 1 C "In- "Cr	Click "Charg -vehicle Bat ranking Tes	
2 Click	PRESS FOR CRANK	ING	3. View the test results, start voltage, and start time	7 ty	ypes.	
TEST".			on the screen.	No.	Test Resu	
 If you selected "In-vehicle Battery" when you initially created the battery, you can click the "Charging Test" button to continue the charging system test. 					NO PROE	
	Test Time		Test Results			
	202 2 1 1	24-04-12 10:40:: 6 2	26 ——Share Results CRANKING NORMAL ——Delete Results	3	LOW OUT	
S	tarter Voltage	9.36 Starting voltage	5 6 7 8 9 10 11 12 13 14 1.18 (v) Start-up time (s)	4	HIGH OU	
No.	Test Results	Result Desc	ription			
1	CRANKING NORMAL	The starter ve	oltage is normal and the battery is fully charged.	5	EXCESSI	
2	LOW VOLTAGE	The starter ve	roltage is low and the battery is fully charged.	6	CHARGE	
3	CHARGE BATTERY	The starter ve the battery ar	roltage is too low and the battery is discharged. Fully charge nd repeat the starter system test.	7	REPLACE	
4	4 REPLACE BATTERY		The battery must be replaced before testing the startup system.			
5	NO START	No vehicle start detected.		For	For service an	
6	CRANKING SKIPPED	No startup de	etected.	Web E-m	osite: www. ail: suppor	

Test

- ging Test" at the bottom of the APP to enter the history page. Or you may choose ttery" when you initially create a battery, and then enter the result page after the t" is completed.
- ngine according to the prompts on the page, and the final test results will be as follows

No.	Test Results	Result Description
1	NO PROBLEMS	The system shows that the alternator output is normal.
2	NO OUTPUT	Alternator output is not detected. Check all connections to the alternator, especially the battery. If connections are loose or cables are severely corroded, clean or replace and retest. If the belt and connections are working fine, replace the belt alternator.
3	LOW OUTPUT	The alternator cannot provide enough power to power the system's electrical load and charge the battery. Check the belt to make sure the alternator is turning when the engine is running. Replace damaged or slipping belts and retest. Check the connection between the alternator and battery.
4	HIGH OUTPUT	The alternator output voltage exceeds normal limits. Check whether the test cable is loose and whether the grounding is normal. If there are no connection issues, replace the regulator. Most alternators have a built-in regulator that requires the alternator to be replaced. In older vehicles that use an external voltage regulator, you may only need to replace the voltage regulator.
5	EXCESSIVE RIPPLE	Excessive AC ripple is detected. One or more diodes in the alternator are not working or the stator is damaged.
6	CHARGE BATTERY	The starter voltage is too low and the battery is discharged. Fully charge the battery and repeat the charging system test.
7	REPLACE BATTERY	The battery must be replaced before testing the charging system.

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Pictures illustrated here are for reference only and this Quick Start Guide is subject to change without prior notice.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different
- from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction