Battery Tester Onsite Service manual

Models BST100, BST500, BST600

ERROR	PossibleCauses	SOLUTIONS
not Powered on when connected to battery	1、Connection wire (handle part) of test clip bad soldered.	The handle gets stuck with glue, use a blower to heat the rubber sleeve of the handle, remove the rubber sleeve and rework welding clip wire.
	2. battery voltage is too low.	check battery voltage voltage with multimeter and recharge battery if voltage is lower than 9V.
	3, Tested battery total voltage exceeds upper limit of tester,tester defective.	Return to factory to repair. Read the safety rules and precautions carefully, and DO NOT use to test batteries voltage over 35V.
Keys not working no response.	Bad er Poor contact or oxidized switch by dust.	Return to the factory to repair. Keep tester away from dusty, clamp and oily environment when using it.
Conclusion changed significantly in different test to same one battery	Battery terminals bad contact to tester clamps	Conclusion changed significantly in each test to one battery removed car connection and clamp tester directly to battery terminals when testing on car.
Tested CCA is too low.	24V mode wrongly selected when testing 12V battery.	Select 12V mode.
No reading or conclusion given	1. Battery voltage lower than 11.9V.	Recharge battery before test again.
	2. Bad or poor contact,loose connection between battery terminals and test clamps.	Clamp the clips firmly and completely to the terminals of battery.
	3. Broken wire.	Replace or weld the wires and clamps.
Paper jammed in printer.	1.Printer cover is not covered properly. gears between printer and cover roller are slipping.	Close the cover correctly until a clear "tik"sound is heard.
	2, Printer cover deformed.	Return to factory for repair and replace it.
Nothing printed out or printer no response.	1. Printing board or the inductance bad soldered.	Removed back cover to rework welding.
	2. Printing circuit board or printer defective.	Return to the factory to repair: replace the printer or printing circuit board.
Printer works but nothing printed out.	1. Printing paper reversely installed.	Reload printer paper correctly.
	2. Printed report blurred.	Replace good or new thermal paper.