Battery Tester Improper Repairs

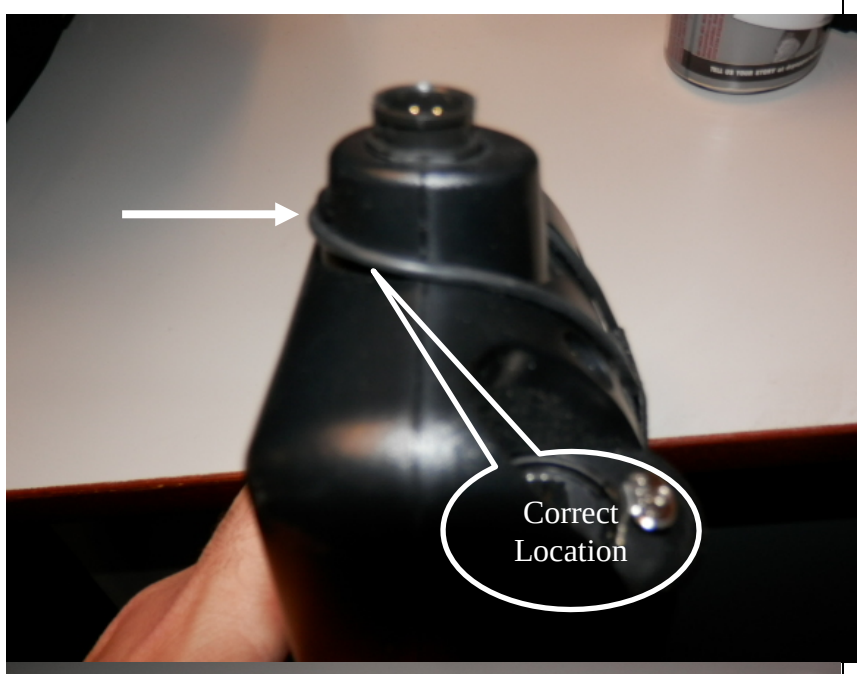
Issue #	Part:	Group(s) Affected:		
4	**Battery Tester**	Service ☐ Parts ☐ Roadside Assistance ☐ Sales ☐ Vehicle delivery/Logistics ☐		

Condition

Tester had a zip tie used in an inappropriate location in place of rubber cord that is supposed to be used for the handle. Other questionable repairs with electrical tape or duct tape may cause premature tester failure

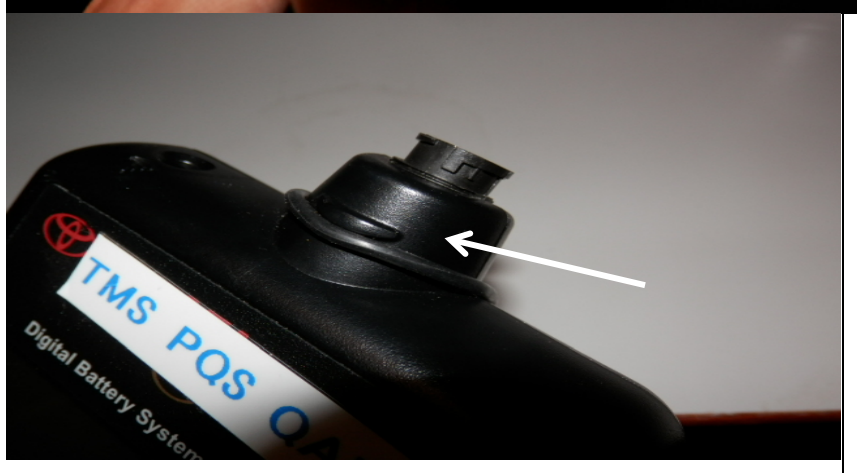
Observed Situation:

1. When examining the scan tool the cord had a zip tie placed on the scan tool so that it would put pressure against the cord, possibly leading to early failure against pin fit and solder joints in the wiring.
2. Some testers exhibited duct tape repairs, allowing debris to enter the battery compartment and tester.
3. Some cords may have been “repaired” using electrical tape, hiding underlying damaged wires.



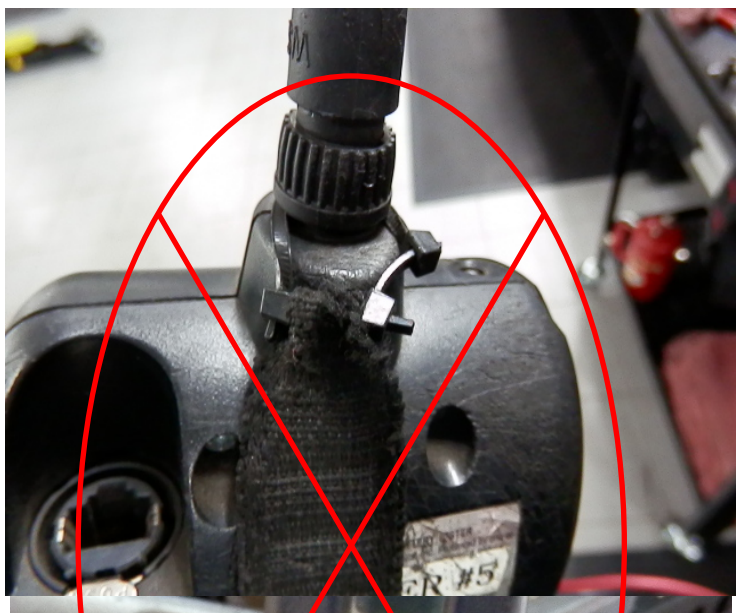
Concern:

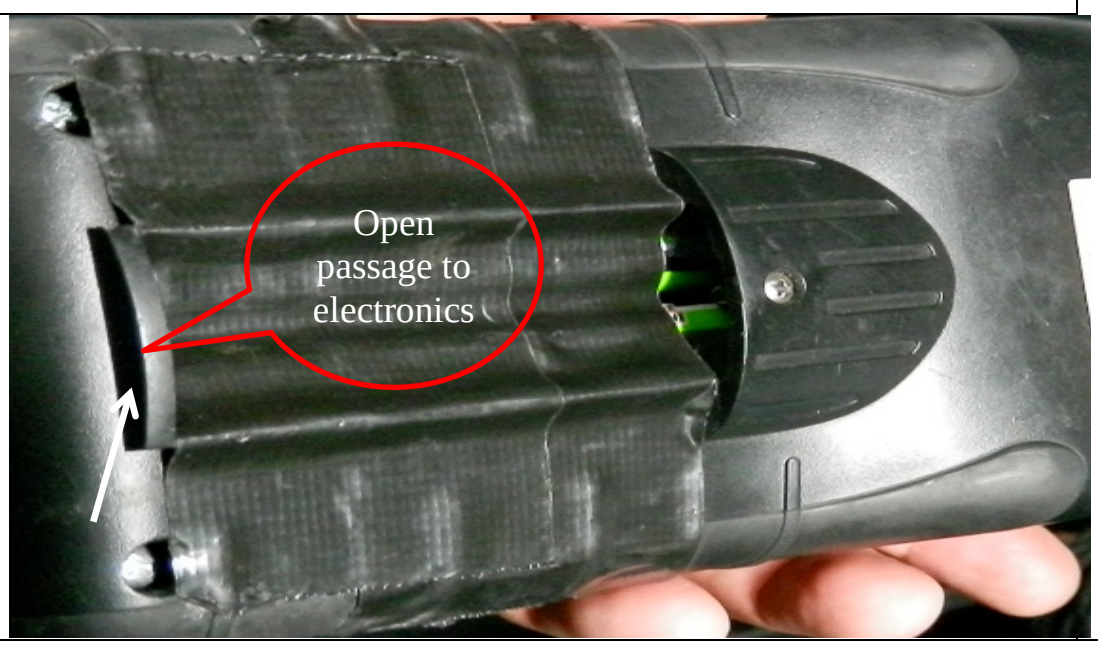
1.Intermittent failures, early degradation of tester, as every time the tester is picked up the zip tie puts a side load on the connector and pins.
2. Tester circuit boards can be damaged or affected by debris or liquids, if an entryway exists.
3. Regarding electrical tape repairs, If the cable was damaged enough to pierce or squeeze the outer insulation, and electrical tape is applied to the cord can you guarantee the wires in the cord are not damaged?
4. As one technician stated “the cord is not a leash, use the handle to carry it.”

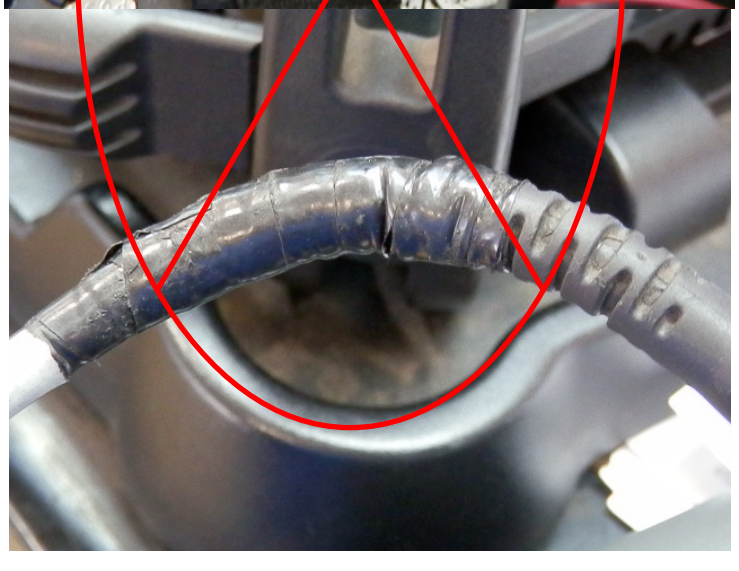


Suggested Change

1. Order a replacement rubber cord, and assure it is in place at the proper area of the scan tool. It should be at the notch, not against the cord.
2. Tester cables should be replaced rather than using electrical tape in attempt to repair. Duct tape and electrical tape should not be used to replace broken/lost/damaged parts, due to the difficulty of determining when testers are intermittently failing or providing inaccurate results.







Dealer Concerns: