CLAIMS

1. A cartridge for a conducted electrical weapon comprising:

a body comprising a wide portion and an elongated portion, wherein the body defines a step between the wide portion and the elongated portion; and

a cartridge identifier coupled to the elongated portion proximate the step, wherein the cartridge identifier is configured to compress against the step in response to receiving a force.

2. The cartridge of claim 1, wherein the force is received by the cartridge identifier in response to the cartridge being inserted into a bore of a magazine of the conducted electrical weapon.

3. The cartridge of claim 1, wherein the force is received by the cartridge identifier in response to a deployment of the cartridge.

4. The cartridge of claim 1, wherein the cartridge identifier is configured to axially compress against the step.

5. The cartridge of claim 1, wherein the cartridge identifier comprises a first material, wherein the body comprises a second material, and wherein the first material is different from the second material.

6. The cartridge of claim 5, wherein the first material comprises a rubber material or a plastic material.

7. The cartridge of claim 1, wherein the cartridge identifier comprises a physical structure configured to compress in response to the cartridge identifier receiving the force.

8. The cartridge of claim 7, wherein the physical structure comprises a spring shape.

9. The cartridge of claim 8, wherein the cartridge identifier comprises a plurality of voids, and wherein the plurality of voids forms the spring shape.

10. The cartridge of claim 9, wherein a first void from the plurality of voids is at least one of circumferentially offset or axially offset from a second void from the plurality of voids.

11. A cartridge identifier for a cartridge of a conducted electrical weapon, the cartridge identifier comprising:

a body comprising a ring shape configured to couple to an outer surface of the cartridge; and

an opening defined axially through the body, wherein the opening is sized and shaped to receive the cartridge in response to the body coupling to the outer surface of the cartridge, and wherein the body is configured to compress against the outer surface of the cartridge in response to receiving a force.

12. The cartridge identifier of claim 11, further comprising a void defined radially through the body, wherein the void is in fluid communication with the opening.

13. The cartridge identifier of claim 12, wherein the void comprises a plurality of voids, and wherein a first void of the plurality of voids is at least one of circumferentially offset or axially offset from a second void of the plurality of voids.

14. The cartridge identifier of claim 13, wherein the plurality of voids is numbered, sized, shaped, and oriented based on an amount of compression of the body in response to receiving the force.

15. The cartridge identifier of claim 11, further comprising a lip proximate a rear edge of the body, wherein the lip defines a portion of an inner surface of the body radially outward from a remaining portion of the inner surface of the body.

16. The cartridge identifier of claim 11, further comprising a protrusion extending radially inward from an inner surface of the body.

17. The cartridge identifier of claim 16, wherein the protrusion comprises a plurality of protrusions, and wherein a first protrusion of the plurality of protrusions is circumferentially offset from a second protrusion of the plurality of protrusions.

18. The cartridge identifier of claim 11, wherein the body is configured to axially compress in response to receiving the force.

19. The cartridge identifier of claim 11, further comprising:

a plurality of voids defined radially through the body between a front edge and a rear edge of the body, wherein the plurality of voids is in fluid communication with the opening;

a lip defined on an inner surface of the body proximate the rear edge of the body; and

a plurality of protrusions defined on the inner surface of the body, wherein the plurality of protrusions extend radially from the inner surface of the body.

20. The cartridge identifier of claim 19, wherein the plurality of protrusions extend axially from the lip towards the front edge of the body.