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501st Clone Trooper



Model CT 11281, Photo by D. Roate



Description: 501st Clone Trooper

Prefix: CT

Detachment: Clone Trooper Detachment

Context: Episode III: Revenge of the Sith

The 501st Legion, later known as "Vader's Fist," is an elite unit of troopers commissioned by Supreme Chancellor Palpatine during the Clone Wars that later became a Stormtrooper unit. The 501st have fought in many battles, such as the Battle of Teth and the Battle of Coruscant, becoming one of the most well-known legions. It was the 501st that was led into the Jedi temple by Darth Vader to help destroy the Jedi. In 19 BBY, the 501st became Darth Vader's personal unit as he led them during Operation: Knightfall, in which the troopers helped take down the Jedi, whom they believed to be traitors to the Republic.

The 501st approval requirements are listed in black.

In the page below, items listed in blue are recommended features that will improve the quality of the costume. Items listed in red are intended to further enhance the finished costume.

For 501st membership only the requirements in black need to be met.

IMPORTANT: The "Animated" armor design, seen in The Clone Wars CG Series, differs from the "Realistic" armor design used to create characters from the theatrical films and graphic novels.

See [this thread at clonetroopers.net](#) for the differences between the sculpt's.

This Visual Guide has been reviewed by the detachment staff and the LMO team and is certified for use as a minimum approval guideline for GMLs. GMLs are free to approve this costume type.

- Any uncertainties or questionable aspects of the submitted costume should be brought to the appropriate DL/GML peer review section of the legion forum.

Required Costume Components

The following costume components are present and appear as described below.



Helmet

For 501st approval:

- Realistic style ROTS Phase II helmet.
 - ◆ Fan-made helmet.
 - ◆ Some "name brand" helmets may be unacceptable.
- Helmet is painted matte or satin white.
- Black eye lens.
- Helmet Mohawk on dome.
- Helmet has a black brow band, just above the eye lens, that extends around to the back of helmet.
- Blue stripe runs vertically up front of helmet starting at chin and widens as it continues on top of dome.
- Helmet frown is charcoal grey in color.
 - ◆ Wire or plastic mesh is utilized inside the helmet to cover the open pieces of the frown.
- Stripe running up between vocoder and frown is about 1 inch wide.
- Stripe edges, along center of T lens, are about 3/8 inch wide at bottom and expand to about 5/8 inch near top.
 - ◆ Stripe continues above eye lens with about a 3 width and expands upward to align with blue on dome.
 - ◆ Stripe above black band is about 3 1/2 inches wide and expands outward to about 4 5/8 inch at front edge of mohawk.
 - ◆ Stripe at center of dome is about 2 3/4 inches from edge of mohawk.
 - ◆ Stripe narrows slightly toward back of dome and is about 6 inches wide, and stops short of dome edge leaving about a 3/8 inch white border just above the grey indented band.
- Black aerators with metal grills are mounted inside the two indented front jaw tubes at base of helmet.
- Ear caps are dark grey with black edging and detail.
- (9) dark blue vertical hash marks on each side of helmet cheek.
- Grey indented helmet band around back of dome.
- Black Indented vertical rectangle area on back with ribbed detail.
- Armor is weathered with shades of grey.

[For level two certification \(if applicable\):](#)

- Helmet has an enclosed complete neck ring that seals the helmet to the neck.



Neck Seal

For 501st approval:

- Neck seal is black in color with vertical ribbing or being smooth in appearance.
- No logos or labels are visible.
 - ◆ If the seal is not incorporated as part of the undersuit, a balaclava or other similar covering is acceptable.



Under Suit

For 501st approval:

- Black non-textured material, either one-piece or two-piece construction with no visible zippers or logos.



Shoulder Armor

For 501st approval:

- Realistic style shoulder armor.
- Shoulders are teardrop in shape with all rounded edges.
- Armor is painted blue.
- Armor is weathered with various scuff marks and shades of grey.



Upper Arm Armor

For 501st approval:

- Realistic style Upper Arm Armor.
- Armor is painted matte or satin white.
- Armor has a front hard line outside edge and inside rounded edge.
 - ◆ Armor piece has a dimple on the lower area of the back of the arm.
- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.

- Armor is weathered with shades of grey.



Elbow Armor

For 501st approval:

- Realistic style elbow armor.
- Armor is painted matte or satin white.
- Elbow straps have a raised detail line at the top and bottom of the strap.
- Armor has two parallel dashed detail slots on each outside edge of elbow at the strap connection.
- Elbows are mirror images of each other with a notched area on the outside of the elbow above the detail marks.
- Armor is weathered with shades of grey.



Forearm Armor

For 501st approval:

- Realistic style forearm armor.
- Armor is painted matte or satin white.
- Wrist end of forearm has a blue stripe, about 3/4 inch wide and spaced about 1/4 from wrist edge, wrapped around the armor.
- Right forearm has a compad with (8) small buttons, (1) large main button, and (1) slightly smaller rectangular button closest to the elbow.
- Armor is weathered with various scuff marks and shades of grey.

For level two certification (if applicable):

- Compad has detail antenna on its left.
- Instead of a hard edge the top of the forearm has a bone ridge.
- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.



Hand Plates

For 501st approval:

- Realistic style hand plates.
- Armor is painted matte or satin white
- Hand plates have a top curving ridge that come to a point over the index or middle finger just past the main knuckle of the hand.
- Armor is weathered with shades of grey.

Gloves

For 501st approval:

- Black over the wrist gloves made of leather, nylon, or other low pile fabrics.



- Gloves cover any exposed skin.
- Gloves do not show any labels or logos when the armor is worn.



Chest Armor

For 501st approval:

- Realistic style Chest Armor.
- Armor is painted matte or satin white.
- Two detail slots on lower outside edge of right raised chest area.
- Armor has blue pillar ?A? shape design pattern that runs up the center of chest.
 - ◆ Blue pillar design is narrowest at top with about 1 3/4 inch width and widens downward.
- Design is about 3 1/2 inches wide at the elevated chest edge, and about 6 inches wide at bottom, just above top abdomen edge.
- Blue pillar design flares outward along bottom edge, about 3 1/2 inches in length, creating about a 3/4 inch blue border on surface that tapers to about 1/2 inch. Blue carries over beveled indented edge along abdomen. Flares end in vertical cut edges.
 - ◆ Two white rectangles aligned vertically in center create the ?A? shape design.
 - ◆ Top white small rectangle is about 3/8 H x 1 1/2 W in inches and located in center of chest just about 1/4 inch below elevated chest area.
 - ◆ Bottom white long rectangle is spaced about 1/2 inch below top rectangle and is a continuation of the 1 1/2 wide white that runs down to bottom edge of armor.
- Chest and back armor match together at the sides with no open gap.
 - ◆ A seam line is present.
- Shoulder straps are slotted into the detail ridges of the top connection points.
- Blue areas are weathered with various scuff marks
- Armor is weathered with shades of grey.



Back Armor

For 501st approval:

- Realistic Style back armor.
- Armor is painted matte or satin white.
- Back has a detail plate with four circles on top, two elongated areas on left, and vents on lower right.
- Detail plate is painted blue.
- Back and Chest armor match together at the sides with no open gap.
 - ◆ A seam line is present.
- Shoulder straps are slotted into the detail ridges of the top connection points.
- Blue areas are weathered with various scuff marks.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Highly detailed resin back box plate cover with circuitry insets.



Abdomen Armor
For 501st approval:

- Realistic style abdomen Armor.
- Armor is painted matte or satin white.
- Eight 1/4" diameter holes, with four holes inside each indented channel of the abdomen.
- Abdomen section wraps around the wearers body and is sealed at sides or at back.
- Abdomen is completely contained under the chest and back armor.
- Armor aligns with codpiece with the seam line hidden by the belt.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Seam line along sides or back has no gap.



Codpiece and Posterior Armor
For 501st approval:

- Realistic style Codpiece and posterior armor.
- Armor is painted matte or satin white.
- Codpiece and Posterior armor connect at the hips.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Hips have correct detail connector snap and edge feature at the codpiece and posterior side connection.



Belt
For 501st approval:

- Realistic style belt, boxes, and detonator.
- Belt, boxes and detonator are painted matte or satin White.
- Belt front, between front boxes, has three vertical rectangle indents which are spaced apart by two protruding rectangle areas.
 - ◆ The rest of the belt is flat surfaced with raised edging on top and bottom that run along the rest of the belt.
- Eight Belt Boxes are attached to Belt, with four on each side.
 - ◆ The two largest Boxes are in front with angled top surface that is higher toward the center.
 - ◆ The smallest boxes are located behind the front boxes, about 1/8 inch apart and have an angled end on top.
 - ◆ The medium sized matching boxes, with flat top cover, are about 1/8 inch from smallest boxes.
 - ◆ Left rear box is spaced closer to detonator and has two square buttons in the top left corner, and two dashed indented detail marks on bottom right.
- Right rear box is spaced closer to detonator and has a bar with two small cylinders centered, and two dashed indented detail marks on bottom left.
- A detonator is centered and attached to back of Belt.
 - ◆ Detonator tube is about 2 1/4 inch diameter with wider detailed end caps.
 - ◆ Seven horizontally aligned square buttons are on left side of tube, facing backwards.
 - ◆ Counting from the left side, buttons 1 - 2 - 5 - 6 are painted blue.

- Blue areas are weathered with various scuff marks.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Boxes are notched on back and fit flush to belt.

For level three certification (if applicable):

- Back of belt, between rear boxes, has horizontal ribbing.
- Detonator has 1/8 to 1/4 inch wide rectangle base, connecting detonator to Belt.



Thigh Armor
For 501st approval:

- Realistic style thigh armor.
- Armor is painted matte or satin white.
- Two parallel vertical blue stripes about 1/2 inch wide each and 3/4 inch apart run down the center of the outside facing side of each thigh.
 - ◆ Front stripe top edge aligns with armor edge and is spaced about 1 1/2 inches below armor edge.
 - ◆ Back stripe top edge aligns with armor edge and is spaced about 1/8 inch below armor edge.
 - ◆ Both stripes continue down to bottom edge of armor.
 - ◆ Stripes align with stripes on the lower leg armor.
- Thigh Armor has a flat triangle area above the knee which transitions to a ridge line that extends up the front of the thigh to the top edge.
- Rear of armor has an indented area.
- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.
- Blue areas are weathered with various scuff marks.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Outside lower portion of the thighs come to a point and inner lower end is rounded.



Knee Armor
For 501st approval:

- Realistic style knee armor.
- Armor is painted matte or satin white.
- Blue stripe edge follows the bottom curve of knee armor with about a 1 1/4 inch width. Top of blue curve pattern creates a white downward point just below elevated vertical rectangle.
- Knees have a protruding flat area in front oriented towards the top of Knee.
- Knees bend around the front and connect to white detail clips that connect the strap on each side.
- A white colored flat strap, about 2 inches wide, wraps around back of leg.
- Blue areas are weathered with various scuff marks.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Flat Strap has raised 5/8 Inch wide grey center strap.



Lower Leg Armor For 501st approval:

- Realistic style lower leg armor.
- Armor is panted matte or satin white.
- Two parallel vertical blue stripes about 1/2 inch wide each and 3/4 inch apart run down the center of the outside facing side of each lower leg armor.
 - ◆ Back stripe is aligned with raised point on outside top edge of armor.
 - ◆ Both stripes run full length of armor from top to bottom edge.
 - ◆ Stripes align with stripes on the thigh armor.
- Front of lower leg has a flat triangular detail at the top which transitions to a ridge line that travels down the front of the armor to the ankle.
- Back of the lower leg has an indented arched area that continues down to the ankle.
- Bottom of the back side has an arched half circle engraved line at the heel.
- Armor is seamless, except where the calf spoon connects to the back of the lower leg indent edge.
- Blue areas are weathered with various scuff marks.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Calf spoon inserts connect to lower leg inside and are secured to keep in place.



Boots For 501st approval:

- White, ankle high or tall enough to cover the ankle and eliminate any black undersuit visible at the ankle.
- Boots are lace-less.
- The boots have armor detail to include a natural seam at the toe and a strap that goes over the top of the foot with two protruding disks at each side of the strap.
- There are no markings or labels from the shoe makers.
- Boot soles are flat.
- Boot soles are colored primer grey.

Optional Accessories

Items below are optional costume accessories. These items are not required for approval, but if present appear as described below.



DC-15S Blaster For 501st approval:

Manufactured by BlasTech Industries the DC-15S is smaller in scale than the DC-15A blaster rifle. Although it has a shorter range than that of the "A" model, it is easier to handle with a higher rate of fire. It features a folding stock for braced firing.

- Realistic Clone Style DC-15S Blaster.
- Blaster may be scratch built out of plastic, wood, metal or cast in resin.
- Blaster has realistic Episode II or Episode III details:
 - ◆ Wire frame sight.
 - ◆ Folding stock.
 - ◆ (12) radiator fins evenly spaced along the length of barrel.
 - ◆ Igniter detail knobs.
 - ◆ Charge magazine clip on right side.
- Total length is approximately 26" (66 cm).
- Because of the scale, the Hasbro version is incorrect.

For level two certification (if applicable):

- Charge magazine detail on clip is metal to gun metal grey in color.
- Detail bolts and screws are metal to gun metal grey in color.
- Igniter knobs have some copper coloring.
- Blaster is weathered.

For level three certification (if applicable):

- Functioning Blue LED is installed in barrel.



DC-15A Blaster Rifle
For 501st approval:

Manufactured by BlasTech Industries, the DC-15A is a tibanna gas, cartridge powered weapon. Hyper-ionized blue plasma bolts are more than capable of penetrating armored units. Exceptionally effective against both droids and contemporary targets.

- Realistic Clone Style DC-15A Blaster Rifle.
- Blaster rifle is scratch built out of plastic, wood, metal or cast in resin.
- Blaster has realistic Episode II or Episode III details:
 - ◆ Flip up sight in down position.
 - ◆ (10) radiator fins evenly spaced along the length of barrel.
 - ◆ Power setting adjuster detail lever.
 - ◆ Sniper Scope attached under rifle in storage position.
 - ◆ Charge magazine clip on left side.
 - ◆ Igniter detail knobs.
- Total length is approximately 55 inches (139.7 cm).
- Because of the scale, the Hasbro version is not allowed.

For level two certification (if applicable):

- Charge magazine detail on clip is metal to gun metal grey in color.
- Detail bolts and screws are metal to gun metal grey in color.
- Igniter has some copper coloring.
- Power setting adjuster detail lever is metal or gun metal grey.
- Sniper scope is metal or gun metal grey.
- Blaster is weathered.

For level three certification (if applicable):

- Functioning Blue LED is installed in barrel.

- [This CRL is available as a PDF at www.501st.com/databank/Costuming:CT_-_501st_Legion](http://www.501st.com/databank/Costuming:CT_-_501st_Legion)

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