

Skip to content Winter Soldier's Prosthetic Arm is a cybernetic implant attached to Bucky Barnes' left shoulder to be used in place of his missing left arm. Following the loss of his arm in 1945, Barnes was given a titanium arm by T'Challa during the Infinity War of 2018. The vibranium arm was later taken from Barnes by Nebula in December 2025, who gifted it to Rocket as a Christmas present, although Barnes had a vibranium arm [] Becoming Winter Soldier[] HYDRA turns Bucky Barnes into Winter Soldier Following Bucky Barnes' fall from Arnim Zola's speeding train, he suffered injuries that included the loss of his left arm. The prosthetic arm was only a portion of the reconstruction of the arm presumably took place in secret HYDRA facilities in the Soviet Union, following World War II. With the communist red star imprinted on the arm, the brainwashed Barnes eventually became known as the Winter Soldier [1] Encounter with Isaiah Bradley[] Winter Soldier in Goyang, resulting in a fight where Bradley destroyed half of his prosthetic arm. Later, HYDRA repaired it.[6] Assassination of the Starks[] Winter Soldier to steal a case of the Super Soldier to steal a case of the strength of his bionic arm to punch Howard Stark to death, and then staged his body to look like he died from the force of a car crash.[1] Training the Winter Soldiers[] Winter Soldie mission. Winter Soldier fought one of the Winter Soldiers, Josef, in a training exercise. However, despite his bionic arm, Josef managed to overpower and defeat Winter Soldiers rebelled against their handlers, and he used his prosthetic arm to protect and escort Vasily Karpov to safety.[1] Massacre at the Hotel Inessa[] Winter Soldier strangling his target During the 2000s, Winter Soldier was sent to Hotel Inessa, where he slaughtered his target's guards, before breaking his neck with his metal arm, before shooting and killing RJ Nakajima, who had inadvertently witnessed Winter Soldier's slaughter.[7] HYDRA Uprising[] Attack on Nick Fury[] Winter Soldier fails to execute Nick Fury In 2014, as Nick Fury had evaded his would-be HYDRA assassins in his SUV, Winter Soldier appeared on the road and used a Disc Grenade to crash his SUV. As Winter Soldier approached, he used his prosthetic arm to rip off the door of the armored S.H.I.E.L.D. SUV, but Fury had already escaped by digging into the ground and escaping.[1] Winter Soldier catches Captain America's shield Later that night, Winter Soldier tracked Fury down at Steve Rogers' apartment and shot him through the chest, leading Rogers to chase him across rooftops. Rogers caught up to him on a rooftop and threw his shield at him. However, Barnes caught his shield with his prosthetic arm and threw it back at Rogers, allowing Barnes to escape.[1] Battle of Washington, D.C.] Winter Soldier lands on the road "He's fast. Strong. Had a metal arm." —Steve Rogers in Sam Wilson's car in Washington, D.C.] Winter Soldier lands on the road "He's fast. Strong. Had a metal arm." Winter Soldier then landed on the highway using his prosthetic arm. During his fight with Rogers, the Winter Soldier's prosthetic arm, which was partially mechanical, was repaired by HYDRA doctors in the Ideal Federal Savings Bank, a HYDRA facility run by Alexander Pierce.[1] Battle at the Triskelion[] Winter Soldier shooting down the Quinjets During the Battle at the Triskelion, the Winter Soldier arm as a shield to block gunfire. He later used his arm to punch a hole through the window of a Quinjet and steal it to fly towards Steve Rogers and Sam Wilson. Winter Soldier rips the Falcon out of the air. Later, as Rogers and the Winter Soldier ambushed Rogers and the Winter Soldier and the Winter Soldier rips the Falcon out of the air. Later, as Rogers and the Winter Soldier ambushed Rogers and the Winter Soldier rips the Falcon out of the air. Later, as Rogers and the Winter Soldier rips the Falcon out of the air. Later, as Rogers and the Winter Soldier rips the Falcon out of the air. punch Rogers. The strength of his arm, in combination with his naturally enhanced strength, was used to force a knife into Rogers' shoulder and to pin his arm. Winter Soldier used his prosthetic arm to mortally shoot Rogers. As the Helicarriers collapsed at the Triskelion, Winter Soldier later used his prosthetic arm to rescue Rogers from drowning in the Potomac River.[1] Avengers Civil War[] Capture of Winter Soldier[] Bucky Barnes uses his arm to block gun shots In 2016, after the Bombing of the Vienna International Centre, Bucky Barnes was presumed to be the culprit and the Joint Counter Terrorist Centre prepared an operation to kill him in Bucharest. However, Steve Rogers found Barnes, who was in hiding, and fought alongside him to keep him alive. During the breach, Barnes shielded himself with his prosthetic arm to block gunfire and to throw Rogers against a Joint Counter Terrorist Centre combatant. Whilst trying to escape to the lower levels of the apartment, he leaped from the top floors and grabbed the metal railings with his prosthetic arm to grab a speeding motorcycle and ride it himself. However, he was eventually captured and imprisoned at the Joint Counter Terrorist Centre Building in Berlin. Winter Soldier Escapes[] Winter Soldier attempts to shoot Tony Stark After Helmut Zemo used HYDRA's command words to brainwash Barnes incapacitated Sam Wilson and used the strength of his prosthetic arm to throw Rogers into an elevator shaft. As he made his way upstairs, he fought Natasha Romanoff, Sharon Carter, Tony Stark with his Iron Man Gauntlet, and T'Challa, but he successfully fled to the roof where he was about to escape with a helicopter. After Rogers to death with his prosthetic arm, but he was knocked unconscious as they fell into the river. Bucky Barnes' arm locked in a vice Rogers and Wilson eventually took Barnes to an abandoned warehouse, locking his prosthetic arm in a large industrial vice to learn more about the HYDRA Siberian Facility and the Winter Soldiers.[2] Battle at Leipzig-Halle Airport[] Bucky Barnes' arm blocked by Spider-Man At the Leipzig-Halle Airport, Barnes used his prosthetic arm to defend himself from Tony Stark's team. Intercepted by Spider-Man, who casually voiced his arm matched when an attempt to land a strike was countered by Spider-Man, who casually voiced his arm matched when an attempt to land a strike was countered by Spider-Man, Barnes fights T'Challa Later, when the two Avengers factions met in a skirmish, Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowered him due to his use of the vibranium suit, Panther Habit, but Barnes was engaged by T'Challa, who almost overpowere him due to him due Barnes' prosthetic arm was destroyed by Tony Stark's unibeam, after Stark was manipulated by Helmut Zemo and attacked Barnes and Steve Rogers. The arm was removed, before Barnes chose to be frozen in Wakanda until a cure for his brainwashing could be found.[2] Vibranium Arm[] Infinity War[] Bucky Barnes is given a vibranium arm For two years, Barnes lived in Wakanda without a prosthetic arm. However, in 2018, after T'Challa was warned by the Avengers that Thanos' army was coming, he visited Barnes at his remote hut and gave him a new vibranium prosthetic arm that had been designed by Shuri. Rocket interested in Barnes' arm During the Battle of Wakanda, Barnes used the vibranium arm to wield his rifle with great efficiency, defeating many Outriders. When his rifle got knocked out of his arm, he tried to use his vibranium arm to pierce an Outrider with a knife but failed. He later lifted Rocket with his vibranium arm and they worked together to kill as many Outriders as possible. Afterwards, Rocket asked Barnes for his gun's price, but he replied it was not for sale. Rocket then asked for his vibranium arm's price, causing Barnes to leave without answering. Bucky Barnes and the arm disintegrate After the Outriders were defeated, Thanos arrived and effortlessly defeated Barnes after Barnes attempted to shoot him with his rifle. After Thanos completed the Infinity Gauntlet and snapped his fingers, Barnes then Eirst of the victims of the Snap, disintegrating along with his vibranium arm. [8] Bucky Barnes then used his vibranium arm to help him wield his rifle during the Battle of Earth.[9] Trying to Make Amends[] Bucky Barnes' arm For the remainder of 2023 and into 2024, while Barnes was living in New York City and trying to make amends for his past actions, he kept his vibranium arm hidden by wearing jackets, long-sleeves, and gloves when out in public. Barnes only exposed his vibranium arm when he was alone in his apartment.[7] Flag Smashers' Political Ultimatum[] Chase of the Flag Smashers[] Bucky Barnes after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers[] Bucky Barnes after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the Flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sam Wilson on his mission to Munich, Germany to try and stop the flag Smashers after his fall After joining Sa Torres on the aircraft, before using that arm to help him as he jumped out without flight gear. His arm helped a little to catch him During the fight with the Flag Smashers on top of the trucks, Barnes slipped off the side and used his vibranium arm to hold onto the bottom of the truck. While doing this, Dovich tried to kick his vibranium arm off the truck, but to no avail.[6] Clash in Brass Monkey Saloon[] Bucky Barnes pretends to be Winter Soldier In Madripoor, Helmut Zemo told Barnes that he had to pretend to be the Winter Soldier again, to Barnes' displeasure, as they had to all play different roles in order to be allowed inside where he needed to go. Barnes walked into the city with his vibranium arm exposed. Bucky Barnes uses his arm to fight to protect him against Selby's henchmen so that they would be allowed inside to see her. Barnes used his vibranium arm to defeat the henchmen and as he was choking the last henchmen, Sam Wilson put his hand on his vibranium arm, as a cue to stop.[10] Skirmish with the Dora Milaje[] Bucky Barnes uses his arm to stop Ayo In Riga, Latvia, Barnes wore his jacket over his vibranium arm be exposed. After Ayo, Nomble and Yama arrived to arrest Zemo, John Walker got into a fight with them. In an attempt to stop Ayo from fighting, Barnes's arm is detached However, Ayo detached Barnes' vibranium arm, exposing a locksafe in it put in by the Wakandans and then left with the others after seeing Zemo had escaped. Barnes, who was surprised about this, then reattached his arm after telling a concerned Sam Wilson that he didn't know that could happen.[11] Fighting the Flag Smashers[] Bucky Barnes fighting for the Shield[] Bucky Barnes uses his arm to fight John Walker had murdered a Flag Smasher, Barnes and Sam Wilson confronted Walker, repeatedly pushing him into the defensive with the shield and engaging in a grapple for it. At one point, Barnes caught the shield after it was thrown at him, and fought back. Bucky Barnes to fall to the ground and briefly become unconscious. Bucky Barnes returns to the fight Barnes soon regained consciousness and saved Wilson from Walker, by tackling into him. Barnes used his vibranium arm to hold onto Walker, so Wilson could disarm him from the shield. Barnes finally used the vibranium arm to block and restrain Walker, so Wilson could disarm him for Wilson to hit with the shield Barnes then used his vibranium arm to lift the shield before using his other hand to toss it to Wilson.[12] Fixing Wilson Family Boat[] Bucky Barnes uses his arm to fix the boat Barnes went to Delacroix, Louisiana and helped Sam Wilson's family boat. He used his vibranium arm very little to Wilson's surprise, but used it in a jokingly manner to help Wilson lift heavy objects.[12] Final Fight Against Flag Smashers[] Bucky Barnes uses his arm to talk on phone Barnes returned to New York City and went to the public as he was suited up to fight. After he was handed a phone, he used his vibranium arm to hold it while he talked to Karli Morgenthau. Bucky Barnes uses his arm to rescue GRC hostages After confronting the Flag Smasher lit it on fire. He used his arm to pry open a device that had been planted onto the trunk of the Humvee. After falling off the ledge of a construction site to a riverbank below, Barnes used his vibranium arm to stop a metal slab thrown by Dovich from falling on him. Bucky Barnes patted the shield After Sam Wilson's speech as the new Captain America, Barnes patted the shield the shield with his vibranium arm. Bucky Barnes shows off his arm Back at Delacroix, Barnes felt comfortable enough to showcase his vibranium arm at a community cookout. He let AJ, Cass, and other children touch his arm, while Sarah Wilson laughed nearby.[13] Owned by Rocket Raccoon[] Christmas Gift from Nebula[] Rocket is gifted the arm "Bucky's arm?" —Rocket to Nebula[src] In December 2025, Nebula went to Earth specifically to steal Bucky Barnes' vibranium arm from him. She succeeded in removing his arm and took it with her back to space, [14][15] intending to give it to Rocket as a Christmas present. Wrapping it at his feet, Rocket immediately recognized the arm as Barnes' and was overjoyed to receive it as Nebula wished him a merry Christmas. [16] Worn by Bucky Barnes[] Daily Life[] By 2027, Barnes was in possession of an identical vibranium arm, and wore it in his day-to-day life.[17] Alternate Universe Versions[] Zombie Apocalypse[] This section requires expansion To be added[3] Capabilities[] "I got a vibranium arm. I can take them." —Winter Soldier to Falcon[src] The bionic arm gives him strength superior to that of Captain America, and comparable to that of Iron Man. Winter Soldier was able to rip open a S.H.I.E.L.D. armored SUV, rip apart Sam Wilson's EXO-7 Falcon, and smash concrete by punching it. With his bionic arm supporting his already-enhanced natural strength, the Winter Soldier was able to overpower Captain America in a fight.[1] The limits of the bionic arm's strength were realized during the Avengers Civil War. While the arm was stronger than a natural one, it was not as flexible. This was seen when the Winter Soldier found himself matched by Spider-Man, an enhanced youth, who was able to counter his blow due to his superhuman strength and bend back the appendage with ease. The arm was later almost overpowered by the Black Panther whose own enhanced strength combined with his vibranium suit, the Panther Habit, allowed him to push back the force of the bionic arm while exploiting its limited mobility. The arm proved inferior to the gauntlets of the Mark XLVI as Stark was easily able to counter it before disintegrating the limb with his unibeam.[2] Despite being equipped with a new vibranium arm, its capabilities were shown to be relatively similar to his original bionic arm with the added benefits of being vibration absorbent and nigh-indestructible. Despite all of these positives, It was detached by pressing a combination on the arm, as a contingency if Barnes ever reverted to his HYDRA Programming, which was later used by Ayo during her scuffle alongside Falcon, U.S. Agent, Battlestar and a few of her subordinates while debating what to do with Helmut Zemo. Even without the combination, beings of sufficient superhuman strength, such as Nebula and Sentry, are capable of removing the arm through brute force. Alternate Versions[] Appearances[] References[] Skip to main content Reddit and its partners use cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy. they save his life after he falls from a moving train. Bucky uses various versions of this titanium arm until Iron Man blasts it off at the end of Captain America: Civil War. Wakanda provides Bucky with an upgraded prosthetic arm made out of vibranium, which apparently gets stolen by Nebula and given to Rocket Raccoon as a Christmas gift. As suggested by set photos and concept art, Thunderbolts* might ignore the Christmas gift gag and Bucky will retain his vibranium arm during the Phase 5 movie. The Marvel Cinematic Universe is so vast that Bucky Barnes' prosthetic arm has its own extensive history. Having gone from Captain America's closest friend during World War II in Captain America: The First Avenger to Hydra's top assassin in Captain America: The Winter Soldier, James "Bucky" Barnes has achieved many feats across the MCU's timeline. Bucky has fought Hydra, Captain America, Team Iron Man, and Thanos' army — all aided by his original army training, his Hydra brainwashing, and his emblematic metal arm. In the comics, Bucky Barnes' story is slightly different from the Winter Soldier, and Bucky took up the Captain America mantle long before Steve Rogers passed on the torch to Sam Wilson. The MCU made a few major changes to the Winter Soldier, but his prosthetic arm continues to be one of his signature characteristics. As symbolic as the metal arm is, however, Bucky Barnes' prosthetic has gone through several different changes throughout the decades. Crashes In The Arctic In Captain America: The First Avenger As shown by Captain America: The First Avenger, Bucky, and the Howling Commandos intercept a train containing Arnim Zola. The heroes succeed in fighting off multiple Hydra soldiers, but Captain America and Bucky get caught with their guard down by an armored guard armed with a Tesseract-energy-powered weapon, which destroys a wall and leaves Bucky, Bucky is unable to keep holding onto the train as the rail breaks, and he plunges into the freezing cold river below. Bucky Barnes' flashbacks reveal that Hydra rescue him as he lays dying after the train incident. Arnim Zola orders Hydra's top scientists to begin treating his wounds. Given the damage it suffers from the fall, Bucky's left arm has to be amputated. Of course, Hydra takes this opportunity to replace his arm with a state-of-the-art titanium prosthetic, which becomes his main weapon. They also erase Bucky's memories and reprogram his mind in order to force him to follow their commands, and turn Bucky into a compliant killing machine — the Winter Soldier. mission that Hydra assigns him. The Winter Soldier's enhanced skills and reprogrammed mind make him the perfect assassin. However, he wasn't infallible. During the Korean War, fellow Super Soldier right afterward. In fact, it's possible that Hydra upgraded and created multiple versions of the prosthetic throughout the years. The Winter Soldier uses his classic Titanium arm prosthetic to fight Captain America. Nick Fury, Black Widow, and Falcon in Captain America. The Winter Soldier uses his classic Titanium arm prosthetic to fight Captain America. Civil War. By the end of the conflict, Bucky Barnes tries to rip out Tony Stark's arc reactor from his suit of armor. In retaliation, Iron Man engages his armor's powerful uni-beam, blasting Bucky's metal arm off at the shoulder. As a result, Bucky remains incapacitated for the rest of the battle. After the events of Captain America: Civil War, Bucky Barnes feels regret over his actions as the Winter Soldier. Fortunately for him, Bucky doesn't need to keep escaping from vengeful enemies or the authorities thanks to T'Challa a.k.a. the Black Panther, who agrees to safeguard Bucky in his kingdom. Bucky, in turn, chooses to stay in cryogenic sleep in order to prevent himself from hurting more people Meanwhile, Shuri and her fellow Wakandan scientists investigate how Bucky's mental reprogramming can be reversed. Related The Falcon and the Winter Soldier episode 3 suggests that Bucky by repeating the trigger words that Hydra programmed into his mind. When Bucky doesn't react, they all understand that Bucky's Winter Soldier days are finally over. Bucky's deprogramming arrives just in time for his next battle, as T'Challa presents him with a brand-new, all-vibranium prosthetic arm so he can participate in the battle against Thanos. Bucky continues to use this version of the arm after Thanos' defeat, and he's last seen using it at the end of The Falcon and the Winter Soldier during his daily activities. The Wakandans built a detaching function into Bucky's vibranium arm, which the Dora Milaje are instructed in activating in order to neutralize Bucky Barnes, as shown in the warriors' fight against Bucky, Sam and John Walker in The Falcon and the Winter Soldier. Although Bucky Barnes is last seen using his Wakandan-made vibranium arm at the end of The Falcon and the Winter Soldier, his arm is featured in The Guardians of the Galaxy Holiday Special, where Nebula gifts Bucky's arm to Rocket Racoon as a Christmas gift. Rocket previously showed interest in the arm in Avengers: Infinity War, where he tried to negotiate a price with Bucky's vibranium prosthetic or if Nebula acquired (or built) a perfect replica just to please Rocket. The arm doesn't make an appearance in Guardians of the Galaxy Vol. 3. According to James Gunn on X, Nebula "took a trip to earth and tore it off his body because she was feeling so Christmasy." However, this may have been a joke. Sebastian Stan's Bucky's role in the movie apart from his co-starring role with Florence Pugh's Yelena Belova, Wyatt Russell's U.S. Agent, David Harbour's Red Guardian, Hannah John-Kamen's Ghost, and Olga Kurylenko's Taskmaster. Concept art for the movie shows Bucky Barnes using the same vibranium arm the Wakandans gave him in Avengers: Infinity War, suggesting that the arm's brief appearance The Guardians of the Galaxy Holiday Special will be retconned. Another argument in favor of a retcon is a Thunderbolt* set photo featuring Sebastian Stan, which shows a production member carrying a glove prop with the same pattern as Bucky' vibranium arm. Curiously, Sebastian Stan, which shows a production member carrying a glove prop with the same pattern as Bucky' vibranium arm. not for the vibranium glove. Considering how unlikely Thunderbolts* is to include a flashback that connects to the Galaxy, the most likely option is that Thunderbolts* will ignore The Galaxy, the most likely option is that Thunderbolts* will ignore the falls of the falls. from a moving train. Bucky uses various versions of this titanium arm until Iron Man blasts it off at the end of Captain America: Civil War. 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For instance, it was the Soviet Union who turned him into the Winter Soldier, and Bucky took up the Captain America mantle long before Steve Rogers passed on the torch to Sam Wilson. The MCU made a few major changes to the Winter Soldier, but his prosthetic arm continues to be one of his signature characteristics. As symbolic as the metal arm is, however, Bucky Barnes Falls Off A Train Before Steve Rogers Crashes In The Arctic In Captain America: The First Avenger As shown by Captain America: The First Avenger, Bucky Barnes' prosthetic arm has its origins in 1945, when Captain America, Bucky, and the Howling Commandos intercept a train containing Arnim Zola. 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For the next seven decades, the Winter Soldier fulfills every mission that Hydra assigns him The Winter Soldier's enhanced skills and reprogrammed mind make him the perfect assassin. However, he wasn't infallible. During the Korean War, fellow Super Soldier right afterward. In fact, it's possible that Hydra upgraded and created multiple versions of the prosthetic throughout the years. The Winter Soldier uses his classic Titanium arm prosthetic to fight Captain America: The Winter Soldier, and he uses it again to fight Team Iron Man in Captain America: Civil War. By the end of the conflict, Bucky Barnes tries to rip out Tony Stark's arc reactor from his suit of armor. In retaliation, Iron Man engages his armor's powerful uni-beam, blasting Bucky's metal arm off at the shoulder. As a result, Bucky remains incapacitated for the rest of the battle. After the events of Captain America: Civil War, Bucky Barnes feels regret over his actions as the Winter Soldier. Fortunately for him, Bucky doesn't need to keep escaping from vengeful enemies or the authorities thanks to T'Challa a.k.a. the Black Panther, who agrees to safeguard Bucky in turn, chooses to stay in cryogenic sleep in order to prevent himself from hurting more people. Meanwhile, Shuri and her fellow Wakandan scientists investigate how Bucky's mental reprogramming can be reversed. Related The Falcon and the Winter Soldier episode 3 suggests that Bucky by repeating the trigger words that Hydra programmed into his mind. When Bucky doesn't react, they all understand that Bucky's Winter Soldier days are finally over. Bucky's deprogramming arrives just in time for his next battle, as T'Challa presents him with a brand-new, all-vibranium prosthetic arm so he can participate in the battle against Thanos. Bucky continues to use this version of the arm after Thanos defeat, and he's last seen using it at the end of The Falcon and the Winter Soldier during his daily activities. 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Sebastian Stan's Bucky Barnes will return in Phase 5's upcoming Thunderbolts*. Little is known about Bucky's role in the movie apart from his co-starring role with Florence Pugh's Yelena Belova, Wyatt Russell's U.S. Agent, David Harbour's Red Guardian, Hannah John-Kamen's Ghost, and Olga Kurylenko's Taskmaster. Concept art for the movie shows Bucky Barnes using the same vibranium arm the Wakandans gave him in Avengers: Infinity War, suggesting that the arm's brief appearance The Guardians of the Galaxy Holiday Special will be retconned. set photo featuring Sebastian Stan, which shows a production member carrying a glove prop with the same pattern as Bucky' vibranium arm. Curiously, Sebastian Stan sports medium-length hair, which would suggest this scene is a flashback to Captain America: Civil War if not for the vibranium glove. Considering how unlikely Thunderbolts* is to include a flashback that connects to the Galaxy, the most likely option is that Thunderbolts* will ignore The Galaxy Holiday Special's arm gift gag. The Winter Soldier's Prosthetic Arm is a cybernetic implant attached to Bucky Barnes's body to be used in place of his missing left arm. The original arm was designed by HYDRA. It was comprised of titanium and destroyed by Iron Man. A new arm comprised of Vibranium was built for Bucky by Shuri in Wakanda. History[] Coptain America: The Winter Soldier[] To be added Avengers: Infinity War[] To be added Avengers Endgame[] To be added The Falcon and the Winter Soldier[] To be added The Galaxy Holiday Special[] To be added Capabilities[] Titanium Arm[] Weaknesses[] Limited Strength. it does have it's limits; during the Avengers Civil War, Bucky was able to almost match Black Panther in terms of physical strength. However, when engaging Spider-Man, the bionic arm was effortlessly caught and casually overpowered by Spider-Man. Limited Durability: Despite the bionic arm's incredible durability; it does have it's limits; during the Avengers Civil War, when Bucky attempted to rip out the Arc Reactor from Tony Stark's mark forty-six Iron Man armor, Tony released a powerful blast of energy that instantly destroyed the bionic arm. Limited Flexibility: Although the bionic arm was stronger than a natural one; but it was not as flexible as a natural arm. Vibranium Arm[] Weaknesses[] Fail-Safe: Shuri designed a fail-safe that could detach the Vibranium bionic arm by hitting the pressure points in a combination, if Barnes ever reverted to his Winter Soldier Programming. This was used by Ayo when she fought Barnes in Riga, Latvia. Appearances[] Trivia[] In the comics, the Winter Solider's bionic arm was created by Department X. In the comics, the bionic arm was created by Department X. In the comics, the bionic arm was created by Captain America: The Winter Soldier[] Promotion, Filming and Concept Art[] Captain America: Civil War[] Promotion, Filming and Concept Art[] The Falcon and the Winter Soldier[] "The Whole World Is Watching"[] The Guardians of the Galaxy Holiday Special[] Warning: SPOILERS for The Falcon and The Winter Soldier Episode 2 - "The Star-Spangled Man" Bucky Barnes' (Sebastian Stan) prosthetic arm was made of a different metal before he got his current Vibranium arm in The Falcon (Anthony Mackie) in trying to put a stop to the European cadre of super soldiers who call themselves the Flag-Smashers. Bucky lost his left arm when he was nearly killed during the events of Captain America (Chris Evans) led the Howling Commandos on a mission aboard a Hydra train, but Bucky fell and plummeted into a river far below. Barnes was believed dead by Steve and the U.S. Army but he was a Hydra prisoner of war. Hydra continued their experiments, brainwashed him, and injected him with a variant of the super-soldier serum. Adding a new metal arm to replace the one he lost in his fall, Hydra transformed Bucky into the Winter Soldier, their most feared assassinations for Hydra before getting his memory wiped and being placed in cryostasis after each mission, which kept Barnes from aging The Winter Soldier's original metal arm was made of titanium, which was the hardest metal Hydra had access to. It was still an extremely formidable weapon that was powerful enough to punch through brick walls and even catch Captain America's shield. The fact that Bucky had a metal arm also impressed Spider-Man (Tom Holland), who thought it was "so awesome" when Team Cap and Team Iron Man fought in Berlin during Captain America: Civil War. However, Barnes' prosthetic arm was destroyed by Iron Man (Robert Downey Jr.) when he battled the Winter Soldier and Captain America in Siberia at the end of Civil War. After Rogers and Barnes managed to escape, they made their way to Wakanda. It was here that Bucky volunteered to be placed back in cryo-sleep - to protect himself and those around him - until Shuri (Letitia Wright) cured him of his Hydra brainwashing. Bucky was then given a new Vibranium arm by King T'Challa (Chadwick Boseman) before he joined the Battle of Wakanda in Avengers: Infinity War. The Falcon and The Winter Soldier episode 2 revealed that Iron Man wasn't the first to destroy Bucky's original titanium arm. When Bucky took Sam to meet super-soldier deployed by the U.S. Government after Steve Rogers was frozen in ice and presumed dead in 1945. During the Korean War, Bradley was deployed to go "deal with" the Winter Soldier. In 1951, Isaiah caught up with Bucky in a bar in Goyang; during their battle, Bradley got the best of Barnes and he "took half that metal arm". Bradley then joked that Bucky in a bar in Goyang; during their battle, Bradley got the best of Barnes and he "took half that metal arm". given the bionic arm by the Soviets, who recover him after a similar fall and assumed death. The arm was intended to be replaced each time new technology was discovered or invented, and it was upgraded over time with new functionality. The composition of the arm in the comics is never spelled out, though it's able to resist an attack from Black Panther's Vibranium claws, suggesting a similar composition. There is another possibility in the Marvel Comics universe, though: In the comics, the X-Men and Adamantium weren't split off from the main MCU. Adamantium, which also laces Wolverine's skeleton, is stronger than Vibranium – and what's even stronger is an alloy of the two, which makes up the comics' Captain America shield. There may be more instances yet to be revealed of the Winter Soldier's titanium arm being destroyed and replaced in the MCU. It's notable that Steve Rogers didn't destroy his best friend's metal arm when they fought, although he did trap Bucky's prosthetic in a metal vice during Civil War until he was sure Barnes' Hydra brainwashing activated by Helmut Zemo (Daniel Brühl) had subsided. But given the fact that Vibranium is purportedly the strongest metal in the MCU and is previous prosthetics. Yet even Bucky's powers as a supersoldier and his Vibranium arm may not be enough the next time he and Sam Wilson take on the Flag-Smashers in The Falcon and The Winter Soldier: Every MCU Easter Egg In Episode 2 Most of the time, the arm is put on in pieces, wrapped around his upper shoulder, slid up his forearm and then put on as a gloved hand part. Depending on the shot they may use more than one perspective or more than one prop to make the shoot more realistic. What is Bucky's arm in the movie Captain America's arm in the m shield is made of. In Avengers infinity war, it's made of vibranium courtesy Wakanda technology and Shuri's scientific mind. Is Bucky's arm Vibranium? Comic. Winter Soldier's Prosthetic Arm is a cybernetic implant attached to Bucky Barnes' body to be used in place of his missing left arm. After the titanium arm initially given to Barnes by HYDRA was destroyed by Iron Man in 2016, he was given a vibranium replacement by T'Challa during the Infinity War of 2018. READ: How do I export vocal stems in logic? Who cut off Bucky's arm? During The Falcon and the Winter Soldier episode 4, Bucky and Sam come into the conflict with the Dora Milaje over Baron Zemo. Bucky is quickly taken out of action by Ayo, who uses a secret failsafe to immediately deactivate and detach the arm, much to the shock and horror of the former Winter Soldier. Why does Bucky sleep on the floor? Bucky fought in WWII as part of the 107th infantry, so it's possible that he chose to sleep on the floor? and he's still having a difficult time adjusting to regular life. How did Bucky get to Wakanda? At the end of Civil War, Black Panther took him in suspended animation to try to get Bucky's brain back to normal and to keep him clear of those hunting him. He got dusted in the Battle of Wakanda and got resurrected there. READ: Which auto-tune is best?Why does Bucky have no furniture? So, the logical conclusion is that Bucky sleeps on the floor because, to him, a mattress is disturbingly marshmallow-like, threatening to swallow him whole. alert at all times. Originally Answered: In Captain America's shield. It's made of vibranium thanks to Wakanda technology and Shuri's scientific mind in Avengers Infinity War. What kind of metal does Winter Soldier's arm make up? The original metal arm of the Winter Soldier was made of titanium, which was the first arm of the Winter Soldier made of? Originally Answered: In Captain America: The Winter Soldier, what is Bucky's arm made of? It's made of titanium rather than adamantium, which is what makes Captain America's shield. It's made of vibranium thanks to Wakanda technology and Shuri's scientific mind in Avengers Infinity War. Is the Winter Soldier's arm CGI-enabled? For the film, the arm was created using a combination of CGI and prosthetics. As a result, Winter Soldier cosplayers must essentially replicate something that does not exist, and they've done a good job so far. The arm serves as a visual reminder of one of the MCU's most compelling character arcs. What was Bucky's arm made out of? Barnes spent two years in Wakanda without a prosthetic arm. T'Challa, on the other hand, visited Barnes at his remote hut in 2018 after being warned by the Avengers that Thanos' arms is made of metal? The original metal arm of the Winter Soldier was made of titanium, which was Hydra had access to the hardest metal. It was still a formidable weapon capable of punching through brick walls and even catching Captain America's shield. Bucky's arm was made of something else before. Because Bucky Barnes punched Captain America's shield. arm was made of vibranium; however, when it was destroyed by Iron Man's unibeam, Bucky's entire bionic arm was actually made of vibranium. How do Winter Soldiers arm themselves in the film? The arm is usually put on in pieces, wrapped around his upper shoulder, slid up his forearm, and then worn as a gloved hand piece. They may use more than one perspective or multiple props depending on the shot to make the shoot more realistic. Bucky's arm is made of titanium. Shuri built a cybernetic implant attached to his body. HYDRA designed the original arm. Iron Man destroyed it, which was made of titanium. Shuri built a new Vibranium arm for Bucky in Wakanda. Bucky's first ARM was made by who? Bucky Barnes' missing left arm is replaced by the Winter Soldier's Prosthetic Arm, a cybernetic implant attached to his body. HYDRA designed the original arm. Iron Man destroyed it, which was made of titanium. Shuri built a new Vibranium arm for Bucky in Wakanda. What happened to Bucky's real arm? Bucky was luckily given a prototype version of the Super Soldier Serum (designed by HYDRA) that gave him the strength to live on. Is Bucky's right arm made of metal? Bucky uses his right hand when assisting Sam with repairs, prompting Sam to inquire as to why he didn't use his metal arm. "I'm right-handed," Bucky obviously didn't lose his left arm, and the vibranium arm is still extremely powerful even when he's right-handed. Is Bucky's arm made of real or a CGI film? Any action shot had the arm and hand completely replaced by CG after working on the film. Near the end of the shoot, the real foam arm had large gaps for flexibility around elbows, wrists, and shoulders, as well as tracking markers, and was falling apart. Is Sebastian Stan having a problem cutting his arm? That arm broke in half, according to him, due to the fact that it was made of "a very hard material so I does not be a stracking markers, and shoulders, as well as tracking markers, and was falling apart. couldn't even like; just getting it to use it was extremely difficult." But, once again, that informed [a] kind of character's behavior in some way, and I recall refusing to wear the less gleaming one. 6 What happened to Bucky's arm? Bucky was luckily given a prototype version of the Super Soldier Serum (designed by HYDRA) that gave him the strength to live on. Unfortunately, he lost his arm, which was replaced by HYDRA with a new cybernetic one. Bucky's arm was lost in the first place, so why did he lose it? Bucky lost his left arm during Captain America: The First Avenger's events, nearly killing him. The original metal arm of the Winter Soldier was made of titanium, which was Hydra had access to the hardest metal. What is Bucky's arm's position? The bionic arm is connected to a cybernetic structure that has been built into his shoulder. His bionic arm is connected to a cybernetic structure that has been built into his shoulder. the Winter Soldier is currently taking the internet by storm, which isn't surprising after its successful debut on Disney+. Serving as the second MCU entry in the franchise's Phase 4 slate, the limited series explores the post- Endgame life of Sam Wilson and Bucky Barnes , and they will soon be joined by returning characters like Emily VanCamp's Sharon Carter and Daniel Bruhl's Zemo. So far, the first episode showcased Sam and Bucky's dilemma of catching up after being erased from existence by Thanos for five years. On top of that, story beats such as Captain America's legacy were also pushed to the forefront in the show's debut, a fitting glimpse of what's to come for The Falcon and the Winter Soldier . Now, another tease from the promotional materials of the Marvel series has emerged, seemingly hinting that the show will do a deep dive into an important aspect of Bucky Barnes. AN INSIDE LOOK AT BUCKY'S VIBRANIUM ARM The latest promo spot for The Falcon and the Winter Soldier included a major tease regarding Bucky Barnes' vibranium arm. A blink-and-you'll-miss-it moment from the promo shows Bucky's arm detached from its socket, revealing the Wakanda tech located inside of Bucky's shoulder. Marvel's The Falcon and the Winter Soldier The teaser than shifted to a scene where Bucky points out that he has a vibranium arm while Sam claps back to say that he wakanda tech located inside of Bucky's shoulder. can fly. Marvel's The Falcon and the Winter Soldier The full promo spot can be viewed below: THE SECRETS OF BUCKY'S WAKANDA TECH-INFUSED ARM Based on this reveal, it's safe to say that the secrets and backstory of Bucky's vibranium arm will finally be explored in some form. The character debuted during 2014's Captain America: The Winter Soldier , but details about his metal arm haven't been fully explored ever since. With Bucky getting a larger on-screen presence in The Falcon and the Winter Soldier , it's only fitting that the show will expand on the character's mythos, starting off with this mysterious body part. To recap. Bucky's original vibranium arm was destroyed by Iror Man during 2016's Captain America: Civil War, and it was later replaced by an upgraded one from Shuri during Avengers: Infinity War. Bucky obtained the arm right before Thanos attacked Wakanda, meaning that the character wasn't given much time to explore his new upgrade. The Falcon and the Winter Soldier is poised to give much-needed answers about Bucky's vibranium arm, and this latest piece of evidence suggests that some upgrades from Wakanda will be put to good use in the show. Interestingly, in an interview back in 2019, Sebastian Stan actually pointed out that certain unseen features of Bucky's vibranium arm would be showcased in The Falcon and the Winter Soldier, sharing that he misses "the old star" from the previous one. On top of the upgrades, this could hint that the design of this Wakandan-themed body part will receive an overhaul by the end of the series, potentially returning to its old form to pay homage to its comic-accurate look. Whatever the case, Bucky's new upgrade will certainly help in the fight against the Flag Smashers and Zemo in The Falcon and the Winter Soldier , and it will be interesting to find out how it will unfold over the course of the series. The Falcon and the Winter Soldier is now streaming on Disney+. - Follow Follow Follow Follow Follow Infinity WarFor two years, Barnes lived in Wakanda without a prosthetic arm. In 2018, after being warned by Thanos' approaching Avengers army, Challa visited Barnes in her secluded cabin and gave him a new vibranium prosthetic hand designed by Shuri. Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky Barnes's body and is used in place of his missing left arm. ... After the titanium arm HYDRA originally gave Barnes was destroyed by Iron Man in 2016, he was given a vibranium substitute by Challa during 2018's Infinity War. What is Bucky's arm made of in Captain America's shield is made of. In Avengers Infinity War, he is made of vibranium thanks to Wakandan technology and Shuris's scientific mind. How did Marvel make Bucky's arm? We took sketches from the design team at Ryan Meinerdings and then one of our digital artists, Vonil Song, created a digital sculpture. Right: Legacy has developed two versions of the Winter Soldier's weapons. "We made one out of foam with extreme action markers," says Mahan. Can Bucky feel vibranium with his hand? This particular scene from episode 4 of The Falcon and the Winter Soldier was Bucky's defining moment. After winning the White Wolf title in Wakanda, Bucky feel vibranium with his hand? This particular scene from episode 4 of The Falcon and the Winter Soldier was Bucky's defining moment. new Vibranium arm. 08Is the Winter Soldier's hand CGI?After working on the film, the arm and hand were completely replaced with CGI in every frame of the action. The actual foam arm had wide flex spaces around the elbows, wrists, and shoulders, had fingerprint marks on it, and was falling apart by the end of the session. And most of the time, when you see a hand in a movie, it was an action shot. In which movie did Bucky's vibranium arm? Eric Leven, Visual Effects Supervisor for Marvel Studios The Falcon and the Winter Soldier, shares the behind-the-scenes secrets of Bucky's vibranium hand. When will The Falcon and the Winter Soldier end? Bucky's vibranium arm is stronger? Replacing the robotic prosthetic that was destroyed at the end of Captain America: Civil War, Bucky's new Vibranium arm is stronger, more durable, and represents a vast improvement over his original Winter Soldier prosthetic. 24What was Bucky's first hand made of? The original tonearm was designed by HYDRA. It was made of titanium and destroyed by Iron Man. Shuri of Wakanda built a new vibranium arm for Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic implant that attaches to Bucky's arm made of vibranium? The Winter Soldier's prosthetic arm is a cybernetic arm is a cybernet was given a vibranium substitute by Challa during 2018's Infinity War. What metal is Bucky's arm made of? It has been widely speculated that the Winter Soldiers' bionic arm was made of vibranium, as Bucky Barnes hit Captain America's vibranium shield twice, the flames did not return, but this turned out to be incorrect when it was destroyed by Captain America's Unibeam. Iron. the entire bionic arm was actually...What was Bucky's arm made of during the Civil War?Bucky got his vibranium arm in Wakanda, but the Winter Soldiers' original arm was made of a different metal and Hydra had to replace it at least twice.