

# Tusk Ball Joint Install/Removal Tool

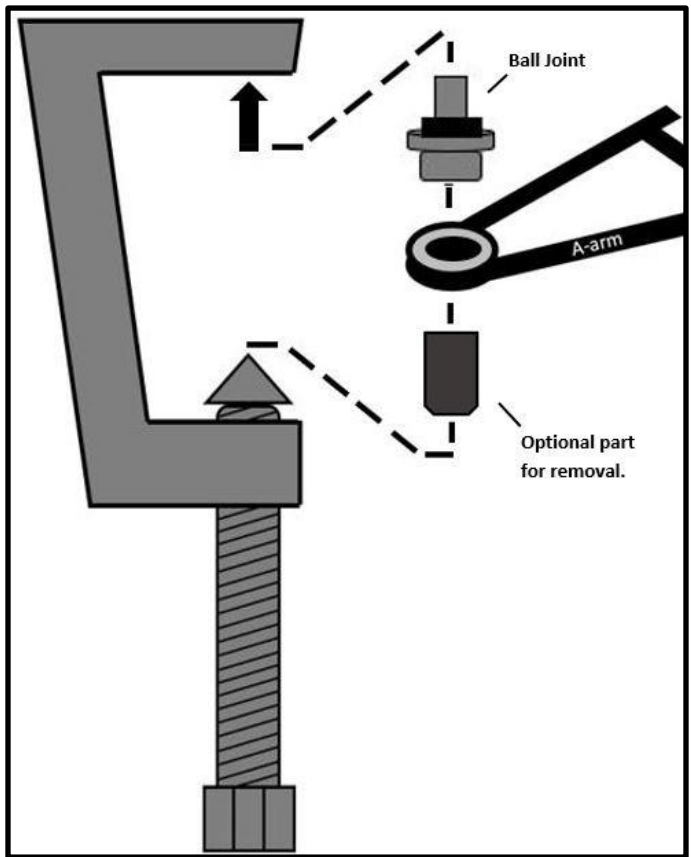
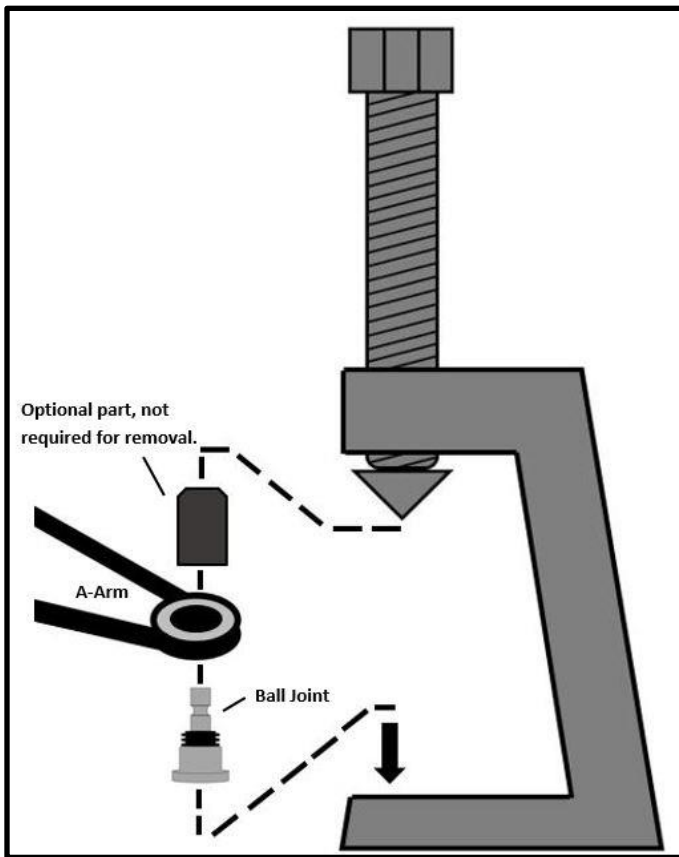


Congratulations on your purchase of this tool. This product is made to help with the install and removal of ATV/UTV ball joints. Please take note of the information and instructions below to get the most out of your Tusk Product.

**Assembly:** Before you throw any packaging away, make sure you received all the necessary hardware:

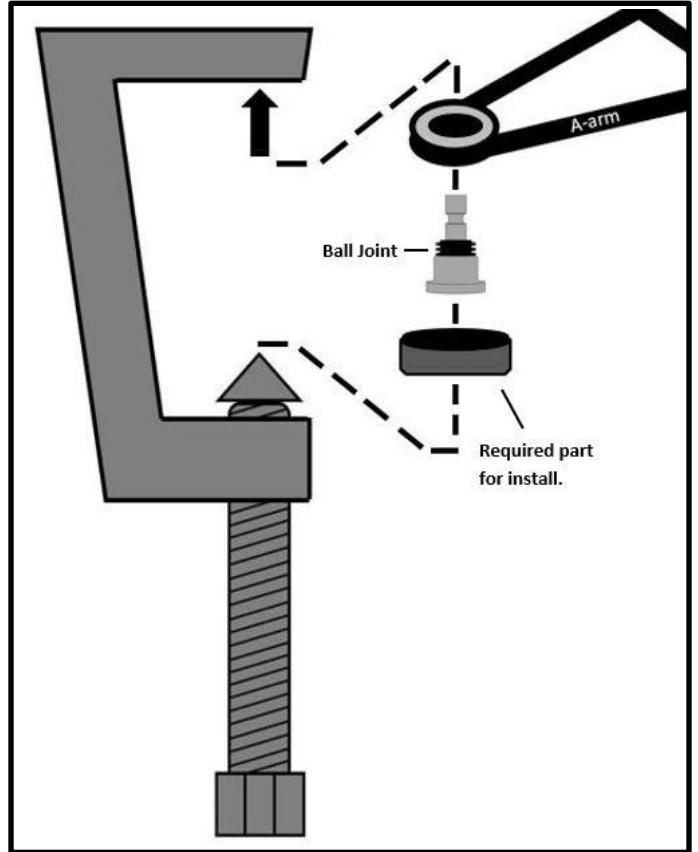
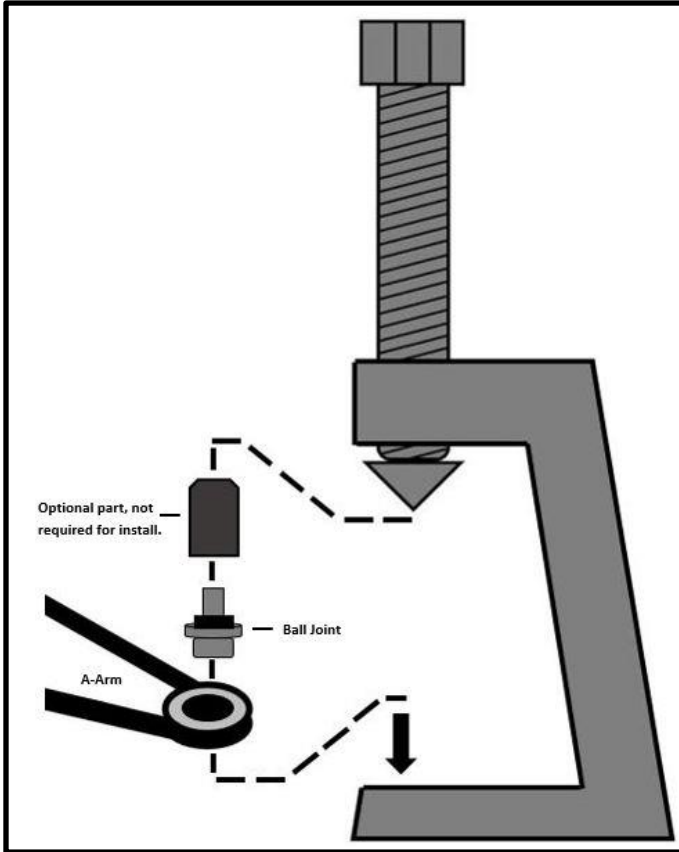
**Removal steps:**

1. Removal of the ball joints will require you to remove the wheel from the machine. Once the machine is properly and safely lifted, the wheel can be removed from the machine. Next you will need to un-bolt, un-clip or un-thread the ball joint from the wheel hub. **Note: Using a tie down you can support/hang the wheel hub out of the way of the ball joint without harming any brake line or sensor cable.**
2. Insure that all c-clips and any other retaining devices are removed before pressing the ball joint out of the A-arm.
3. You can now refer to the following pictures to determine which style of ball joint you have and what tools will be required for removal. Once all of the tools are properly aligned and hand tightened, you can now take a 22mm wrench and begin tightening the tool. The ball joint should slowly press out of the A-arm.



**Install steps:**

1. Once the old ball joint is removed, clean and inspect the A-arm for any damage or wear. Replace worn or damaged parts if needed.
2. Take the new ball joint and tool and loosely assemble the tool according to the following installation pictures. Please refer to the picture that has your style of ball joint.
3. Once loosely assembled, take the 22mm wrench and slowly tighten the tool until the ball joint is completely pressed into place. You can now reassemble the wheel hub, wheel and any other parts that were removed during installation. Torque all parts to OEM specs, install c-clips and install any cotter pin required



**Note: Ensure all bolts and hardware are tightened to OEM specs. Failure to do so will lead to malfunctions and possible injury/death. After every few rides and after any crash insure bolts are tight.**