

Jeep JK 3 Link Frame Bracket Kit Installation Instructions

Thank you for purchasing our JK 3 link
frame mount kit!

Installation Notes:

- This product is designed to fit a 2007-2018 Jeep Wrangler JK or JKU.
- This kit is designed to replace all of the factory frame control arm mounts, and convert your front and rear suspension to a 3 link system.
- This kit only includes the frame side mounting brackets for a 3 link suspension. The rear axle upper control arm mount, suspension links, and other modifications will be the responsibility of the installer.
- Removal of the factory frame rear lower control arm mounts, the right side frame front upper control arm mount, and the front lower frame control arm mount is recommended.
- Installation of a truss on the front axle is required to add reinforcement to the axle upper control arm mount.
- 2012-2018 models will require an exhaust loop delete be installed

Tools required:

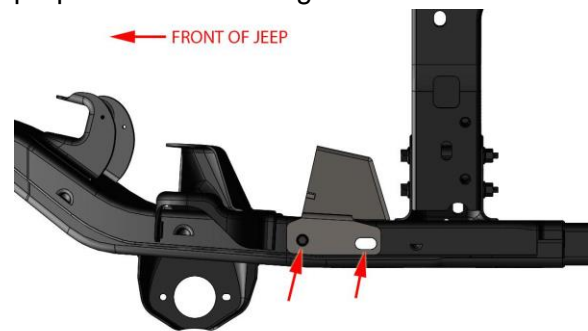
- Welder with the capability to weld at least ¼" thick steel
- Cutting torch, plasma cutter, or other appropriate cutting tool
- Grinder for the removal of paint

Step 1:

Support the transmission, remove the factory crossmember, and install the provided crossmember.

Step 2:

The front upper control arm mount will now need to be installed. Place the main body of the bracket on the inside of the right frame rail. Move the bracket down the frame until the hole and the slot in the bottom of the bracket aligns with the hole and slot in the bottom of the frame. Mark all locations where the bracket contacts the frame. Remove the bracket and use a grinder to remove the paint from the marked areas in preparation for welding.

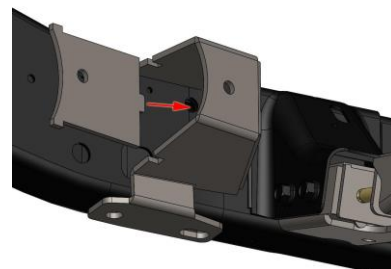


Step 3:

Cut the factory upper and lower control arm mounts off the front right side of the frame, and grind smooth. The left side frame brackets can also be removed if desired.

Step 4:

Place the provided tab inside the bracket that was welded to the frame in the previous step. The tab will locate in slots in the main bracket. Install a suspension joint and the provided bolt to align all components. Tack weld the tab in place, remove the joint and hardware and finish welding the tab.



Step 5:

It is now time to move to the rear of the Jeep and install the rear upper control arm mount on the frame. Place the provided bracket on the bottom of the two crossmembers in the rear of the Jeep. Align the holes in the crossmember with the holes in the bracket, the larger hole should go towards the front of the Jeep. Mark the locations where the bracket contacts the crossmembers. Remove the bracket and grind the paint off from the crossmembers where marked.

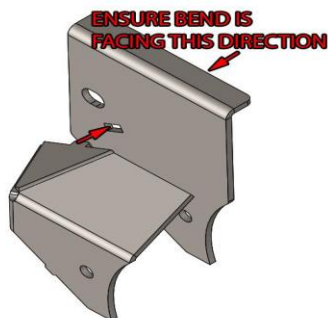


Step 6:

Place the bracket back into position and weld in place.

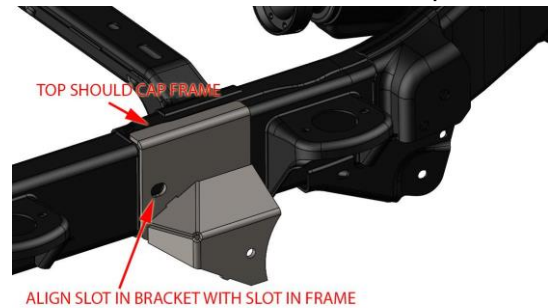
Step 7:

The rear lower control arm mounts now need to be installed. Place the outer part of the bracket on the provided side plate. Install the provided hardware and a suspension joint to ensure proper alignment. Weld the two pieces together. Use care to ensure that the bend in the side plate is facing away from the installed bracket.



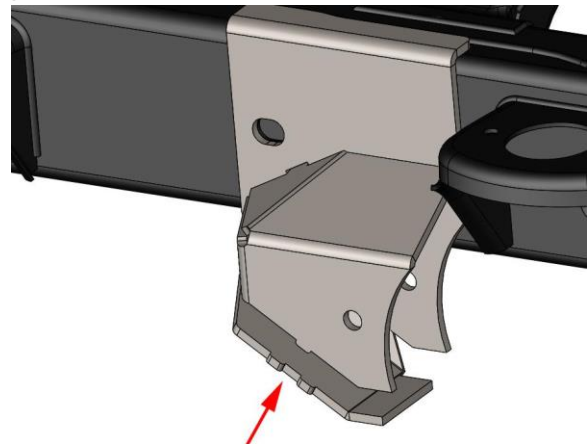
Step 8:

Place the bracket assembly on the outside of the frame rail in front of the rear body mount. The assembly will cap the top of the frame and need to be aligned with a matching slot in the side of the frame. Mark the contact points of the bracket on the frame. Remove the bracket and grind the paint off from the frame at the marked locations. Place the bracket back in position on the frame and weld in place.



Step 9:

Place the lower skid on the bracket assembly, mark the location where the skid contacts the frame. Remove the skid and grind the paint off from the frame. Place skid back on the bracket assembly and weld in place.



Step 10:

Repeat steps 7-9 for the rear lower control arm mounting bracket on the opposite side of the Jeep. The factory lower control arm brackets can be removed at this time if desired.

Step 11:

Paint or apply another rust preventative coating to all bare metal surfaces.

Congratulations you have completed the installation of your 3 link frame bracket kit!

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Jeep JK 3 Link Front Upper Control Arm DIY Kit Installation Instructions

Thank you for purchasing our Jeep JK 3 Link
Front Upper Control Arm DIY Kit!

Installation notes:

- This kit requires general fabrication skills including welding and cutting steel
- We do not recommend welding the tube inserts into the tubing with the suspension joint installed. Damage can occur to the tube insert and the suspension joint!
- Anti-seize compound should be applied to all threaded connections
- Each suspension joint should be lubricated with approximately 2 pumps of lithium-based grease upon installation

Tools required:

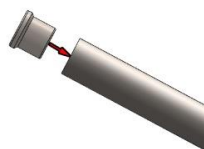
- Welding machine with the capability to weld at least ¼" thick steel
- Grinder, saw, or other method of cutting steel tubing
- Tape measure
- Anti-seize compound
- Grease gun with lithium-based lubricant

Step 1:

The tubing included in this kit will need to be cut to length. The tubing should be cut to 28-1/8" long end to end.

Step 3:

Place the provided threaded inserts in each end of the tubing, one end of the tube needs to have a left-hand insert installed and the other end needs a right-hand thread insert.



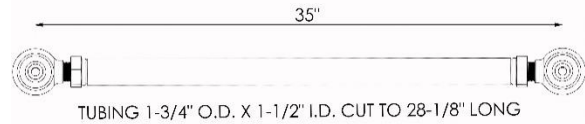
Step 4:

Apply the rust preventative coating of your choice (paint, powder coat, etc).

Step 5:

Apply anti-seize compound to the threads of both threaded suspension joints and install in

each tube insert with the jam nut. Adjust the threaded joints evenly on both ends so the measurements match the image below and tighten the jam nuts. Place approximately 2 pumps of lithium-based grease into each suspension joint.



Congratulations the link assembly is now ready to be installed!

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Jeep JK 3 Link Lower Control Arm DIY Kit Installation Instructions

Thank you for purchasing our Jeep JK 3 Link
Lower Control Arm DIY Kit!

Installation notes:

- This kit requires general fabrication skills including welding and cutting steel
- We do not recommend welding the tube inserts into the tubing with the suspension joint installed. Damage can occur to the tube insert and the suspension joint!
- Anti-seize compound should be applied to all threaded connections
- Each suspension joint should be lubricated with approximately 2 pumps of lithium-based grease upon installation

Tools required:

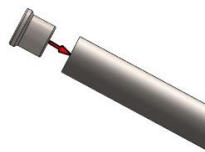
- Welding machine with the capability to weld at least 1/4" thick steel
- Grinder, saw, or other method of cutting steel tubing
- Tape measure
- Anti-seize compound
- Grease gun with lithium-based lubricant

Step 1:

The tubing included in this kit will need to be cut to length. If using this kit for front lower links cut the tubing to 30-3/8" end to end, if using it for rear lower links cut to 26-1/4" end to end.

Step 3:

Place the provided threaded inserts in each end of the tubing, one end of the tube needs to have a left-hand insert installed and the other end needs a right-hand thread insert. Repeat this for both links and weld all the way around the inserts.



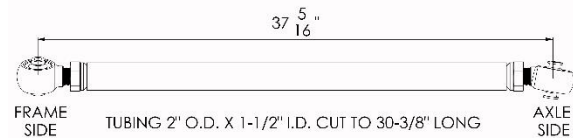
Step 4:

Apply the rust preventative coating of your choice (paint, powder coat, etc).

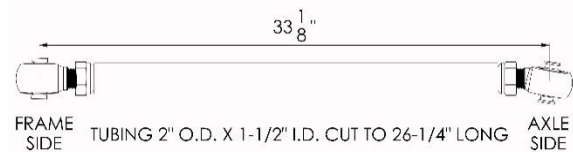
Step 5:

Apply anti-seize compound to the threads of both threaded suspension joints and install in each tube insert with the jam nut. Adjust the threaded joints evenly on both ends so the measurements match the image below and tighten the jam nuts. Place approximately 2 pumps of lithium-based grease into each suspension joint.

Front Lower Link Dimensions



Rear Lower Link Dimensions



Congratulations the link assembly is now ready to be installed!

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Jeep JK 3 Link Rear Upper Control Arm DIY Kit Installation Instructions

Thank you for purchasing our Jeep JK 3 Link Rear Upper Control Arm DIY Kit!

Installation notes:

- This kit requires general fabrication skills including welding
- We do not recommend welding the tube inserts into the tubing with the suspension joint installed. Damage can occur to the tube insert and the suspension joint!
- Anti-seize compound should be applied to all threaded connections
- Each suspension joint should be lubricated with approximately 2 pumps of lithium-based grease upon installation

Tools required:

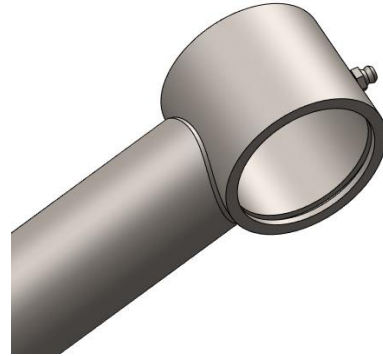
- Welding machine with the capability to weld at least ¼" thick steel
- Internal retaining ring pliers large enough to fit a 2-1/16" internal retaining ring
- Our large Enduro rebuild tool (Part# B4WK12399) or other means of relieving the preload on the weld on suspension joint
- Tape measure
- Anti-seize compound
- Grease gun with lithium-based lubricant

Step 1:

Disassembly of the weld on suspension joint is required before welding. If using our Enduro rebuild tool, please refer to the instructions provided with the tool. Use care to ensure the components of the joint are arranged so they can be installed in the same order and orientation that they are removed.

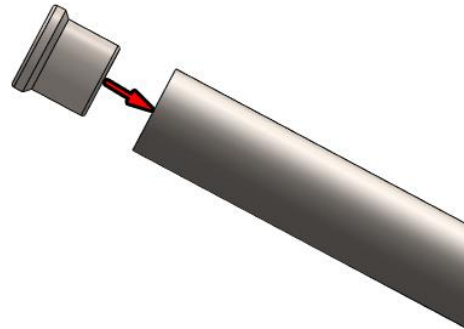
Step 2:

The body of the weld on suspension joint will need to be welded into the coped end of the included tubing, take care to orient the grease zerk so it is accessible when installed. Place the body in the cope, center and weld all the way around the tubing.



Step 3:

Place the provided threaded insert in the opposite end of the tubing and weld all the way around.



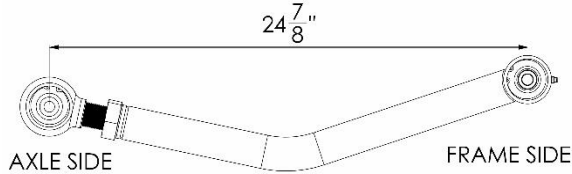
Step 4:

Apply the rust preventative coating of your choice (paint, powder coat, etc).

Step 5:

Re-assemble the weld on suspension joint. Apply anti-seize compound to the threads of the threaded suspension joint and install in the link assembly with the jam nut. Adjust the threaded joint to so the measurements match the image below and tighten the jam nut. Place approximately 2 pumps of

lithium-based grease into each suspension joint.



Congratulations the link assembly is now ready to be installed!

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