

## UCF TJ Long-Arm Upgrade Kit Install Guide (Front Only)



Ensure that your lower flex-joints are at least 5" long from the center of the ball to the end of the threaded shank. If they are shorter than this you will have to move the front frame brackets forward by the amount they are shorter than 5".



The front frame brackets are spaced back from the existing transmission skid hole by 1" from the rearmost edge of the hole. They should be positioned on the frame so that they are parallel to the centerline of the vehicle. This will cause them to look crooked on the frame. The back edge of the bracket will be flush to the outside of the frame rail while the front edge will stick out from the outside of the frame by about 3/4".



Double-check the position of the front frame bracket by measuring up to the closest edge of the coil/shock bucket. Refer to the position of the end of the tape measure in the picture below. Note that if you had to move the bracket forward because of the length of your flex-joints, this measurement will be different.



The far end of the tape measure is butted against the coil/shock bucket at the closest point.





**Set the length of the lower arms to 30" from center of the front bushing to the center of the flex-joint and install the lower arms. The measurement shown is taken from the front of the forward mounting bolt. See the right photo.**

**Install the upper control arms so that your caster angle is set per factory specifications.**

**Thanks for purchasing the UCF Long-Arm Upgrade Kit.**