



2019 Ford Raptors have a position sensor linkage attached to the front leg of the factory upper arm for the FOX Live Valve electronic coilovers. Our Camburg billet upper arms come with the necessary bracketry and hardware for this. We also relocate the sensor on the frame for the proper geometry so there is zero change in the way the system works. Read the instructions thoroughly before installing, for higher quality images go to <http://www.camburg.com/tech/>

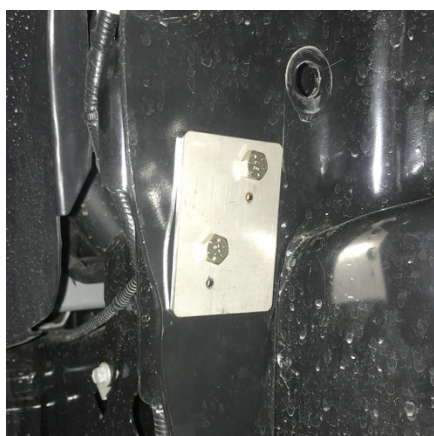
Supplied Parts List

Drivers side heim sensor bracket
Passenger side heim sensor bracket
Drill guide/template
5/16-18 x 3/4" bolts (2)
5/16-18 plain hex nuts (2)

Required Tools

1/8" short length drill bit
5/16" short length drill bit
90-degree drill recommended

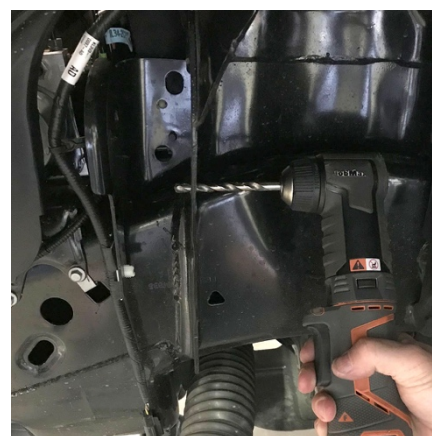
To relocate the sensor that bolts to the frame you will need to first remove the sensor. Keep the hardware as it will be retained when re-installed. The coilover will need to be removed to continue. Use our supplied drill template and 5/16" hardware and a bolt the template on the back side of the mount in the existing holes in the same orientation (1.1). Using the template as a guide, drill two small pilot holes using a 1/8" drill bit. We recommend using a 90-degree drill but a standard 3/8" compact drill will also work (1.2). Unbolt and remove the drill template, then drill the new holes to the final size using a 5/16" bit (1.3). For corrosion resistance touch up with black paint. Repeat on the passenger side.



1.1



1.2

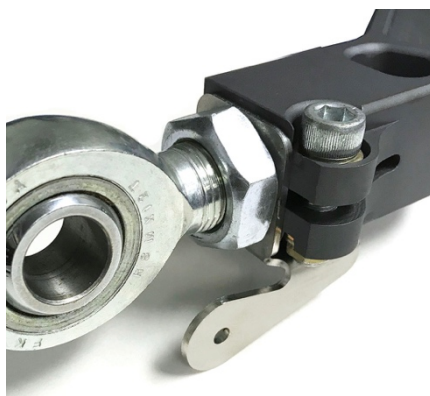


1.3

The position sensor linkage connects to our arm using the supplied stainless-steel brackets. These go between the arm and the heim jam nut. Make sure the bracket is seated flat to the arm in all directions and the linkage pivot is parallel to the arm and not skewed when tightening the jam nut (2.1, 2.2). These heims you want 2 threads showing outside the jam nut, where the rear heims will have 3 threads showing. Lastly install the sensor to the arm and then the frame (2.3). Use a drop of blue Loctite on the linkage arm nut and sensor frame bolt and get hand tight, being careful not to overtighten.



2.1



2.2



2.3