

# Fitting Instructions #TRC0053IS

Ford F-150 2021+

*Front Camber Pin Kit*



## Components Included:

- 4x Camber Pins complete with offset washers and nuts.
- 8x Camber Pin Adjustment Plates
- 1x Hole Jig

## Tools Required:

- Jack and Jack Stands/Hoist
- Torque Wrench
- 21mm Socket / Spanner
- 24mm Socket / Spanner
- 27mm Socket / Spanner
- Drill
- 8mm Drill Bit
- Centre Punch
- Deburring tool
- Paint (Black preferred)

# Fitting Instructions #TRC0053IS

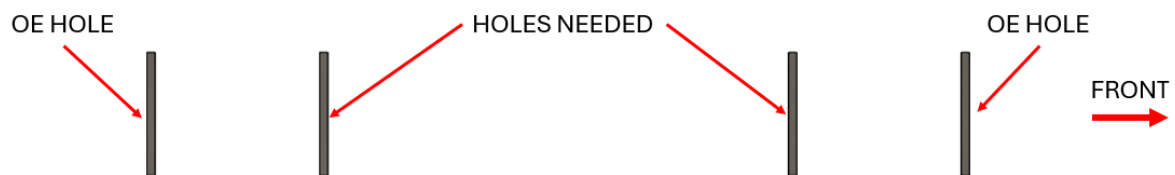
Ford F-150 2021+

## Front Camber Pin Kit

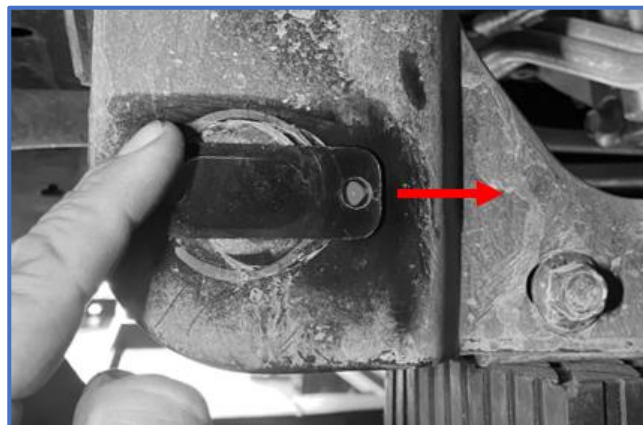


NOTE: These components must be fitted to factory specifications, as per the factory service manual. Photos are an indication and may vary slightly in appearance from the actual product.

1. Raise the vehicle by the chassis and support on a hoist or on jack stands.
2. Start by using the 21mm and 27mm spanners to remove the lower control arm bolts.
3. Once the bolts are removed, slide the lower arm out and away from the chassis. Repeat for both sides.
4. Next, you need to add additional holes to the middle lower control arm mounting flanges to support the Adjustment Plates. See the diagram below for where the holes are needed.



5. Using the supplied hole jig, place the slot into the slot in the chassis with the small hole on the inner side.



6. Using the centre punch, mark the centre of the hole.
7. Using the drill, drill the hole out to 8mm. It can be easier if you start with a smaller bit and work up to 8mm.



8. Clean the hole up using a deburring tool to remove any sharp edges.

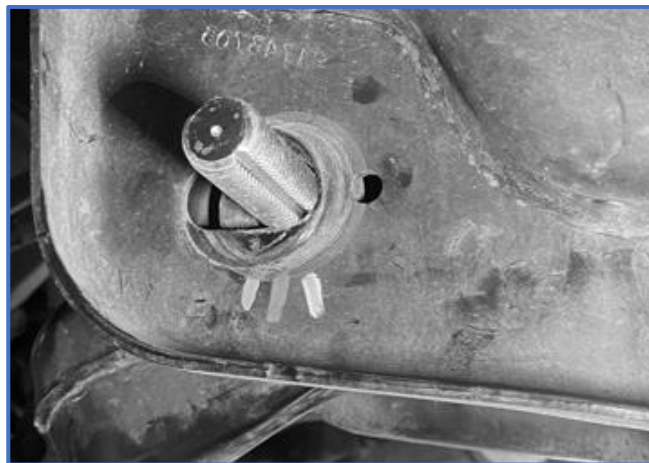
# Fitting Instructions #TRC0053IS

Ford F-150 2021+

## Front Camber Pin Kit



9. Apply a small amount of paint to the area to prevent rust forming.
10. While the paint is drying, repeat the process of steps 5-9 for the other flanges.
11. In total, you need to drill a hole in 4 of the 8 mounting flanges. Every flange should now have an 8mm hole next to the slot.
12. On the LH side, it can be difficult to drill the holes with the front differential in the way. If you are having difficulty, it may be easier to remove the 2x diff mounts from the LH side and jack the diff up and out of the way.
13. Starting with one arm at a time, reposition the lower control arm back into the chassis.
14. Place one of the adjustment plates onto the inner mounting flange with the stud located in the 8mm hole.
15. Feed the camber bolt through making sure the adjustment plate stays in position.



16. Next, place another adjustment plate on the other flange locating it on the hole.



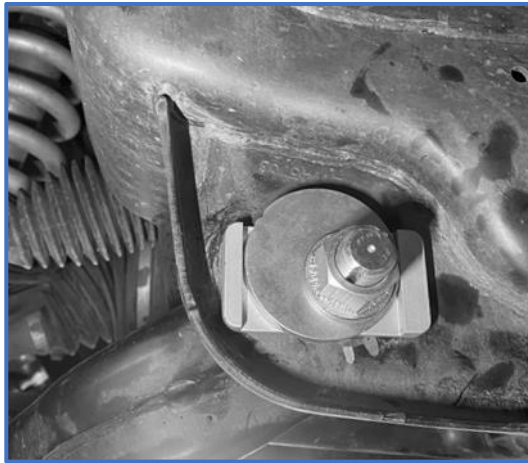
# Fitting Instructions #TRC0053IS

Ford F-150 2021+

## Front Camber Pin Kit



17. Then slide on the washer and install the nut. Make sure the two washers on the camber pin are orientated the same.



18. Repeat this process for all 4 camber pins.
19. Tighten the camber pins using the 24mm spanner until snug.
20. Place the vehicle back on the ground and torque the camber pins to 150Nm (111 ft. lbs).
21. The vehicle will now require a wheel alignment.
22. Recheck all bolts after 1000km (600 miles) or 1 month.