

Fitting Instructions #TRC6670IS

Ford F-150 2004-2021

Fixed Offset Front Upper Control Arms



Important fitment note: The maximum tire width for this arm on factory offset wheels is 285mm. Any larger tires will require a lower offset wheel to prevent the tire from scrubbing on the arm.

NOTE: These components must be fitted by qualified persons only, 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 stands.
2. Remove the front wheels.
3. Loosen the nut holding the ball joint to the upright, but not all the way. Using the small hex on the end of the ball stud, rotate the ball joint and the taper should break free.
4. Remove the ball stud from the knuckle.
5. Support the lower control arm with a jack, then loosen the 3 strut cap bolts from the tower and lower shock mount.
6. Remove the strut from the vehicle.
7. With the strut out of the way, remove the 2 bolts from the upper control arm and slide the bolts out from the arm. The arm will now be free and can be removed.
8. Installation is the reverse of removal with the new arm.
9. Before installing the new arm, clean the UCA mounting faces ready to accept the arm.



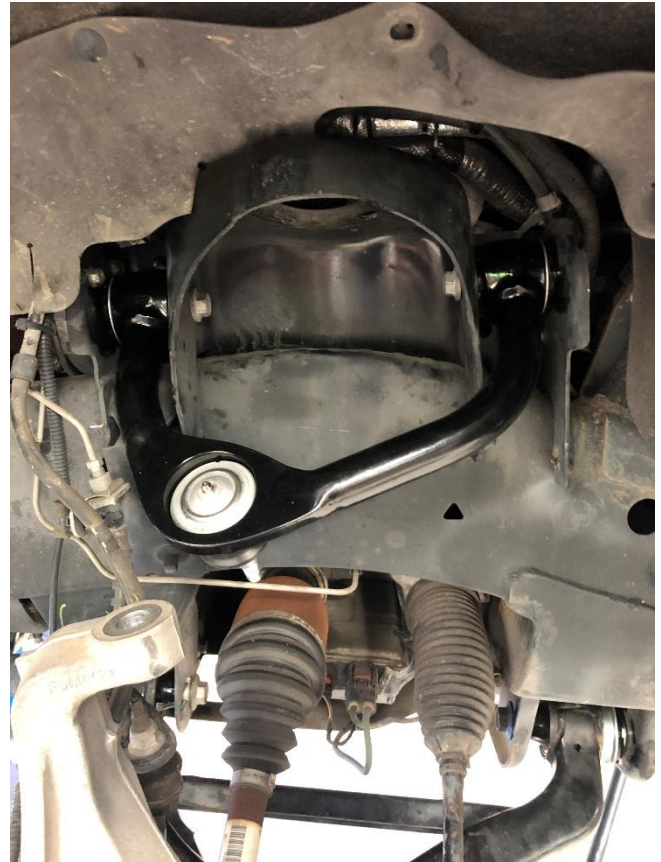
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10. Before installing the arm, ensure to remove the crush tubes from the bushings and apply grease to the bore and faces of the bushings using the supplied grease.
11. Bolt the new arm into the frame, reusing the factory bolts. Torque to factory specifications.
12. Re-install the strut using all the factory hardware and tighten to factory specifications.
13. Install the stud of the ball joint into the upright.
14. Tighten the ball joint taper down using the new nut to factory specifications and install the split pin.



15. The installation is now complete. Repeat for the other side.
16. Install wheel and lower vehicle to the ground. Check for any clearance issues.
17. Manufacture's torque setting must be used on all bolts.
18. The vehicle will now require a wheel alignment.
19. Recheck all bolts after 1000km or 1 month;