

# Fitting Instructions #TRC6475IS

Toyota Hilux 2022-On Rogue (Widebody)

Fixed Offset Front Upper Control Arms

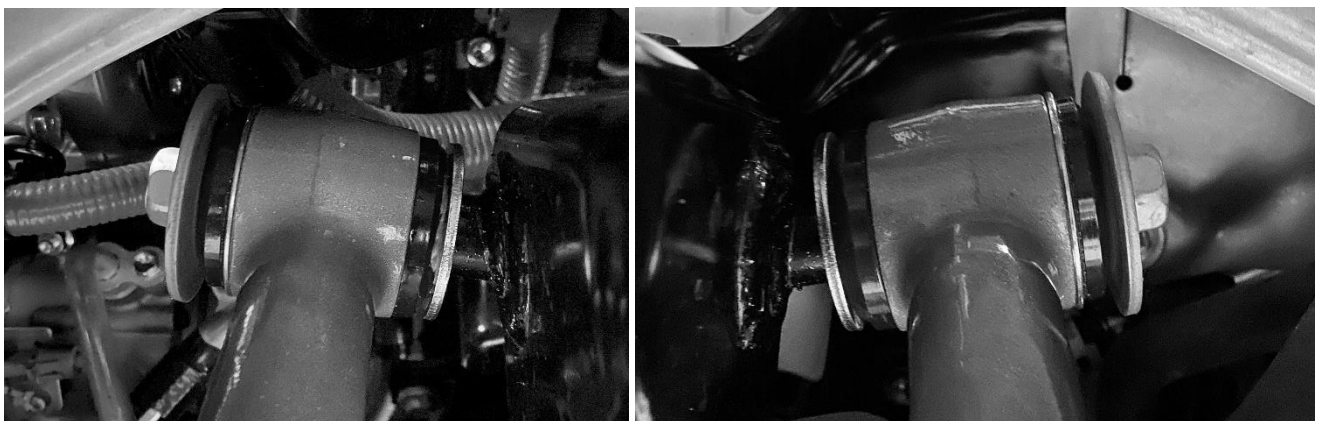


**NOTE: These components must be fitted by a qualified person only, to factory specifications, as per the factory service manual. Photos are an indication and may vary slightly in appearance from the actual product.**

1. Raise the vehicle by the chassis and support on a hoist or on stands and remove the front wheels.
2. Remove the ABS bracket from the upper control arm, steering knuckle and chassis and move out of the way to prevent damage.



3. Remove the split pin and loosen the nut holding the ball joint to the upright, but not all the way. Use a hammer to strike the knuckle to free the ball joint.
4. On the RH side, the airbox bolt will need to be removed so the airbox can be moved out of the way to slide the UCA bolt past.
5. Loosen the long bolt from the upper control arm, then remove the ball joint nut the remainder of the way. Now slide the UCA bolt out from the arm, the arm will now be free and can be removed.
6. Installation is the reverse of removal with the new arm.
7. Using the supplied grease, grease the face of the bushings before installing. It is also good practice to remove the crush tubes and re-grease the bores of the bush to ensure there is sufficient grease to aid in lubrication.
8. Bolt the new arm into the frame, reusing the factory bolt. The supplied washers are to be installed on the inside faces of the bushes. The OE washers are used on the outside of the bushes. Torque the UCA bolt to the factory specifications of 115 Nm (85 ft.lbs).



9. Install the stud of the ball joint into the upright. Then install the thick spacer washer before the castle nut.

**NOTE: Some ball joints may include a smaller washer and a castle nut instead of the flanged castle nut. The smaller washer will also need to be used in between the large washer and the nut.**

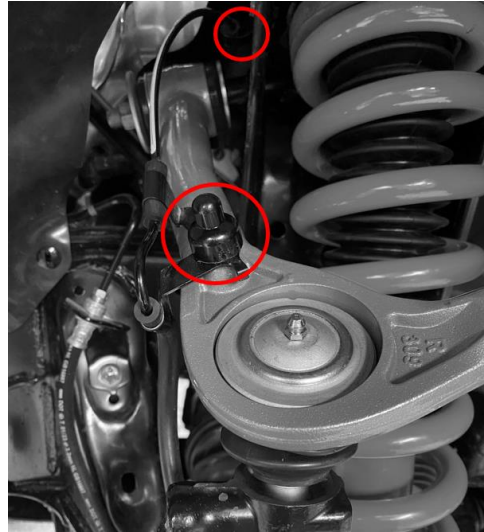
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10. Tighten the ball joint taper down using the new nut to 110 Nm (81 ft.lbs) and install the supplied split pin.
11. Re-install the ABS bracket to the UCA and to the chassis.



12. Using the supplied ABS spacer bracket, space the ABS bracket on the knuckle upwards as shown below.
13. The installation can be repeated for the other side.
14. Install the wheels and lower the vehicle to the ground. Check for any clearance issues.
15. Manufacture's torque setting must be used on all bolts.
16. The vehicle will now require a wheel alignment. The recommended wheel alignment specs are as follows:

<b>Camber</b>	$-0.25 \pm 0.5^{\circ}$
<b>Drivers Side Caster</b>	$+4.00 \pm 1.0^{\circ}$
<b>Passenger Side Caster</b>	$+4.50 \pm 1.0^{\circ}$
<b>Toe (per side)</b>	$+1.00 \pm 1.0\text{mm}$

17. Recheck all bolts after 1000km or 1 month;

