

Install Guide

Front Upper A-Arms - Fixed Geometry Improvement

Note: These components must be fitted by a qualified person only, as per the manufacturers service manual. Also, that all relevant safety procedures are followed in addition to below.

Install Guide

Application - Toyota Landcruiser
- 300 Series 2021-on

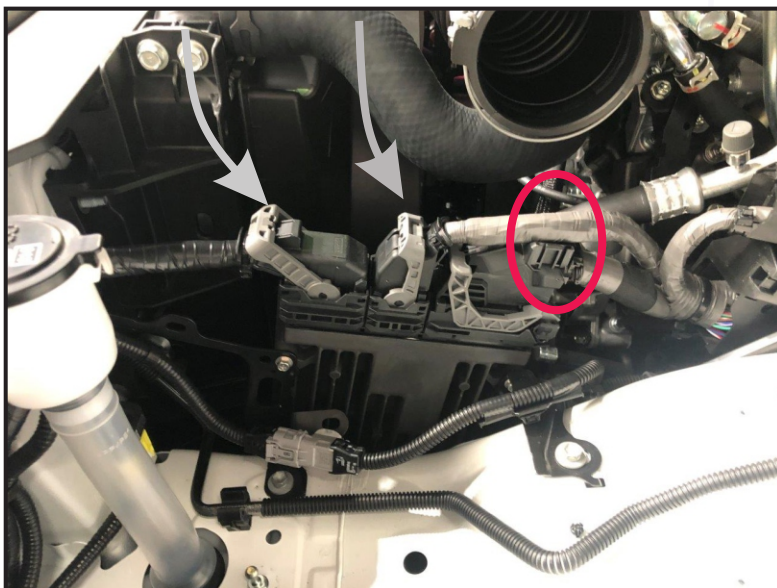
(Always refer current catalogue listing)

Contents - 2x fixed, forged, tubular arms
- complete with H/D ball joints.
- 4x flat washers

- Raise vehicle evenly and safely support with a hoist or stands.

Never rely on a Jack only

- **IMPORTANT** - start by disconnecting negative battery terminal and isolate. (battery is behind air-box).
- Next - completely remove upper and lower sections of air-box and set aside - refer RH image.
- Carefully remove the wiring loop on top of ECU - refer below image (circled)



- Next, proceed to un-plug ECU connectors.
- Un-bolt and remove the ECU.

Refer Page 2 -

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- Lift vehicle to desired height and remove front wheels.
- Locate ABS wiring and remove/disconnect from A-arm and up-right (hub). Set aside to prevent any damage.
- Remove 'R' clip from upper ball joint nut - refer RH image.
- Loosen ball joint nut - un-wind a few threads but do not remove yet.
- Strike aluminium up-right to break the ball joint taper. (being an aluminium hub, the taper should break free easily with moderate force).



Note - check if vehicle has a head light sensor. If so, remove bracket also.

- Lastly, loosen and remove the large/main nut - (for the long/main bolt)
- Proceed to remove the long bolt. - refer RH image.
- The original arm can now be removed from vehicle.

Refer page 3 -

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Note: These components must be fitted by a qualified person only, as per the manufacturers service manual. Also, that all relevant safety procedures are followed in addition to below.

- Proceed to bolt up new supplied arms - using the factory inner main bolt.

IMPORTANT - place the supplied flat washers on the inside of bushing face (against chassis).
- refer RH image.

- Bolt up ball-joint stud to up-right using new supplied flange nut and R clip.

- Bolt up ABS and brake line bracket.
- refer RH image.



- Re-fit head light sensor
- (if applicable).
- Re-fit wheels, followed by ECU and Air-box.

Re-connect battery.

IMPORTANT - a wheel alignment will be required immediately after install.

- Road test vehicle.
- Re-check all bolts after 500-1000kms.