FITTING INSTRUCTIONS

UCA0003

SUITS TOYOTA HILUX 05-15, HILUX 15-ON & FORTUNER 15-ON



WARNING

- This product must be installed exactly as per these instructions using only the hardware supplied.
- In the event of damage to any suspension component, contact your nearest authorised ARB stockist. Repairs or modifications to the suspension system components must not be attempted.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- This product or its fixing must not be modified in any way.
- The installation of this product may require the use of specialized tools and/or techniques
- It is recommended that this product is only installed by trained personnel
- These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer
- During installation, it is the duty of the installer to check correct operation/clearances of all components
- Work safely at all times

Note: These fitting instructions should be read in conjunction with the vehicle workshop manual.

FITTING KIT CONTENTS – UCA0003

Item	Description	Qty.
1	UPPER CONTROL ARM LH	1
2	UPPER CONTROL ARM RH	1
3	WASHER 53 X 14.3 X 3	4
4	BALL JOINT CAP & SCREW	2

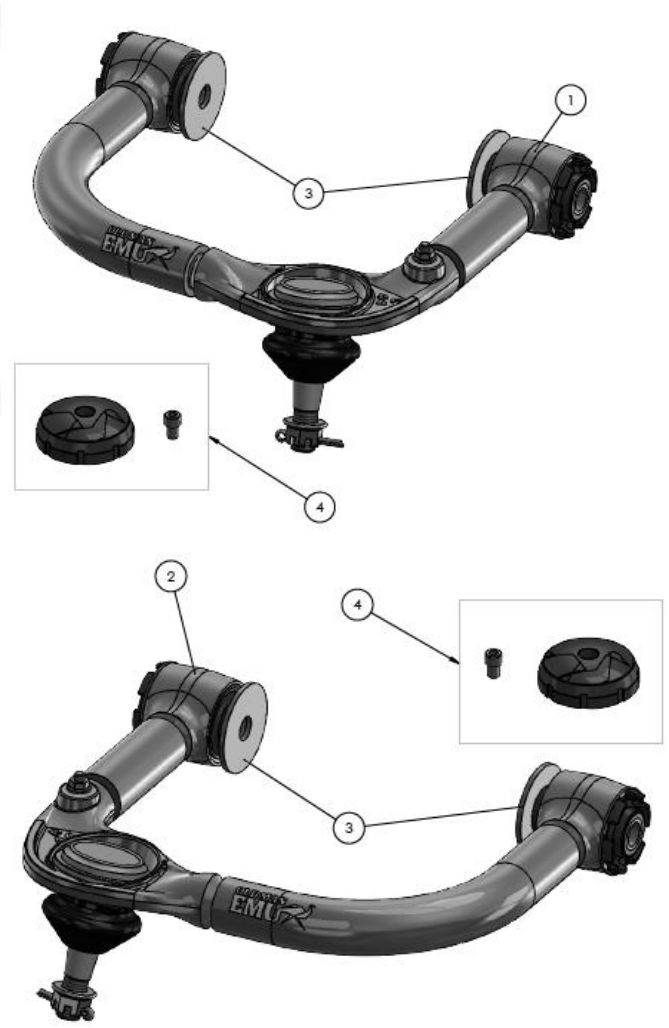
TOOLS REQUIRED

SOCKET SET - METRIC
RING SPANNERS - METRIC
TORQUE WRENCH
IMPERIAL HEX KEY (3/16)
BALL JOINT PULLER

Wheel Alignment Specification

	Lower	Upper
Camber	-0.15°	0.85°
Caster	2.85°	3.85°
Toe	0.2mm	2.2mm

NOTE: If vehicle is fitted with aftermarket tyres/rims, the above figures may not provide sufficient clearance from vehicle body. If contact is made, additional caster may be required.



UPPER CONTROL ARM MOUNTING SEQUENCE

1. Raise vehicle and support on suitable chassis stands. ***NEVER RELY ON JACK ONLY.*** Remove wheels.

2. Remove ABS wires from upper control arm and steering knuckle (**1**)

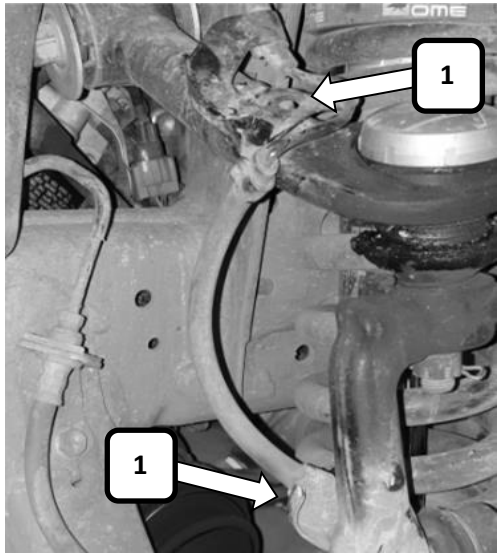
3. Loosen the nut holding the Ball Joint to the upright. Leave nut on the Ball Joint to protect the thread.

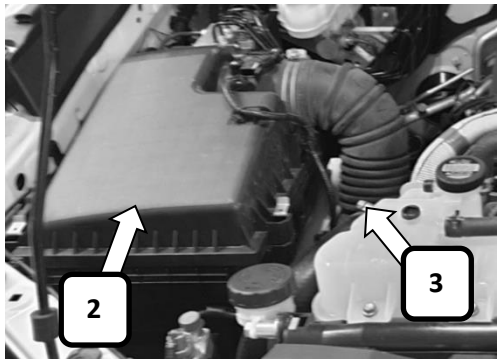
4. Break the Ball Joint taper from the upright using either a Ball Joint separation tool or by striking the upright with a hammer.

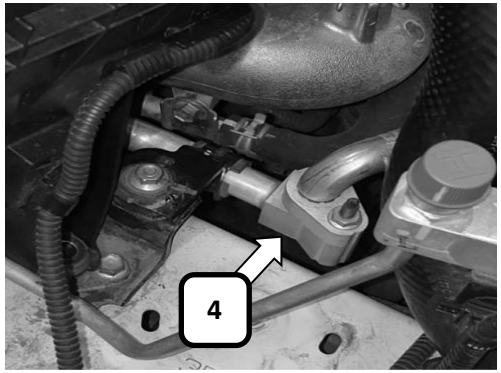
5. Disconnect upright from control arm and move to one side ensuring it does not over-extend the driveshaft.

6. **RHS.** Remove 3 x bolts securing air box (**2**) and remove intake piping from engine (**3**). This step is to allow access to A/C pipe. **DO NOT** completely remove assembly.

7. Loosen and remove the long control arm bolt and nut. To remove RHS bolt, gently pull A/C line from elbow (**4**) to allow bolt to pass. Remove the control arm.







8. **LHS.** For Hybrid vehicles, the dual tensioner for the auxiliary belt needs to be moved to allow the Upper Control Arm bolt to be removed.

9. Rotate the tensioner to release tension from the drivebelt. Prise belt off pulley.

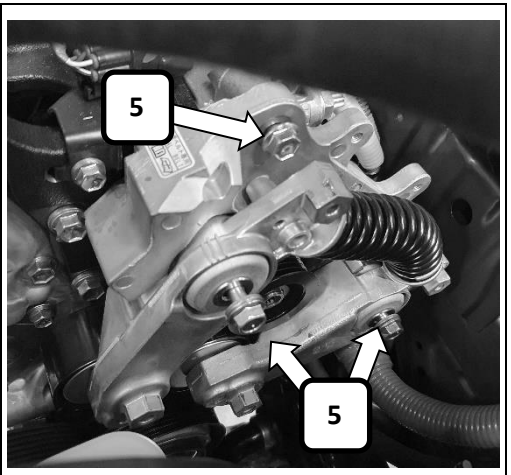
10. Loosen and remove the three bolts holding the tensioner to the engine (**5**) and move to one side to allow the bolt to pass (**6**). Remove the arm.

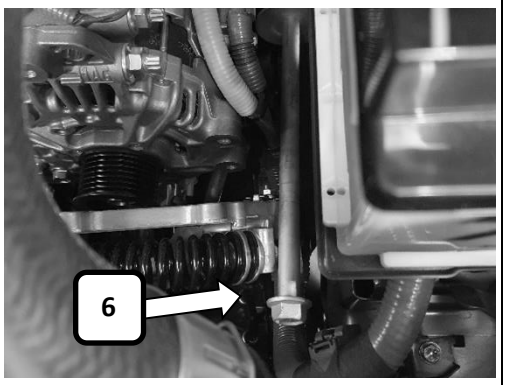
11. Install the new control arm. Ensure washers are fitted between the chassis mount and the bushes. Ensure ABS loom is routed correctly before mounting. Torque to OE specification.

12. Bolt up Ball Joint to upright, tightening to OE torque specification. Fit split pin through castle nut.

13. Once greased, remove nipple and place inside cap. Fasten cap to Ball Joint with screw provided.

14. Refit air box and intake piping. Refit belt tensioner and belt. Refit wheels and lower vehicle. Torque bolts to OE specifications.







Once installation is complete, a wheel alignment will be required.

REVISION					
REV	DESCRIPTION	PREPARED BY	APPROVED BY	DATE	ECN No.
A	RELEASE	S SPENCER		…	
B	UPDATE FOR HYBRID STEPS FOR LHS	D.ROBERTS		14/05/2024	