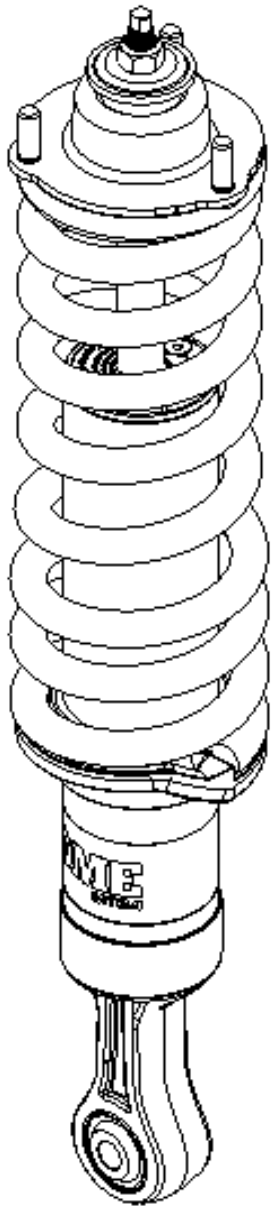
FITTING INSTRUCTIONS

MT64901007

MT64 SUITS 4RUNNER



WARNING

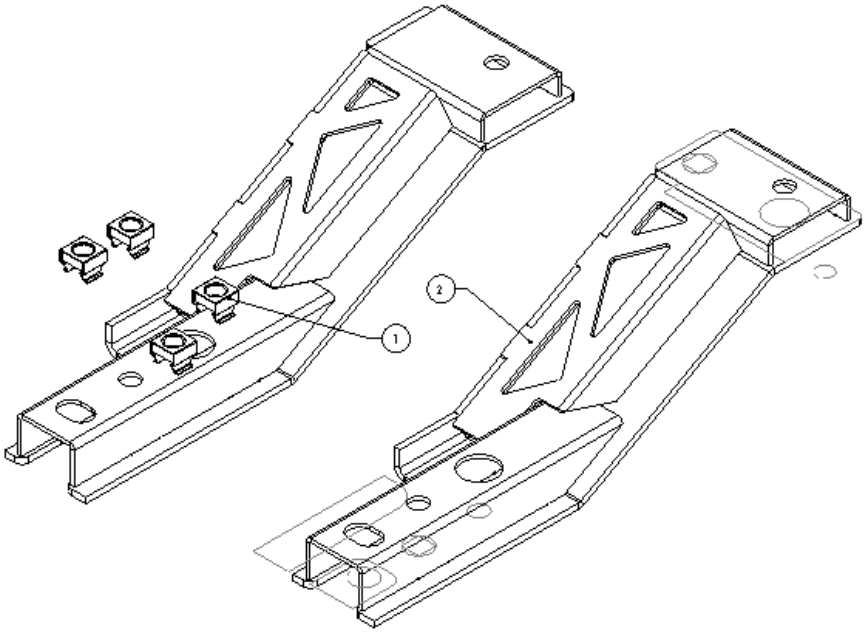
- This product must be installed exactly as per these instructions using only the hardware supplied.
- In the event of damage to any suspension component, contact your nearest authorised ARB stockist. Repairs or modifications to the suspension system components must not be attempted.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- Do not remove labels from suspension components.
- 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.

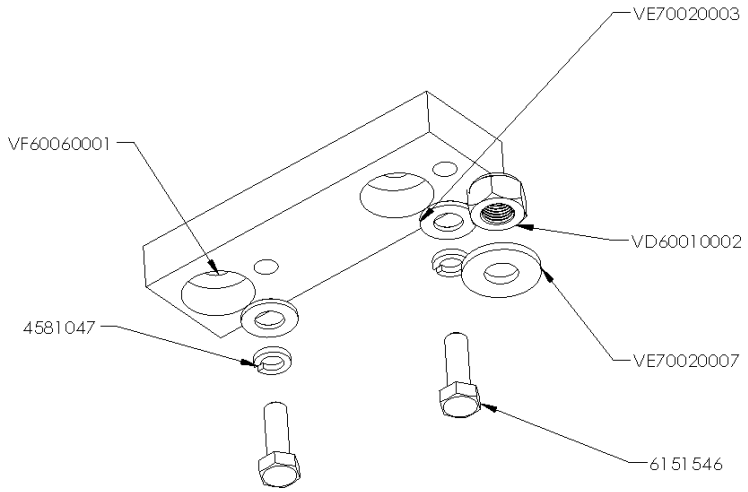
Fit kit VM80010078			
Item	**Description**	**Qty**	**Part No.**
1	M10 CAGED NUT	8	6151304
2	SWAY BAR RELOCATING BRACKET	2	VF60050030

Fit kit **VM80010074** *(In Damper Box)*			
Item	**Description**	**Qty**	**Part No.**
1	MOUNT: SWAY BAR RELOCATION	1	VD60010001
2	WASHER: M10 BLACK	2	VE70020003
3	FASTENER: NUT: M12 NYLOCK	1	VD60010002
4	WASHER SPRING M8x3/32x3/32	2	4581047
5	WASHER: ID12 OD28 T3	1	VE70020007

FITTING KIT CONTENTS - VM80010078



FITTING KIT CONTENTS - VM80010074

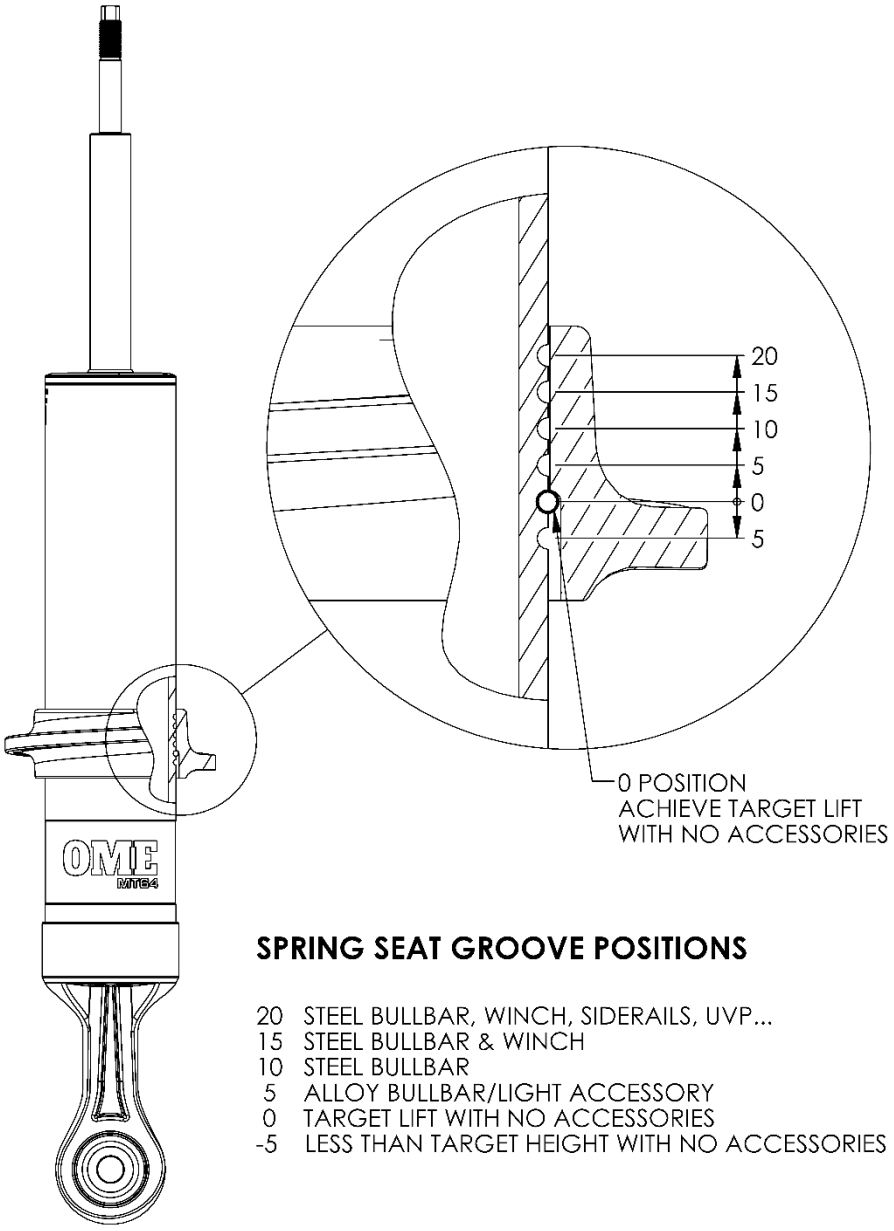


DAMPER PREPARATION

Before assembly with the coil spring the spring seat groove position needs to be configured to suit your front accessory fitment to achieve desired ride height.

The spring seat groove is set at the factory as shown by the diagram to “NO ACCESSORIES” position. This aims to achieve around 40mm increase in ride height over OE when no accessories are fitted.

As a guide, set the groove position as specified In the image based on the amount of accessories fitted to the vehicle.



SPRING SEAT GROOVE POSITIONS

20 STEEL BULLBAR, WINCH, SIDERAILS, UVP...
15 STEEL BULLBAR & WINCH
10 STEEL BULLBAR
5 ALLOY BULLBAR/LIGHT ACCESSORY
0 TARGET LIFT WITH NO ACCESSORIES
-5 LESS THAN TARGET HEIGHT WITH NO ACCESSORIES

DAMPER ASSEMBLY SEQUENCE

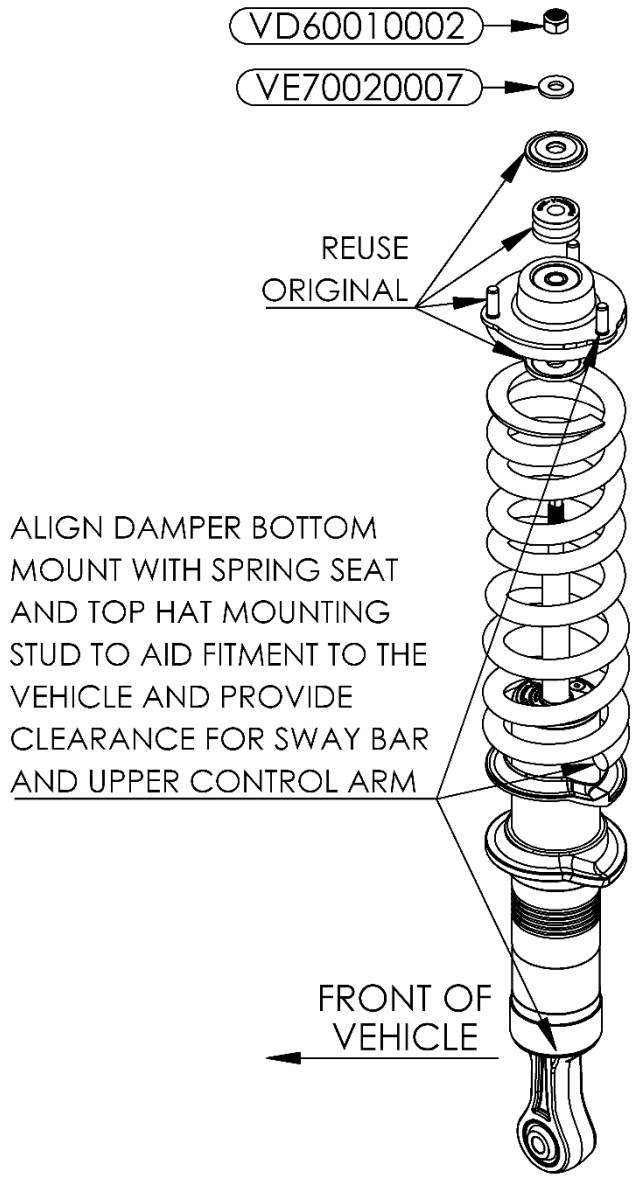
Remove old strut assembly from vehicle.

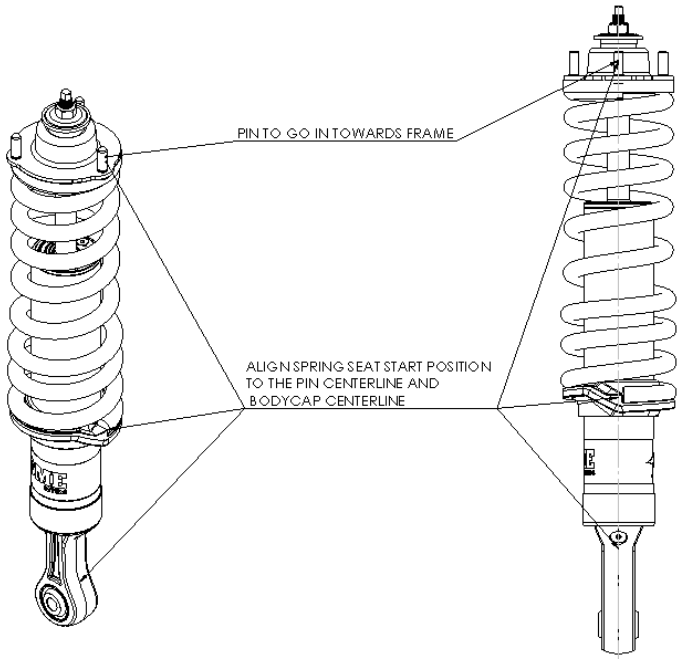
Follow diagram to assemble new front strut.

Use new nut and washer provided in the kit VM80010074 found in the damper box to secure assembly.

IMPORTANT NOTE:

Align damper bottom mount with spring seat and top hat mounting stud to aid fitment to the vehicle and provide clearance for sway bar and upper control arm.



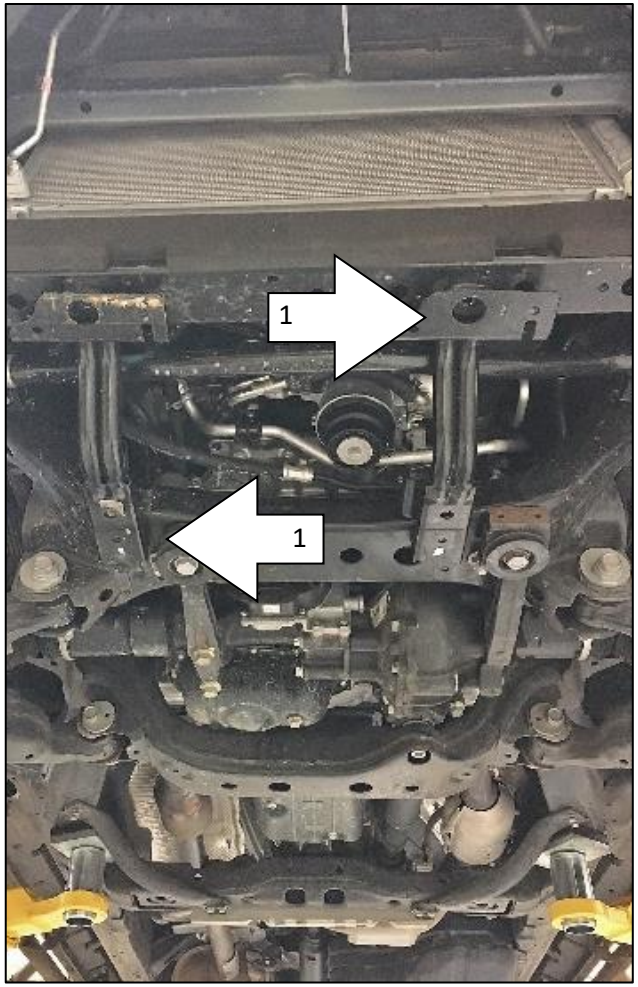


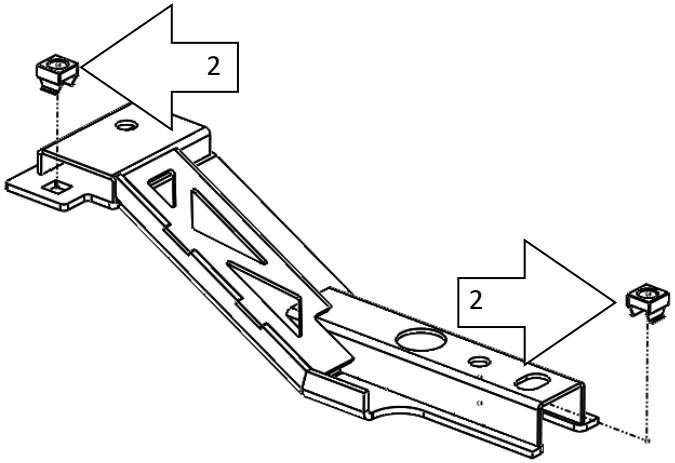
STIFFENER BRACKET REPLACEMENT

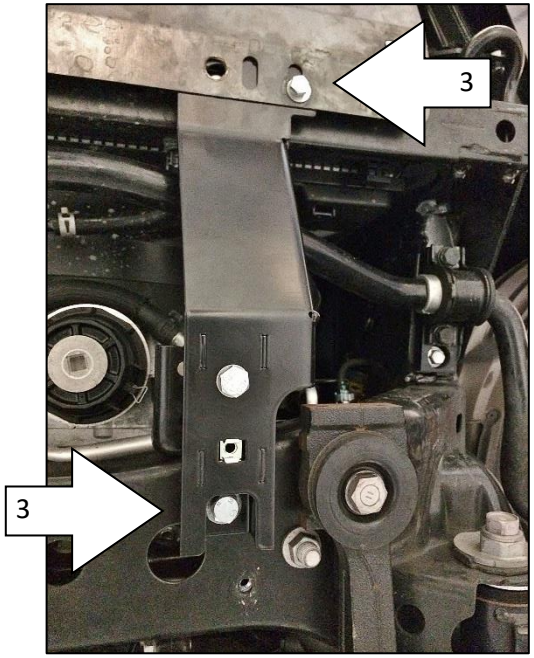
Remove the stiffener bracket shown on the drivers (left) side only by removing x3 Hex Screws. (1)

Insert x2 M10 Cage nuts into the square cut-outs in the new Stiffener Bracket. (2)

Install the new Stiffener Bracket in place of the removed bracket using the factory Hex Screws. (3)





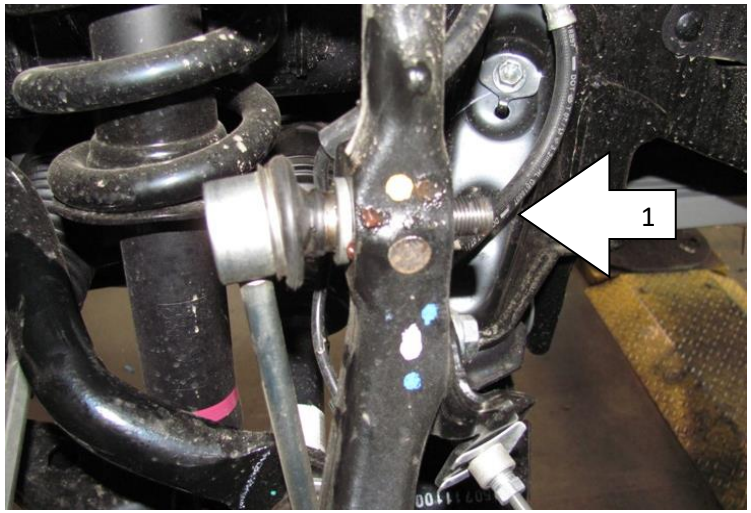


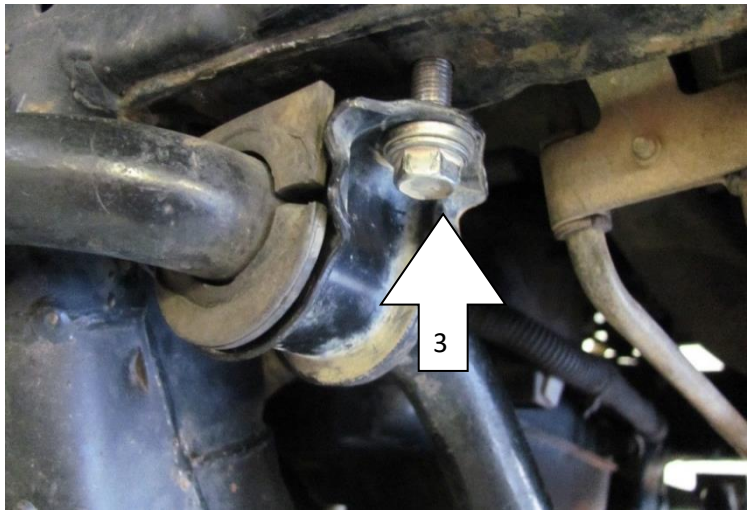
DAMPER MOUNTING SEQUENCE

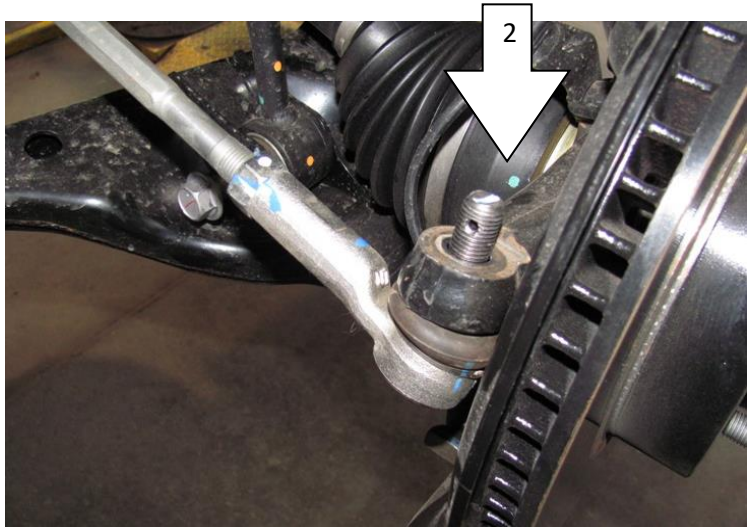
Remove old dampers from vehicle.

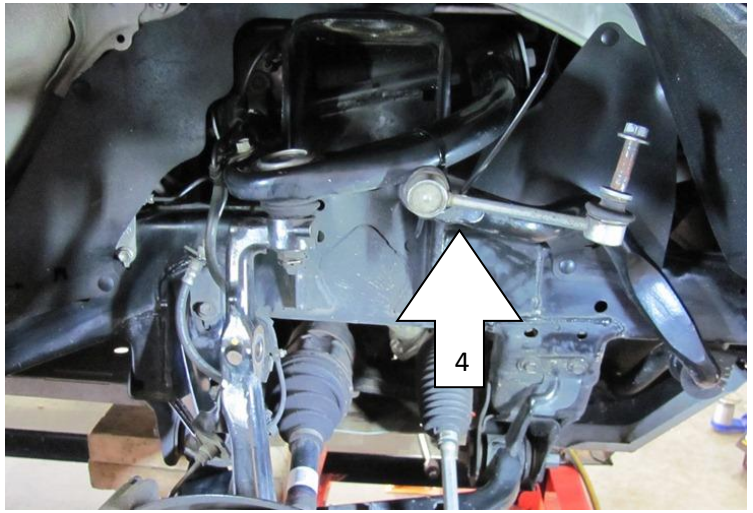
For LH and RH detach sway bar link from spindle (1) and ball joint from steering arm (2) and remove sway bar saddles (3). Retain original fasteners.

To provide good access for inserting the new strut assembly it helps to cable tie the sway bar to the upper arm (4).









SWAY BAR SPACER FITMENT

The sway bar spacer is designed to move the sway bar forward and down to provide more clearance around the spring and spring seat.

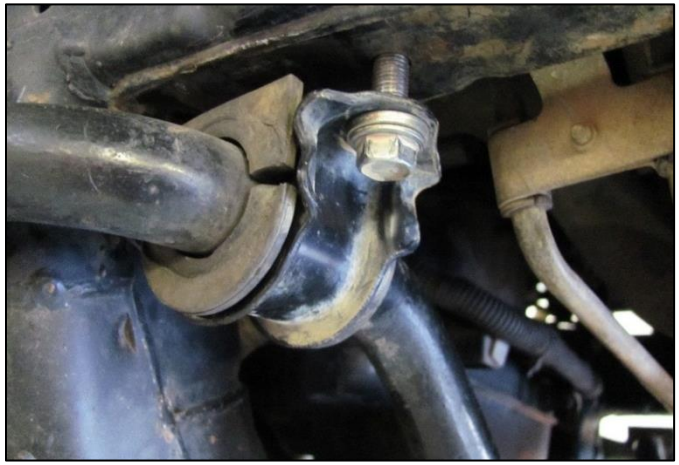
Remove the sway bar saddle on both sides of the vehicle (1).

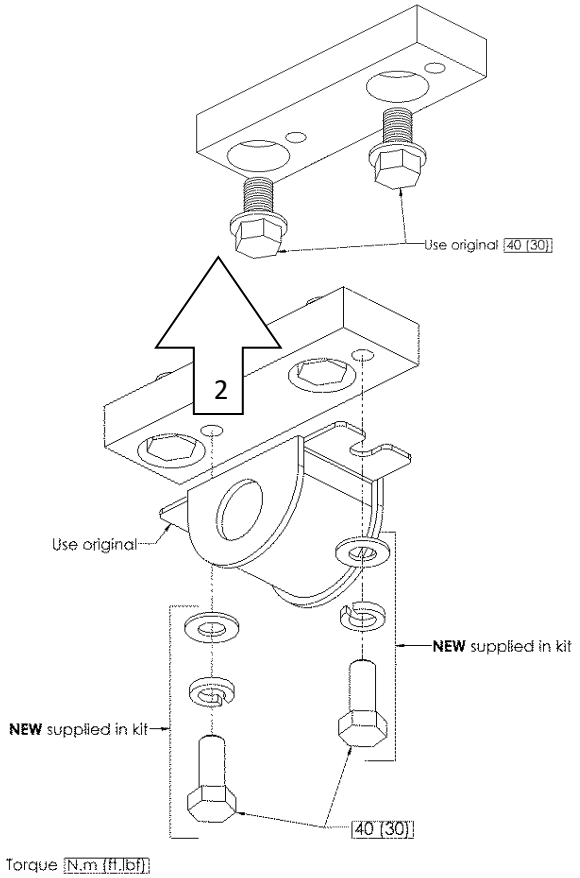
Fit new sway bar spacer block as shown and secure with the original bolts (2).

Fit the original sway bar saddle to the spacer block using the M10 bolts supplied and torque same as original bolts.

Check all fasteners are tightened securely as per table below.

Fastener	**Torque** N.m (ft.lb)
Sway bar link to upright	70 (52)
Steering tie rod end to upright	88 (65)
Sway bar spacer & brkt to chassis	40 (30)
Strut top hat	44 (32)
Strut to lower control arm	95 (70)





REVISION					
REV	DESCRIPTION	PREPARED BY	APPROVED BY	DATE	ECN No.
A	RELEASE	CHANDRA		28/09/2023	