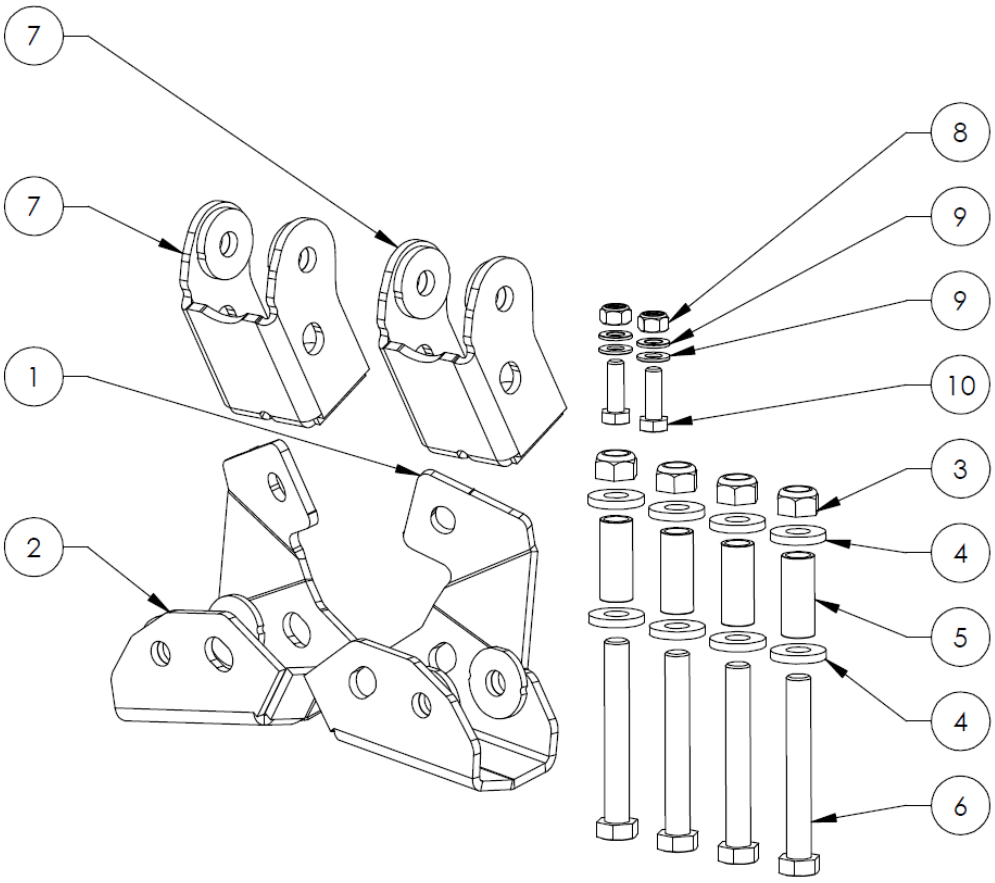
OLD MAN EMU | FITTING INSTRUCTIONS

# FK144 JEEP JL WRANGLER

## MT64 SHOCK MOUNT KIT

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | VF60050044R | MOUNT ASSY: JL REAR SHOCK R | 1 |
| 2 | VF60050044L | MOUNT ASSY: JL REAR SHOCK L | 1 |
| 3 | 6151574 | NUT HEX NYLOC M12x1.75 \| TZP480 | 4 |
| 4 | 4581011 | WASHER FLAT M12x27x4 \| ZP | 8 |
| 5 | VF50121640 | MOUNT: SLEEVE 121640 | 4 |
| 6 | 6151250 | BOLT HXHD M12x1.75x90 \| PC8.8 ZP | 4 |
| 7 | VF60050040 | BRKT JL FRONT SHOCK MOUNT | 2 |
| 8 | VD60010004 | FASTENER: NUT: M8 NYLOCK | 2 |
| 9 | VE70020004 | WASHER: M8 BLACK | 4 |
| 10 | 6151022 | BOLT HXHD M8x1.25x25 \| PC8.8 ZP | 2 |



OLD MAN EMU | FITTING INSTRUCTIONS

# WARNING

**MT64601043 and MT64601044 are designed to be used with OME 2.5” / 3.5” Lift Kit which addresses the following requirements with components described.**

| FEATURES | COMPONENT | OME PART NUMBERS | | COMMENTS |
|---|---|---|---|---|
| | | FRONT | REAR | |
| Lift | Springs | 3133 / 3134 / 3135 | 3136 / 3137 / 3138 / 3139 | 2.5” / 3.5” lift coils are designed to stay located with longer dampers |
| Damping | Shocks Absorbers | MT64601043 | MT64601044 | Dampers with optimised lengths for maximum down travel |
| Bump Stops | Bump Stop Spacers Front and Rear | FK92 | | Bump stops spacers optimised for extended and compressed lengths to allow for maximum compression and rebound control.<br>Also allows larger fitment of tyres 35-37” with OE Flare/Fender.<br>Minimum FRONT bump spacer height 45mm (1.75”). |
| Castor Correction | Adjustable Lower Control Arm | LCAJLFR | | Heavy Duty Adjustable control arm to restore wheel alignment. |
| Roll Control / Articulation | Extended Sway Bar Links | FK93 | | New longer sway bar links to correct sway bar alignment and ensure droop travel is limited by the dampers. |

**If not using the complete OME Lift Kit please ensure all the above features are considered.**

OLD MAN EMU | FITTING INSTRUCTIONS

# FRONT

## VEHICLE PREPARATION

Remove existing dampers from the vehicle.
Remove internal wheel arch liner from vehicle.

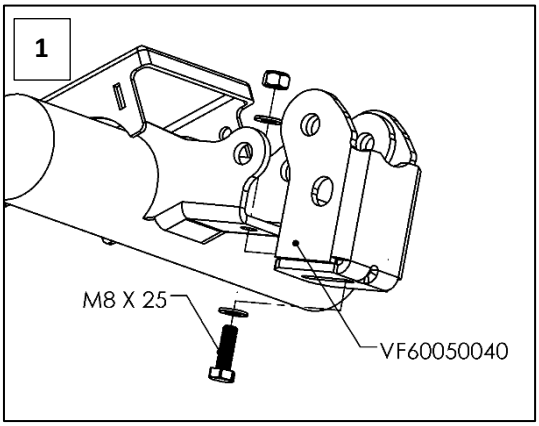
**DAMPER LOWER MOUNT BRACKET**

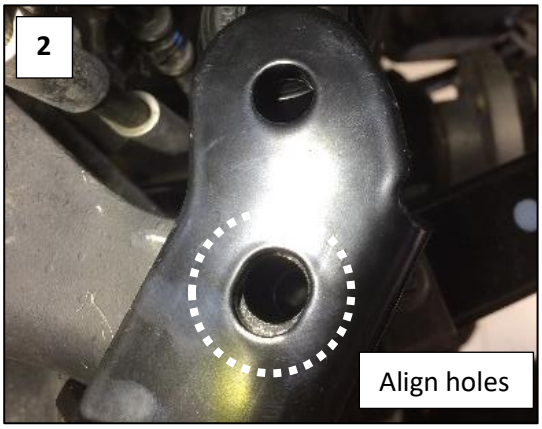
**Follow steps 1-3.**
**1.** Fit the supplied damper mount bracket **VF60050040** to the lower OE mount using the supplied M8 fasteners as shown. Tighten the bolt until there is little movement for the bracket.

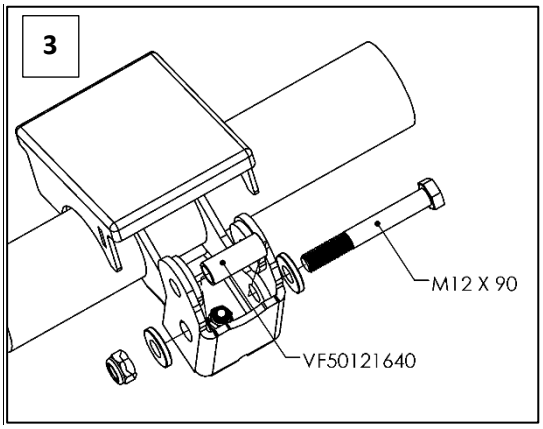
**2.** Align the hole on the bracket with the hole on the OE mount as shown in the picture.
Securely tighten the M8 bolt once holes are aligned.

***Torque to 22 Nm (16 lbf ft).***

**3.** Fit the supplied M12 fasteners and the crush tube **VF50121640** to the bracket as shown.
Secure fasteners finger tight only.



## DAMPER MOUNTING

The MT64 needs to be fitted with the suspension in droop.

**TOP MOUNT**
Fit the damper to vehicle top mount such that the reducer is pointed toward the centre of the vehicle as shown in the picture (1).

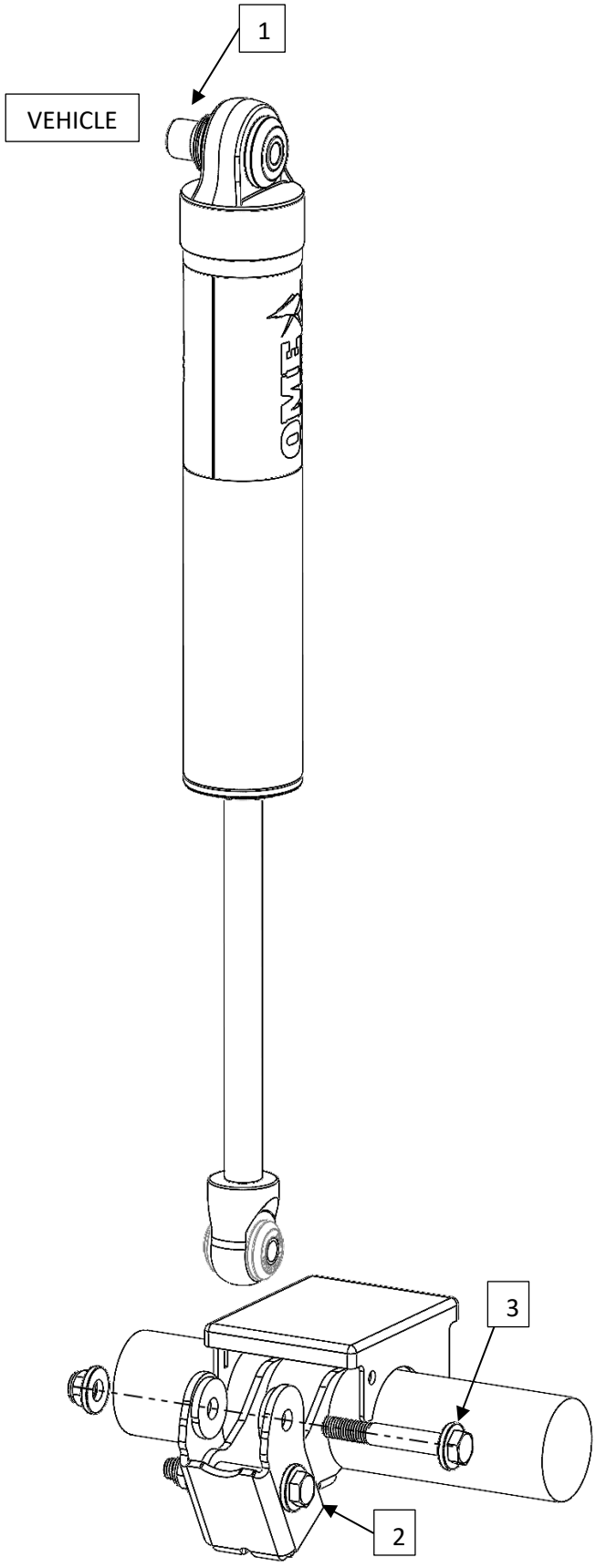
Reuse OE bolt.
***Torque (refer to Jeep JL workshop manual).***

**LOWER MOUNT**
Fit the damper to the new lower mount reusing OE fasteners as shown. Finger tight only.

Securely tighten all fasteners in number sequence.

***M12 bolt supplied (2)***
***Torque to 103 Nm (76 lbf ft).***

***OE bolt (3)***
***Torque (refer to Jeep JL workshop manual).***



# REAR

## VEHICLE PREPARATION

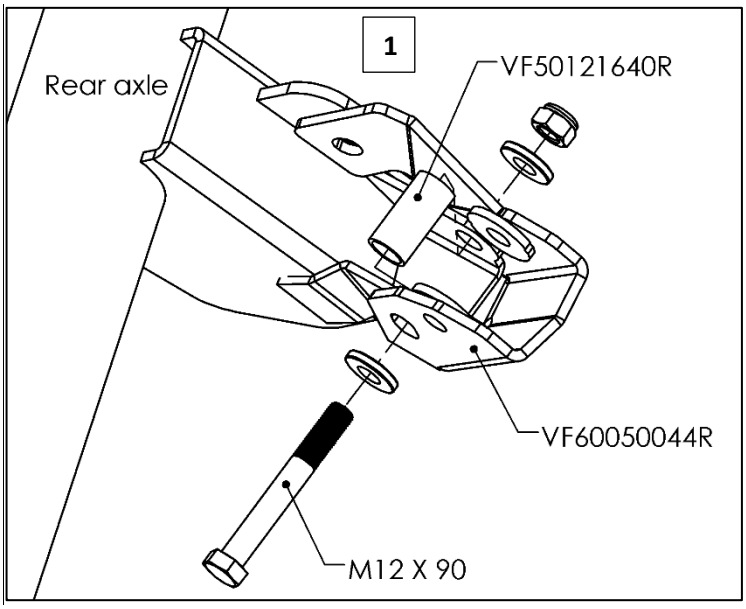
Remove existing dampers from the vehicle.
Remove the bolt that secures the lower sway bar link to the OE mount.

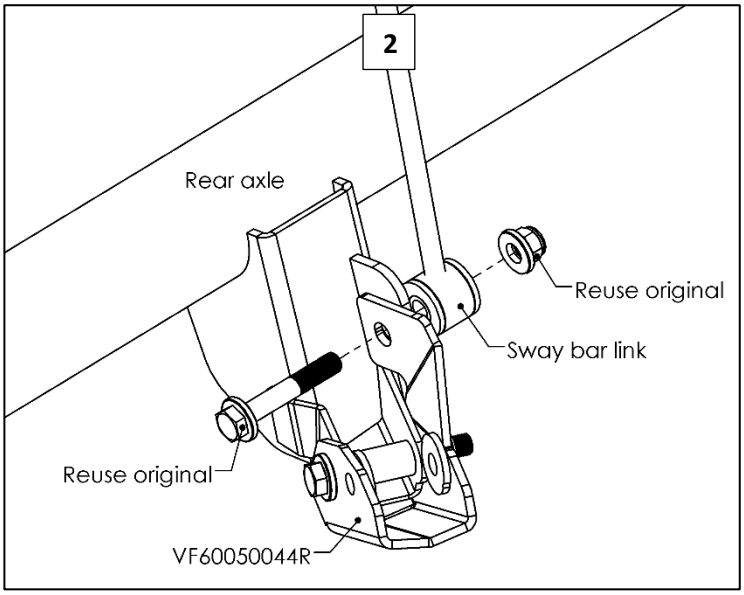
**Damper Lower Mount Bracket**

Supplied brackets are left and right.

**Follow steps 1 and 2.**
**1.** Fit the supplied damper bracket **VF60050044L/R** and crush tube **VF50121640** to the lower OE mount using the supplied M12 fasteners as shown in the diagram.
Secure fasteners finger tight only.

**2.** Fit the OE bolt and the sway bar link to the bracket and OE mount as shown in the diagram.
Secure fasteners finger tight only.



## DAMPER MOUNTING

The damper needs to be fitted with the suspension in droop.

**TOP MOUNT**
Fit the damper to vehicle top mount.
Reuse OE bolt.
***Torque (refer to Jeep JL workshop manual).***

**LOWER MOUNT**
Fit the damper to the new lower mount reusing the OE fasteners (2) as shown in the diagram. Finger tight only. Ensure the shaft gurad is facing toward the front of the vehicle.
Securely tighten all fasteners in number sequence.

***OE.bolts (1) and (2).***
***Torque (refer to Jeep JL workshop manual).***

***M12 bolt supplied (3).***
***Torque to 103 N.m (76 lbf.ft).***

**CAUTION**
Ensure Sway Bar clears damper body when fully fitted.
Additional OME fitting kits may be required.
See component req. in the OME applications catalogue.

